

# Voice of Z39

News About Library, Information Science, and Publishing Standards

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ISSN:0163-626X  
Vol. 6, No. 3  
December 1984  
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## CHAIRPERSON'S

## MESSAGE

By Sandra K. Paul

This issue of The Voice is presenting a special focus on the National Information Standards Organization's (NISO) role in international standards development. In the past, U. S. technical achievements and procedures which became NISO Z39 standards were so far ahead of any developments abroad, we faced little argument or competition when we presented them to the International Organization for Standardization (ISO) as proposed international standards. This is no longer true. Today, the U.S. organizations which form the National Information Standards Organization's constituency are faced with international sophistication that is equal to their own. Rather than face the delays that "market competition" and consensus standardization introduce into the U.S. standardization process, foreign governments with monies to spend on technology find quick national approval of their proposals and then seek international agreement.

U. S. industries must keep a watchful eye on international standardization. Within NISO we are striving to place additional emphasis on the international dimension of standards development and to develop a consensus on U. S. positions on international standards rather than reflect the opinions of only one or two U.S. experts.

Other organizations involved in information related standards are following a similar tack. For instance, at the time the International Organization for Standardization (ISO) established standardization work in robotics, a variety of U. S. projects were underway. Strong coordination efforts by the Information Systems and the Electrical Standards Boards of the American National Standards Institute resulted in an agreed-upon U.S. position and a well prepared U.S. delegation to the ISO meeting. The robotics ISO Technical Committee and its Subcommittees formed at that meeting reflected the U. S. position and interests appropriately.

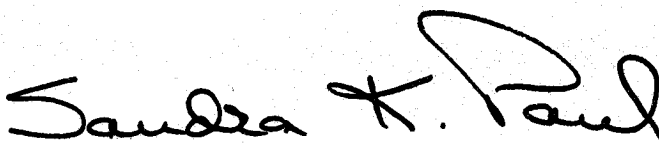
(Continued on page 26)

(Continued from page 25)

It was the need for this type of planning that inspired the creation of the International Standards Coordinating Committee of ANSI's Information Systems Standards Board (ISSB). (The ISSB is the group within ANSI to which NISO reports and on which I sit.) ISSB members agreed that increasing coordination across and among technology-based standards developers would be required in the future, so the International Standards Coordinating Committee was formed. Henriette Avram (Voting Representative to NISO from the Library of Congress) represents NISO on this coordinating committee. As a result of the association, NISO is building stronger links into the international arena. The October 1984 meeting of the ISCC featured a presentation by Avram on TC 46 and NISO describing both groups' organization and program. One immediate result of that presentation was an invitation for NISO as the Technical Advisory Group (TAG) to ANSI for ISO TC 46, to present a report on our concerns about areas of current and potential overlap between ISO TC 46 and TC 97 to American National Standards Committee X3's International Activities Committee.

NISO was also represented at the annual meeting of the Advisory Panel of the International ISBN Agency held in Berlin in October. This year 24 individuals from nine countries, including India and Japan, met in a two-day session that covered current problems and specific uses of the ISBN in different countries. One result of their efforts will be an international group reviewing the telecommunications protocols in use in the book trade. Ad Kramer of the Dutch Centraal Boekhuis is chairing this effort. A full report of their annual activities is available in their publication ISBN Review or from the NISO office.

We hope that the international flavor of this issue of The Voice and NISO's increasing involvement in international standardization will interest some of you to reap the benefits of becoming more involved in NISO's international activities. Those of us who have done so find it a constant challenge and source of stimulation.



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* The VOICE OF Z39 is the official publication of the National Information
* Standards Organization (Z39) - Library and Information Sciences and Related
* Publishing Practices, U.S. Department of Commerce, National Bureau of
* Standards, Library-Room E106, Gaithersburg, MD 20899.
*
* Sandra K. Paul, Chairperson; Patricia R. Harris, Executive Director.
* The VOICE is published three times a year and is sent to all Z39 voting
* members, information members, members of standards subcommittees and others
* on request.
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ACADEMIC PRESS  
AND CAPCON  
JOIN NISO

NISO's Voting Membership continues to grow! The NISO Executive Board is pleased to announce that the following organizations are now Voting Members: Academic Press, San Diego, California (Voting Representative, David Swanson; Alternate Voting Representative, Evelyn Sasmor); CAPCON Library Network, Washington, DC (Voting Representative, Joseph B. Ford).

