CHAIRPERSON'S MESSAGE

Z39 and technical standards were very much in evidence at the ALA Annual Conference in Philadelphia, July 10-15, 1982. Standards coverage included the following:

-- A table top exhibit of Z39 materials for free distribution.

-- Poster sessions at which Linda K. Bartley, Chairperson of the Z39 Publicity Committee was present to discuss posters which she had designed with the assistance of Regina Reynolds. Four Z39 standards were featured: Z39.30-1982 Order Form for Single Titles of Library Materials in three-inch by five-inch Format; Z39.29-1977 Bibliographic References; Z39.9-1979 International Standard Serial Numbering; and Z39.24-1976 System for the Romanization of Slavic Cyrillic Characters. The exhibit technique was to represent, by colored illustrations, some of the chaos which can ensue in the absence of standards. For all four standards, this graphic message was reinforced by persuasive text.

-- At a program entitled "Beyond Automated Circulation: Linking with Other Library Functions" cosponsored by the Library Administration and Management Association (LAMA) Circulation Services Section and the Library and Information Technology Association (LITA), the compelling need to apply existing standards and develop additional ones was stressed. ANSI Z39.2, MARC, protocols, ISO Reference Model for Open Systems Interconnection, standards, interface, integration, and authority control were emphasized by Rob McGee, Ed Brownrigg, Mary Ghikas, Hank Epstein and Hugh Atkinson.

-- A Program entitled "Standard Network Interconnection: Progress and Prospects" sponsored by the LITA Technical Standards for Library Automation (TESLA) Committee, gave conference attendees the opportunity to learn about the CLR-supported Linked Systems Project that is focused on the development and implementation of a standards mechanism for interconnecting the computer systems of the WLN, RLG/RLIN and LC bibliographic networks. Discussion included the work of Z39's Subcommittee D chaired by David C. Hartmann aimed at developing an ANSI standard for a computer-to-computer protocol. This is a companion effort directed at the development of the applications layer protocol, a quasi-tutorial on the standards approach to linking these systems with emphasis on the ISO Reference Model, a discussion of the authority application—likely the first bibliographic application to be implemented in this work, and other possible uses. Speakers were Wayne Davison, Jim Aagard, Sally H. McCallum, and Ray DeBuse.

-- At one of the meetings of the LITA TESLA Committee an analysis was presented of MARC-related compatibility—whether criteria can be established for various applications such as for home grown or vendor developed subsystems, and or acquisitions, check-in and circulation.

Patricia W. Berger
Revised ANSI Procedures

In June ANSI distributed its revised Procedures for the Development and Coordination of American National Standards. Z39 will distribute copies to Z39 voting members and alternates, Z39 Information Members, Executive Council and Subcommittee Chairs. Others may obtain single copies free by writing to the American National Standards Institute, 1430 Broadway, New York, New York, 10018.

These revised Procedures come into effect on September 1, 1982 but American National Standards Committees and Accredited Organizations have two years after that date in which to bring their practices into compliance. Not much change will be required in Z39 practices. One favorable change in the revised ANSI Procedures is to give standards committees some flexibility in the voting period for letter ballots on reaffirmations, revisions, or new standards. The voting period is still specified as six weeks, but "an extension may be granted at the Chairman's option, when warranted."

Shortly after the revised ANSI Procedures were distributed, ANSI issued a correction on June 25. The second paragraph of Section 4.4 dealing with interpretations was deleted, leaving only the first paragraph standing. The paragraph which remains and the paragraph which was deleted are shown below:

"The American National Standards Institute does not develop standards and will in no circumstances give an interpretation of any American National Standard. Moreover, no person shall have the right or authority to issue an interpretation of an American National Standard in the name of the American National Standards Institute.

"Standards-developers,-accredited under these procedures,-shall-interpret their standards-(that have been approved-as-American-National Standards)-in-their-own-name.--They shall develop and strictly adhere to-written-procedures-governing their-interpretation-process.--Such procedures-for-interpretation shall ensure that adequate due process and consensus exists with respect to any given interpretation."