NISO NEWS AND  
EVENTS

Seldon Terrant, a member of the NISO Executive Board died in late-November. Terrant had retired in June 1984 from the staff of the American Chemical Society. Terrant had been active in NISO affairs for many years. In addition to serving on the Executive Council, Terrant served as a Voting Representative to NISO from the Society of Scholarly Publishers. Terrant had served on Standards Committee Q revising Z39.1 (Format and Arrangement of Periodicals) and was a member of the NISO Finance Committee. His dedication to standards development and his expertise will be missed by NISO. . .  
Patricia W. Berger, former chairperson of NISO, received the Silver Medal awarded by the U. S. Department of Commerce, for "meritorious contributions of unusual value to the Department" in recognition of her extraordinary achievements in the area of information dissemination. Patricia Harris, NISO Executive Director, has been appointed to the Executive Standards Council of the American National Standards Institute. The Executive Standards Council is a 21-member committee of ANSI charged with the coordination of ANSI's program of standards development.

AN INTRODUCTION TO INTERNATIONAL STANDARDS DEVELOPMENT

The International Organization for Standardization (ISO) headquartered in Geneva is the international agency which develops and promotes international technical standards. In the U.S. the official member of ISO is the American National Standards Institute (ANSI). NISO functions as the Technical Advisory Group (TAG) to ANSI on all international standards having to do with documentation, publishing, information sciences, and libraries. Within ISO this work is carried out by Technical Committee (TC) 46. The secretariat for TC 46

is DIN, the standards developing body of West Germany.

At this time twenty-eight countries participate in the work of TC 46. TC 46 is organized into six Subcommittees (SC's) and five Working Groups (WG's). The U.S. is a Participating Member of two subcommittees: SC 4 Automation and SC 6 Data Elements. The charts and illustrations featured in this issue of The Voice describe the organization of TC 46.

A REPORT ON  
INTERNATIONAL  
BOOK AND  
PUBLISHING  
STATISTICS  
BY  
ROBERT W. FRASE

ISO Technical Committee 46: Documentation has become increasingly active in recent years in the field of international standards for compiling national statistics relating to published and library materials, and has taken the first steps toward establishing a new Subcommittee on Statistics. Such a new subcommittee was recommended by two existing TC 46 ad hoc working groups which met in London on October 15-19: WG 9, Library Statistics, and WG 11, Publishing Statistics. The scope of the proposed new subcommittee, which will have to be approved at the next Plenary Session of TC 46 in London in early May 1985, would include these two working groups and WG 8, Price Indexes, another ad hoc working group.

At the October meetings, the U.S. was represented by Sally McCallum and Robert W. Frase. On price indexes, Morton Hein of Denmark participated and also reported on the September 1984 meeting of ISO TC 46/WG 8 at Brown University, hosted by Fred Lynden, who had chaired the NISO Standards Committee that developed the U.S. Price Index standard Z39.20.

International  
Publishing  
Statistics

UNESCO has been collecting and publishing comparative national statistics on book, periodical and newspaper publishing for some thirty years, but it was not until 1964 that a formal "standard" on which to base its periodic questionnaires was approved by the UNESCO General Conference: Recommendation Concerning the International Standardization of Statistics Relating to Book Production and Periodicals. In the United States, there are two American National Standards paralleling the 1964 UNESCO Recommendation: Z39.8

**INTERNATIONAL  
PUBLISHING  
STATISTICS**

Compiling Book Publishing Statistics (originally published in 1968, revised in 1977 and reaffirmed in 1982); and Z39.39-1979 Compiling Newspaper and Periodical Publishing Statistics. In addition, Z39.40-1979 Compiling Microform Publishing Statistics conforms to the general format of the 1964 UNESCO Recommendation to permit comparing the volume and nature of publishing in printed and microform formats.

Following the ISO/TC 46 Plenary Meeting in Beijing, China in 1981, TC 46 moved to revise its 1974 library statistics standard so it would conform to the 1964 UNESCO Recommendation and expand its coverage of microform publications and audio and visual materials. Later, the UNESCO Secretariat amended the 1964 Recommendation and called a meeting, in September 1982, of twelve experts to consider revisions. The experts meeting did not, however, approve the proposal of the U.S. expert, Robert W. Frase, to add microform and audio and visual materials to the 1964 Recommendation. At the 1983 UNESCO General Conference, approval was given to circulate the revised 1964 Recommendation on publishing statistics to the 1985 General Conference. The UNESCO Secretariat then approved a revision of its publishing statistics questionnaire; this questionnaire was distributed as a pilot survey in April 1984.