This deletion was made because of the decision of the U.S. Supreme Court on May 17, 1982 in the Hydrolevel Case. The Court ruled that the American Society of Mechanical Engineers was liable for the actions of two volunteer subcommittee officers who caused ASME to issue a misinterpretation of a standard that resulted in a competitive disadvantage to the plaintiff - the Hydrolevel Corporation. This decision involved a product standard of ASME and therefore would not seem to be applicable to Z39 which does not issue product standards. The present Z39 Bylaws do not deal with the subject of interpreting Z39 standards, but study will be given to including a provision relating to interpretations when the Bylaws are next revised.

1983 Annual Meeting

The next Annual Meeting of American National Standards Committee Z39 will be held at the Library of Congress on April 28, 1983.

Questionnaire on Holdings of Z39 Standards

Returns of the questionnaire on holdings and cataloging of Z39 standards which appeared in the April 1982 issue are still coming in. Thus far we have had 42 responses. The tabulations of the results will appear in the October 1982 issue of the Voice. Meanwhile, additional returns of the questionnaire will be appreciated.
Order Form Standard Published


This standard provides for a three-inch by five-inch form for ordering single titles of print (both monographic and serial) and nonprint materials. An alternate form in double size, three inches by ten inches, which can be folded and still fit into three by five files, is provided for organizations that find the three by five size inadequate to meet their needs (for ordering foreign materials, for example) are free to enlarge the form. The forms may be prepared by typewriter, by computer, or by hand. The spacing is consistent with 10-pitch (pica) and 12-pitch (elite) typewriters and is compatible with computer line printers.

It is expected that the order forms will be made available in sets by commercial supply houses with or without imprinting, but users may also have the forms printed locally in such colors and numbers of copies as they may specify.

This is the first Z39 published standard that carries the ISSN of the Z39 series in the upper right hand corner on the cover and the title page. In addition, this standard contains more complete CIP data including the series statement of the Z39 standards. The CIP data reads as follows:

Library of Congress Cataloging in Publication Data

American National Standards Institute
American national standard for order form for single titles of library materials in 3-inch by 5-inch format.

Z39, American National Standards on library and information sciences and related publishing practices, ISSN 0276-0762 ; Z39.30-1982)
Processed and approved for submittal to ANSI by American National Standards Committee on Library and Information Sciences and Related Publishing Practices, Z39.

"ANSI Z39.30-1982."

I. Acquisitions (Libraries) - Forms - Standards - United States.
I. Council of National Library and Information Associations (U.S.)
II. American National Standards Committee on Library and Information Sciences and Related Publishing Practices, Z39.
III. Title.
Z689.A63 1982 025.2 82-8739
AACR2

Library Trends Fall Issue

There will be a panel discussion of the Fall 1982 issue of Library Trends on technical standards affecting library and information sciences and related publishing practices at the ASIS meeting in Columbus, Ohio, October 18-22, 1982. The authors and articles in this Library Trends issue are as follows:

Introduction, James E. Rush, issue editor;
Organizations Contributing to the Development of Library Standards by Henriette Avram and Sally H. McCallum and Mary S. Price;
Procedures for Development and Access to Published Standards by Robert W. Frase;
A Proposed Model for the Development of an Integrated Set of Standards for Bibliographic and Related Data by James E. Rush;
Communication Standards for Online Interchange of Library Information by Thomas P. Brown;
Library Standards for Data Structures and Element Identification; US MARC in Theory and in Practice by Walt Crawford;
Standards and Bibliographic Data Representation by Robert S. Tannehill, Jr. and Charles W. Husbands;
Standards Viewed from the Applications Perspective by Sandra K. Paul and Johnnie E. Givens; and
Factors Influencing the Use of Technical Standards in a Nationwide Library and Information Service Network by James L. Wood.
Z39 Information Members

As a result of a letter to all members of the Association of Research Libraries not already Z39 Information Members from Larry X. Besant, Z39 Membership Chairman which was endorsed by the ARL President, a considerable number of additional ARL members have become Z39 Information Members. As of July 30, 1982 the following organizations held Z39 Information Memberships at $100 per year entitling them to annual reports, press releases, the Voice of Z39, and on request copies of standards in process of development:

American Mathematical Society
Brigham Young University
Brown University
Clemson University
Cornell University
Delaware Division of Libraries
Duke University
EPA Library
Follett Corporation
Government Printing Office
Kent State University
Massachusetts Institute of Technology
McMaster University Library
Michigan State University
National Library of Canada
New York Public Library
New York State Library
New York University
Northern Illinois University
Northwestern University
Ohio State University
Philadelphia College of Pharmacy and Science
R.K. Donnelly and Sons, Inc.
Smithsonian Institution Library
Stanford University
SUNY at Buffalo
Thompson and Rutter, Inc.
U.S. Customs Service Library
University of Akron
University of Arizona
University of British Columbia
University of California - Riverside
University of Chicago
University of Colorado
University of Florida
University of Hawaii
University of Houston
University of Houston
University of Maryland
University of Missouri
University of New Hampshire
University of South Carolina
University of Tennessee
University of Texas at Houston
University of Tulsa
University of Virginia
University of Washington
University of Wisconsin - Madison

Voice of Z39 Mailing List

If you no longer wish to receive the Voice of Z39, or we have the wrong name and/or address for you, please complete the form below and send a copy to the Z39 office address shown on page 30 of this issue.

☐ STOP SENDING ME YOUR PUBLICATION
☐ CHANGE MY MAILING LABEL AS FOLLOWS:

Old Mailing Address: (Attach your current mailing label, if possible, as the number on the first line aids us in locating your name in the computer)

New Mailing Address (our computer will only handle four lines of 30 spaces each, so please furnish any necessary abbreviations):
Status of Revisions and Reaffirmations of Published Standards

Z39.1--Periodicals: Format and Arrangement
    Being revised. See entry under SC Q.

Z39.4--Basic Criteria for Indexes
    Being revised. See entry under SC K.

Z39.5--Abbreviation of Titles of Periodicals
    Being revised. See entry under SC A.

Z39.6--Trade Catalogs
    Being revised in consultation with William Lofquist, Department of Commerce.

Z39.7--Library Statistics
    Being revised. See entry under SC 42.

Z39.8--Compiling Book Publishing Statistics
    Approved by ANSI for reaffirmation.

Z39.10--Directories of Libraries and Information Centers
    Being revised. See entry under SC X.

Z39.11--System for the Romanization of Japanese
    Under consideration for reaffirmation by SC L.

Z39.12--System for the Romanization of Arabic
    Under consideration for reaffirmation by SC L.

Z39.18--Guidelines for Thesaurus Structure, Construction and Use
    Being revised. See entry under SC P.

Z39.20--Criteria for Price Indexes for Library Materials
    Being revised. See entry under SC I.

Z39.23--Technical Report Number
    Being revised, reballot will be sent out in August.

Z39.24--System for the Romanization of Slavic Cyrillic Characters
    Under consideration for revision by SC L.

Z39.25--Romanization of Hebrew
    Under consideration for revision by SC L.

Z39.27--Structure for the Identification of Countries of the World for Information Interchange
    The second edition of ISO/2166, Code for the Representation of Names of Countries was published in 1981. Consultation has begun with interested Federal agencies on transforming the second edition of the ISO standard into a revision of Z39.27. The Z39 office may undertake the functions of the maintenance agency for the revised ISO standard and the revised American standard if another suitable organization cannot be found.

Z39.29--Bibliographic References
    A partial revision, including changes in the treatment of patent documents to conform to the recommendations of SC H, is being undertaken by R.S. Tannehill, Jr.

Z39.31--Format for Scientific and Technical Translations
    Under consideration for reaffirmation.

Z39.33--Development of Identification Codes for Use by the Bibliographic Community
    Submitted to ANSI for reaffirmation.