**TC 46/  
Working Group 11  
Actions**

When TC 46/Working Group 11 on Publishing Statistics met in London in October 1984 for its third meeting it had before it the major question of how and when to coordinate its work with the revision of the 1964 UNESCO Recommendation. The decisions reached were:

- To give UNESCO its comments on the present Secretariat draft. The Working Group went over the UNESCO Secretariat draft at the meeting with Mr. Fanchette, chief of cultural statistics at UNESCO, and arranged to confirm these suggestions in writing. The UNESCO Secretariat plans to prepare a final draft of the revision of the 1964 Recommendation by May 1, 1985 for approval at the November, 1985 General Conference.

WG 11  
ACTIONS

- To include microform and electronic publications in the proposed standard. Audio and visual materials will not be included at this time. The Working Group reviewed in detail American National Standard Z39.40: Compiling Microform Publishing Statistics.
- To have a draft ISO standard prepared for consideration by WG 11 at the London meetings of TC 46 in May 1985. Mrs. Louise Taylor of the South African State Library in Pretoria will prepare this draft.
- Not to finalize a draft ISO standard on publishing statistics until there is an opportunity to review the final text of the revised 1964 Recommendation approved at the November 1985 meeting of the UNESCO General Conference. The Chairman elected to head WG 11 at the London meeting was Hans J. Aschenborn, Director of the State Library in Pretoria, South Africa. Other countries represented at the working group's meeting were the Federal Republic of Germany, Denmark, Great Britain and Sweden.

A REPORT ON  
SUBCOMMITTEE 6  
WORKING GROUP 1  
BY  
SALLY H. MCCALLUM

TC 46 Subcommittee 6/Working Group 1 Data Elements met October 18-19 at the British Standards Institute (BSI) Conference Center in London. There were two principal topics: definition of the scope for the working group and planning future work, and detailed review of the first draft of the data dictionary for acquisitions functions. The TC 46 Advisory Group has asked each SC and WG to review their scope. WG 1 agreed on the following: "Standardization of data elements and the type and content of messages required in documentation." The TC 46 Advisory Group also requested SC 4/WG 1 to determine the data dictionaries it expects to work on over the coming years. WG 1 has a data dictionary for Interlibrary Loan ready for distribution as a Draft Proposal (DP) and a working document for Acquisitions. The WG decided that the following data dictionaries would be developed in the following priority order: Information Retrieval with respect to bibliographic databases (data collection is to begin immediately); Circulation of bibliographic items; Consolidation of ILL, acquisitions, information retrieval and circulation data dictionaries; Preservation.

The draft Data Dictionary for Acquisitions was reviewed line by line, with considerable revision suggested. The convenor was given the latest version of the NISO purchase order standard. There were only a few NISO data elements missing and these were added. The convenor will redraft the document and circulate it in time to complete the final review by mail before the May 1985 Plenary Meeting of TC 46.

The WG plans a one-day meeting in London in May 1985 to: review the first draft of an Information Retrieval Data Dictionary; review comments returned from the ballot on the ILL Data Dictionary; and review and recommend the Acquisitions Data Dictionary as a Draft Proposal for ballot by the TC 46 Participating Members.

**INTERNATIONAL  
LIBRARY  
STATISTICS**

Working Group 9 on International Library Statistics held its third meeting October 15-16 at the BSI Conference Center in London. The Working Group is revising the ISO standard for Library Statistics ISO 2709-1974 to make it consistent with the statistics collected internationally by UNESCO. It is desirable that the ISO standard provide a well-developed base for the UNESCO questionnaire and that the requirements of UNESCO and IFLA be kept in mind as the standard is revised since these two international organizations will be the main agencies gathering and reporting multi-national statistics. The Z39 standard on library statistics (Z39.7) while much more detailed than the ISO standard has been one of the resources for the new ISO draft. This latest draft is being prepared by the South African representative. It will be distributed in February 1985, and will be reviewed at the next WG meeting scheduled to be held in London in May 1985.

**A REPORT ON  
WORKING GROUP 8  
PRICE INDEXES  
by  
Fred Lynden**

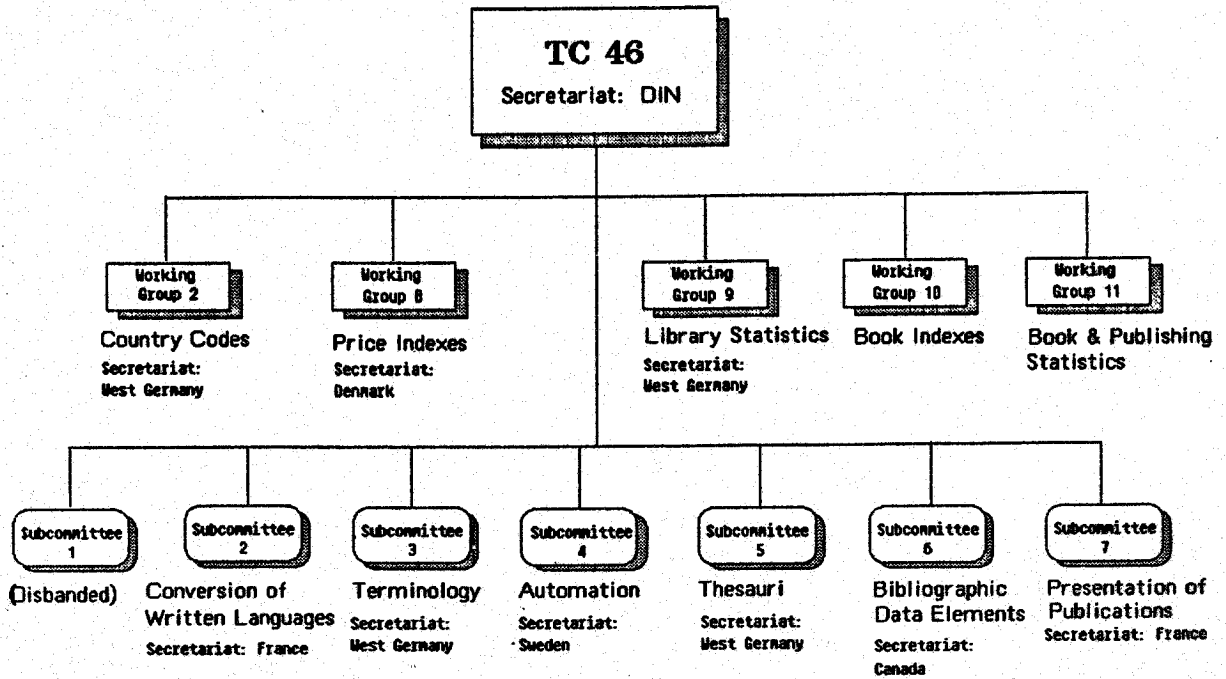
TC 46 Working Group 8 on Price Indexes met in the U.S. October 4 and 5, 1984 to review a draft standard. Fred Lynden, who represents the U.S. on Working Group 8, hosted the meeting. Also attending from the U.S. were a representative of the F.W. Faxon Company (a Voting Member of NISO) and Mary Beth Clack serials librarian, Harvard University. The WG decided on several important principles which will be incorporated in the draft standard: National indexes will report the published (or

list) prices of materials whereas local indexes will report the purchase price (cost) of materials; the WG recommends that vendor databases be used in constructing serial price indexes as they contain the most comprehensive and up-to-date information.; in cases where there is an option, the WG will require that the maker of the price index state what option is being used, for example, "imprint date", or "calendar year of publication". A revised draft will be circulated to the WG and reviewed at the WG's next meeting to be held in May 1985 in London.