Z39.34--Synoptics
    Will be submitted to ANSI for reaffirmation.
STATUS OF WORK IN SUBCOMMITTEES

SC 5—Romanization of Yiddish—Chairperson, Herbert Zafren, Hebrew Union College, Jewish Institute of Religion, 3101 Clifton Avenue, Cincinnati, OH 45220 (512-221-1875)

This standard has been submitted to ANSI/BSR.

SC 7—Library Statistics—Chairperson, Katherine Emerson, University of Massachusetts Library, Amherst, MA 01003 (413-544-2780)

A further revision of Z39.7-1974 will be sent out for a second balloting in August.

SC 36—Single Title Order Form—Chairperson, Peter Jacobs, BroDart, Inc., 1609 Memorial Avenue, Williamsport, PA 17701 (717-326-2461)

Z39.30 Order Form for Single Titles of Library Materials in three-inch by five-inch format was approved in May 1982. This subcommittee is being dissolved with thanks. See entry under SC T.

SC 42—Serial Claim Form—Chairperson, Lois N. Upham, School of Library Service, University of Southern Mississippi, Southern Station, P.O. Box 5146, Hattiesburg, MS 39401 (601-266-7167)

A further revision of this draft standard will be sent out for a second balloting in August.

SC A—Abbreviation of Titles of Periodicals—Chairperson, Robert S. Tannehill, Jr., Library Manager, Chemical Abstracts Service, P.O. Box 3012, Columbus, OH 43210 (614-421-6940)

A revision of ISO/4 on which Z39.5 is based has been approved for publication and the text is in hand. Another member has been added to the subcommittee which has begun on a revision of Z39.5 (R1974) Abbreviation of Titles of Periodicals.


No further activity has been reported since the January issue of the Voice.

SC D—Computer-to-Computer Protocol—Chairperson, David C. Hartmann, MITRE Corporation, Dept. W73, Mail Stop W966, 1820 Dolly Madison Blvd., McLean, VA 22102 (703-827-6782)

The work of the consultant for the Council on Library Resources is being reviewed by the subcommittee as the work progresses. It is anticipated that the subcommittee will be in a position to start drafting a standard in the Fall of 1982.

SC E—Serials Holdings Statements at the Detailed Level—Chairperson, Susan Brynteson, Director of Libraries, University of Delaware, Newark, DE 19711 (302-738-2231)

A draft of this standard was sent out for vote in Z39 on July 15 with a return date of August 26, 1982.
STATUS OF WORK IN SUBCOMMITTEES (continued)

SC G--Standard Terms, Abbreviations and Symbols for Use in Interactive Information Retrieval
Chairperson, Pauline Atherton Cochrane, Syracuse University, School of Information Studies, 113 Euclid Avenue, Syracuse, NY 13210 (315-423-2911)

A working paper prepared by the Chair of the subcommittee was sent out for comment on July 6 (return date September 15) to Z39 voting representatives and alternates, Z39 subcommittee chairs and the Z39 Executive Council.

SC H--Patent Data Element Identification and Application Numbering--Chairperson, Philip J. Pollick, Senior Information Scientist, Chemical Abstracts Service, P.O. Box 3012, Columbus, OH 43210 (614-421-6940)

Comments from Z39 members to the draft standard for Patent Data Identification have been reviewed and incorporated into a final draft which has been sent to the Subcommittee for final approval.

The final version of the Draft Standard for Patent Data Identification will be completed by the end of August and submitted to Z39 for a vote. Preliminary drafts for the numbering of US Patent Applications and the numbering of patent applications from foreign countries are being prepared for discussion by the Subcommittee at its Fall meeting.

SC I--Price Indexes for Library Materials--Chairperson, Fred C. Lynden, Technical Services, Brown University Library, Providence, RI 02912 (401-863-2162)

A revision of Z39.20-1974 Criteria for Price Indexes for Library Materials was sent out for ballot to Z39 voting representatives on June 25 with a return date of August 6.

SC J--Bibliographic Data Source File Identification--Chairperson, W. Theodore Brandhorst, Director, ERIC Processing and Reference Facility, 4833 Rugby Avenue, Suite 303, Bethesda, MD 20014 (301-656-9723)

Invitations have been sent to several individuals who have agreed to serve on the reorganized subcommittee.