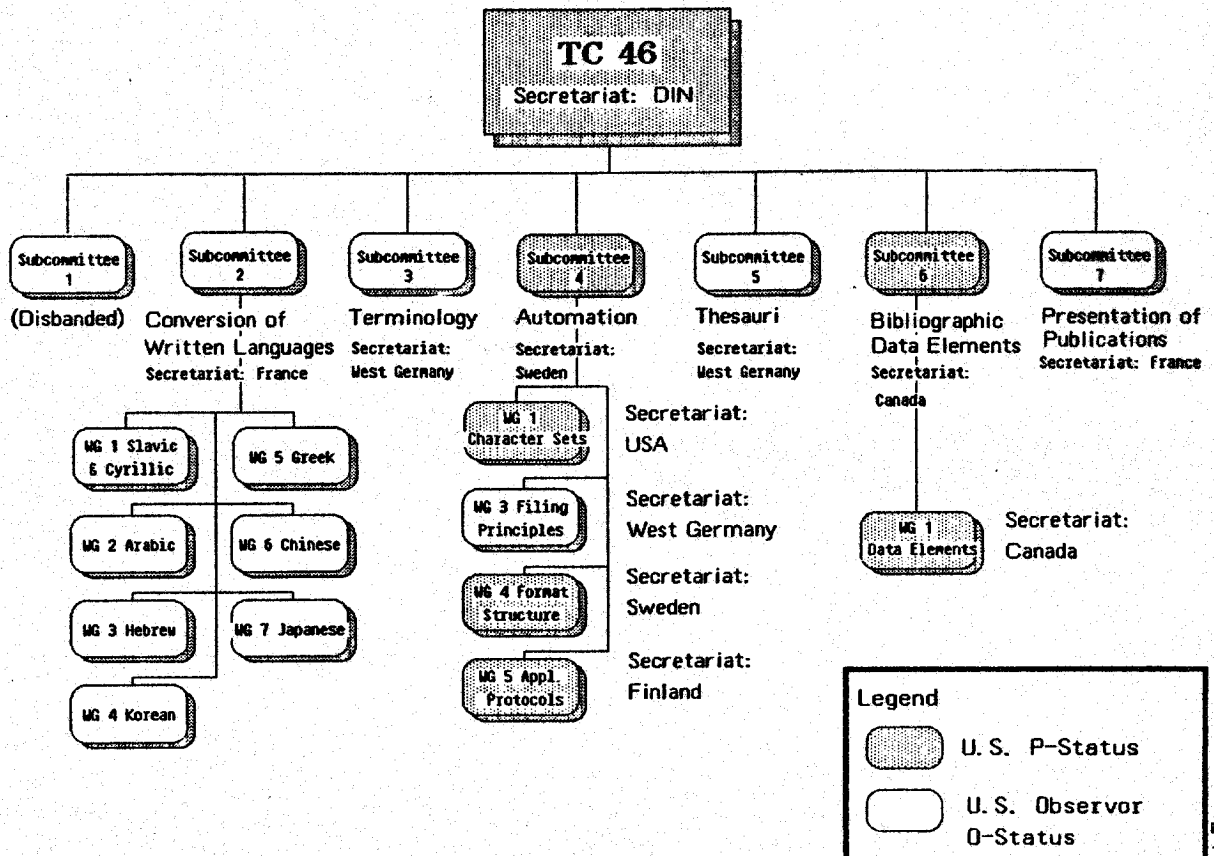
### P - Members in TC 46 Subcommittees

Country	Subcommittee 2	Subcommittee 3	Subcommittee 4	Subcommittee 5	Subcommittee 6	Subcommittee 7
Australia						
Austria	■		■		■	
Belgium	■	■	■		■	■
Brazil		■		■		■
Canada		■	■	■	■	■
China	■				■	
Colombia		■				■
Czechoslovakia			■			
Denmark		■	■	■	■	■
Finland	■				■	■
France	■		■	■	■	■
Germany, F.R.	■	■	■	■	■	■
Hungary		■	■	■	■	■
India		■				
Israel	■					
Italy	■	■		■	■	
Iran		■				
Japan	■	■	■	■	■	■
Netherlands		■	■	■	■	■
Norway		■	■	■		
Poland		■			■	■
Portugal	■					
South Africa			■		■	■
Spain					■	■
Sweden			■		■	
United Kingdom			■	■	■	
U.S.A.			■		■	
U.S.S.R.	■	■	■	■	■	■
Totals	11	15	16	12	19	15

## Organization of ISO TC/46 Documentation



## TC 46 Subcommittees (SC) and SC Working Groups



NISO Drawing 2  
10/84

DIRECTORY OF  
U.S. STANDARDS  
ACTIVITIES  
PUBLISHED

A new directory of mandatory and voluntary standards activities in the United States has been issued by the National Bureau of Standards. Standards Activities of Organizations in the United States (SP-681) was prepared by the NBS Office of Product Standards Policy. The directory summarizes the standardization activities of over 750 organizations in the U.S., including federal and state agencies and approximately 420 private sector groups. Copies of the directory are available for \$13 prepaid (\$16.25 foreign) from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Order by stock number 003-003-02602-6.