SC K--Basic Criteria for Indexes--Chairperson, Jessica L. Milstead, 875 Marion Road, Cheshire, CT 06410 (203397-3893)

A reballot on the revision of Z39.4 Basic Criteria for Indexes was completed on May 5, 1982 and there were three negative votes which are in process of resolution.


The subcommittee is discussing a new paper on principles of romanization, which may result in a working paper distributed for comment. The subcommittee also has considered the revisions of Z39.11 System for the Romanization of Japanese, Z39.12 System for the Romanization of Arabic, Z39.24 System for the Romanization of Slavic Cyrillic Characters, Z39.25 Romanization of Hebrew.
STATUS OF WORK IN SUBCOMMITTEES (continued)

SC N--Coded Character Sets for Bibliographic Information Interchange--Chairperson, Charles T. Payne, University of Chicago Library, Chicago, IL 60637 (312-753-2908)

It is expected that a draft standard may be ready for comment or vote by late summer of 1982.

SC P--Guideline for Format and Production of Scientific and Technical Reports--Chairperson, Astor V. Kane, NTIS, Box 1425 Springfield, VA 22151 (703-487-4696)

The subcommittee has rejected the use of a common definition for the use of technical report in the revision of Z39.18 Guidelines for Format and Production of Scientific and Technical Reports and Z39.23 Technical Report Number for the time being but this possibility will be considered again when further revisions are required.

SC Q--Periodicals: Format and Arrangement--Chairperson, Ed Barnas, John Wiley and Sons, 605 3rd Avenue, New York, NY 10016 (212-850-6000)

A task group of the Subcommittee met with the new Chairman Mr. Ed Barnas in July to work on a revision of Z39.1-1977 Periodicals: Format and Arrangement.


The subcommittee has received a grant from outside Z39 to conduct its work and it will now begin active development of a draft standard.

SC S--Permanent Paper for Library Materials--Chairperson, Gay Walker, Head, Preservation Department, Yale University Library, Box 1603A, Yale Station, New Haven, CT 06520 (203-436-8176)

The subcommittee is working on a draft of a standard which has not yet been submitted for voting.

SC T--Standard Order Form for the Purchase of Multiple Titles--Chairperson, Peter Jacobs, BroDart, Inc., 1609 Memorial Avenue, Williamsport, PA 17701 (717-326-2461)

The subcommittee has met several times and expects to have a draft for comment before the end of the summer.


The subcommittee met on July 15 to:

Outline proposed bridge program between fixed and variable formats;
Review final data element comparison between fixed and variable formats;
Comparison of Proposed Standard with TESLA and other library standards organizations.
STATUS OF WORK IN SUBCOMMITTEES (continued)

SC U--Standard Format for Computerized Book Ordering (continued)

The tentative timetable for completion of the work of the subcommittee is as follows: meeting tentatively scheduled for August 10: introduce X12; meeting tentatively scheduled for September 16, 1982, first draft standard in preliminary ANSC style, X12 Data element comparison; October, final draft standard in ANSC style; November, circulate draft standard for comment in full Z39; January, review comments, minor revision; March, ballot of draft standard by Z39, public review of proposed standard by ANSI; May, resolution of comments from public review; June, submission to ANSI Board of Standards Review.


The subcommittee is in process of formation.

SC W--Item Location and Holdings Statement

The subcommittee is in process of formation.

SC X--Revision of Z39.10(1977) Directories of Libraries and Information Centers--Chairperson, Scott Bruntjen, Executive Director, Pittsburgh Regional Library Center, Beatty Hall, Chatham College, Pittsburgh, PA 15232 (412-441-6409)

Scott Bruntjen has accepted the chairmanship of this subcommittee and other members are being recruited.

SC Y--Guidelines for Format and Publishing of Standards and Specifications--

A chairperson is being sought.

SC Z--Eye-legible Information on Microfilm Leaders and Trailers and Information on Containers of Processed Microfilms

A chairperson has tentatively agreed to serve.