ANSI PUBLIC  
CONFERENCE TO  
FOCUS ON  
HIGH TECH  
STANDARDS

The 1985 ANSI Public Conference will evaluate progress in three rapidly developing industries: robotics, telecommunications, and electronic imaging. The meeting will be held March 27 in Chicago. Contact Russell Bodoff at ANSI, (212-354-3300) for further details.

NEWS FROM  
X3  
INFORMATION  
SYSTEMS

American National Standards Committee X3 announces a four-month public review and comment period on draft proposal X3.4.2 8-Bit Code for Information Interchange (8-bit ASCII Code). This draft standard specifies the coded character sets to be used for information interchange among information processing systems, communication systems, and associated equipment in an 8-bit environment. Public review ends March 9, 1985. Copies may be obtained from the X3 secretariat, CBEMA, Suite 500, 311 First St., NW, Washington, DC 20001. Orders must include prepayment of \$15 and a self-addressed mailing label. X3'S Committee K1 is working to develop a draft standard for the documentation for applications software packages for small computers. The proposed standard would include: installation of the program, operation of program functions, user options, and user support. For more information contact the X3 secretariat at the address noted above.

INTERNATIONAL STANDARDS NOW AVAILABLE

The following ISO standards developed by ISO TC 46 are now available for purchase for the prices indicated, plus \$4.00 handling charge from the American National Standards Institute, 1430 Broadway, New York, NY 10018 (212) 354-3300.

ISO 5123  
HEADERS FOR  
MICROFICHE OF  
MONOGRAPHS &  
SERIALS

This standard which was prepared jointly by TC 46 (Documentation) and TC 171 (Micrographics) sets the rules for the presentation of the information provided in the header area of microfiche produced for distribution by or to libraries and information centers.

COST: \$14.00

ISO 5428  
GREEK ALPHABET  
CODED CHARACTER  
SET

ISO 5428 contains a set of 73 graphic characters with their coded representations; the standard consists of a code table and a legend showing each graphic, its use, and its name. These characters, together with characters in the international reference version of ISO 646 (ISO escape sequence) constitute a character set for the international interchange of bibliographic citations, in the Greek alphabet. COST: \$14.00

ISO 259  
TRANSLITERATION  
OF HEBREW  
CHARACTERS INTO  
LATIN

ISO 259-1984 establishes a system for the transliteration of Hebrew characters into Latin characters following the principles of stringent conversion. ISO 259 is one of a series of International Standards dealing with the conversion of systems of writing. The goal of these standards is to provide a means for international communication of written messages in a form which permits the automatic transmission and reconstitution of these by men or machines. COST: \$16.00

ISO 5427  
EXTENSION OF THE  
CYRILLIC  
ALPHABET CODED  
CHARACTER SET

ISO 5427 specifies a set of 42 graphic characters with their coded representations. It consists of a code table and a legend showing each graphic, its use and name. The characters together with characters in the basic Cyrillic set for bibliographic use registered as number 37 in the ISO International Register constitute a character set for the international interchange of bibliographic citations in the Cyrillic alphabet. COST: \$12.00

ISO 233  
TRANSLITERATION  
OF ARABIC  
CHARACTERS INTO  
LATIN

ISO 233 establishes a system for the transliteration of Arabic characters into Latin characters following the principles of stringent conversion. COST: \$16.00

DRAFT STANDARDS

The following new draft standards are now being circulated for comment; please contact the NISO Office to request a copy of the draft standard:

**STANDARD FOR  
COMPUTER SOFTWARE  
NUMBERING**

Developed by Standards Committee BB, chaired by David Cohen (Technique Learning Corporation), this draft standard proposes a thirteen digit identification number for micro- and mini-computer software. The proposed number consists of five parts: Registrant number (5 digits), Product Number (4 digits), Unit number (3 digits), and a one-digit check character. The comment period closes February 15, 1985.

**CRITERIA FOR  
ROMANIZATION SYSTEMS  
Z39.51**

Criteria for Romanization Systems defines the rules and guidelines for the development of other American National Standards which will provide for the Romanization of individual non-Roman scripts. Romanization systems developed under the terms of this standard are intended to be used by man or machine. This draft standard was developed by NISO Standards Committee L chaired by Charles Husbands (Harvard University).

**OPEN SYSTEMS  
INTERCONNECTION  
Z39.50**

This standard allows a terminal user, with access to a local computer to query the database of a remote computer, using procedures and formats of a local computer. The protocol specifies the procedures and structures for the intersystem submission of a search request (including the syntax of the query), request for the transmission of database records located by a search, and the responses to the request. This draft standard was developed by Standards Committee D chaired by Ray Denenberg (Library of Congress).

## Z39 STANDARDS ACTION

This is a capsule report on the work that is ongoing in NISO's 22 standards committees; to request a copy of a draft standard or to be placed on the Observer's List to any standards committee contact the NISO Office (312-921-3241). To learn more about a particular standards committee's work, please contact the Committee chairperson.

### NISO STANDARDS BEING REVISED

- Z39.1-1977  
Periodicals:  
Format & Arrangement  
SC Q  
A revised draft incorporating many of the comments suggested by Voting Members and others is being prepared and will be circulated for vote or comment in early 1985. SC Q chair: Ed Barnas, John Wiley and Sons, 605 3rd Avenue, New York, NY 10016 (212) 692-6040.
- Z39.5-1984  
Abbreviation of  
Titles of Periodicals  
This revised standard will be published by ANSI in early 1985.
- Z39.10-1977  
Directories of  
Libraries and  
Information  
Centers  
SC X  
The revised standard will be generalized to apply to directories of any and all types of organizations. A draft will be circulated for comment to NISO Voting Members, Information Members, and other interested parties in early 1985. SC X chair: Scott Bruntjen, PRLC, Chatham College, Beatty Hall, Pittsburgh, PA 15232 (412) 441-6409.
- Z39.18-1974  
Guidelines for  
Format & Production  
of Scientific and  
Technical Reports  
SC P  
The committee is proceeding with a major rewrite and revision of Z39.18. The revised standard will be organized into three parts: report organization, report preparation, and report production. SC P chair: Tom Pinelli, NASA Langley Research Center, Mail Stop 425, Hampton, VA 23665 (865-2994).
- Z39.29-1977  
Bibliographic  
References  
SC 4  
The Standards Committee is completing its evaluation of the standard. SC 4 chair: Bob Tannehill, Library Manager, Chemical Abstracts Service, P.O. Box 3012, Columbus, OH 43210 (614) 421-3600, ext. 2028.

NEW STANDARDS IN DEVELOPMENT

Language Codes  
SC C

A first draft will be circulated for comment and/or vote in 1985. SC C chair: John Byrum, Descriptive Cataloging Division, Library of Congress, Washington, DC 20540 (202) 287-5194.

Computer-to-  
Computer  
Protocol  
SC D

This draft standard, Z39.50, has been circulated to the NISO Voting Members for vote; balloting closed November 12, 1984; negative votes were submitted by OCLC, Inc., American Chemical Society, and Association of Research Libraries. The standards Committee is reviewing the negative ballots and comments; a revised standard will be prepared in 1985. SC D chair: Ray Denenberg, Network Development Office, Library of Congress, LM-327, Washington, DC 20540. (202) 287-5119.

Serial Holdings  
Statements  
SC E

A revised standard has been prepared incorporating many of the suggestions received during the 1984 balloting of this standard. It is anticipated that the standard will be approved by the ANSI Board of Standards Review and published in 1985. SC E chair: Susan Brynteson, Director of Libraries, University of Delaware Libraries, Newark, DE 19711 (302) 738-2231.

Common Command  
Language  
SC G

The committee will focus on specifying the vocabulary, syntax, and semantics of a common command language to facilitate the use of interactive information. The committee met in October 1984 and will hold its second meeting in February 1985. SC G chair: Charles Hildreth, OCLC, Inc., 6565 Frantz Road, Dublin, OH 43017 (614) 764-6172.

Patent Numbering  
Application  
SC H

A first draft of this standard will be circulated for comment in 1985. SC H chair: Philip Pollick, Senior Information Scientist, Chemical Abstracts Service, P.O. Box 3012, Columbus, OH 43210 (614) 421-3600, ext. 2607.

Bibliographic Data  
Source File  
Identification  
SC J

The draft standard for Bibliographic Data Source File Identification was circulated for comment to the NISO Voting Members and others in September 1984. The committee is reviewing the comments submitted. SC J chair: Ted Brandhorst, ERIC Processing and Reference Facility, 4833 Rugby Avenue, Suite 301, Bethesda, MD 20814 (301) 656-9723

Romanization  
SC L

A draft standard Z39.51 Criteria for Romanization Systems was circulated to the NISO Voting Members and other interested parties in September 1984. Two negative votes (Association of Research Libraries and the Association of Jewish Libraries) were submitted, as well as extensive comments. The Standards Committee is evaluating the responses. SC L chair: Charles Husbands, OSPR, Widener 88, Harvard University Library, Cambridge, MA 02138 (617) 495-3724.

Environmental  
Conditions for  
Storage of  
Paper-Based  
Library Materials  
SC R

A first draft has been prepared and will be circulated for comment and/or vote in 1985. SC R chair: Paul Banks, Columbia University, School of Library Service, 516 Butler Library, New York, NY 10027 (212) 280-4178.

Permanence of  
Paper for  
Printed Library  
Materials

The finished standard, Z39.48-1984 Permanence of Paper for Printed Library Materials will be published in January 1985.

Standard Order  
Form for the  
Purchase of  
Multiple Titles  
SC T

A draft standard will be circulated for vote to the NISO Voting Members in early 1985. Coordinator to SC T: Mary Ellen Jacob, OCLC, Inc. 6565 Frantz Road, Dublin, OH 43017 (614) 764-6063.

Format for  
Computerized  
Book Ordering  
SC U

The finished standard, Z39.49 will be published in early 1985. SC U chair: Ernest Muro, Baker and Taylor Company, 6 Kirby Avenue, Somerville NJ 08876 (201) 526-8000.

Identifier for  
Information  
Organization  
SC V

The Standards Committee is gathering information on library identifiers now in use and other approaches to library identification. SC V chair: Marjorie Bloss, Assistant Director, IIT Library, 3300 South Federal Street, Chicago, IL 60616 (312) 567-5265.

Non-Serials Holdings  
Statement  
SC W

A first draft is under review and will be circulated for comment in 1985. SC W chair: Stephen Paul Davis, Network Development Office, Library of Congress, LM-327, Washington, DC 20540 (202) 287-5092.

Eye-legible  
Information  
on Microfilm  
Leaders, etc.  
SC Z

The Standards Committee has outlined the components of a draft standard; a first draft will be circulated in 1985. SC Z chair: Louis C. Willard, Speer Library, Princeton Theological Seminary, P.O. Box 111 Princeton, NJ 08540 (609) 921-8092.

Interlibrary  
Loan Form  
SC AA

A draft form is being field tested in the ALANET online service. SC AA chair: Olive James, Head, Loan Division, Library of Congress, Washington, DC 20540 (202) 287-5440.

Standard Computer  
Software Number  
SC BB

The draft standard was circulated for comment to the NISO Voting Members, Information Members and other interested parties in November 1984. The comment period closes February 15, 1985. SC BB chair: David Cohen, Technique Learning Corporation, 40 Cedar Street, Dobbs Ferry, NY 10522 (914) 693-8100.

Serial Item  
Identifier  
SC CC

A draft standard will be circulated for comment in 1985. SC CC chair: Wendy Riedel, National Serials Data Program, Library of Congress, Washington, DC 20540 (202) 287-6452.

# National Information Standards Organization [Z39]



Standards for Libraries / Information Sciences / Publishing

TO: National Information Standards Organization (Z39)  
National Bureau of Standards  
Administration 101, Library E106  
Gaithersburg, MD 20899



FROM: Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
city/state \_\_\_\_\_ zip \_\_\_\_\_

I would like information on Voting Membership in the National Information Standards Organization (Z39). I understand that the full membership involves an annual Voting Member fee ranging from \$200 to \$4,000, depending upon our organization's budget relating to libraries, information services, and publishing practices.

Please send me an application for non-voting Information Membership in NISO (Z39). I understand that there is a \$100 annual fee, which entitles our organization to the newsletter, the Voice of Z39, press releases, and copies of draft standards in the process of development for review and/or comment.

Please add my name to the mailing list for the Voice of Z39.

I would like to serve on a NISO (Z39) Standards Committee. My pertinent areas of interest and/or expertise include: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I would like to receive the draft of the standard for \_\_\_\_\_  
\_\_\_\_\_ when it is circulated for review.

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