

Voice of Z39

News About Library, Information Science, and Publishing Standards

ISSN:0163-626X

Vol. 3, No. 2
April 1981

CONTENTS, p. 14

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CHAIRMAN'S MESSAGE - Accomplishments and Challenges

When the National Commission on Libraries and Information Science appointed the Task Force on Z39 in 1977, the Standards Committee was beset with real and perceived problems. Its Chairman of thirteen years, Dr. Jerrold Orne, was retiring, thus necessitating not only a replacement but a relocation of the Z39 office. Various constituent communities viewed Z39's orientation quite differently. Some saw too much of a library orientation while others saw too little. The way Z39 had been managed and the role of its secretariat were being questioned. Continued adequate funding, development of its standards generation program, and overall governance were subjects of some degree of controversy.

The Task Force through its meetings and other deliberations developed for NCLIS a set of recommendations that were later translated into specific measurable objectives. To a large degree, each objective has been achieved with but minor deviation from the original recommendations. Z39 has a new name and scope statement, an Executive Council consisting of elected officers representing specific constituencies, a permanent office, a paid staff, expanded membership, and a new and apparently viable mechanism for acquiring financial support. The approach for standards development, while not fully consistent with the NCLIS recommendations, is an

improvement over the former techniques. The overall image of Z39 has also been greatly improved. Z39 has retained and improved its day-to-day working relationships with its secretariat, the Council on National Library and Information Associations. One Task Force recommendation yet to be achieved is direct representation on the American National Standards Institute's Information Systems Standards Management Board. Work is underway to accomplish this objective.

Going beyond the Task Force recommendations, Z39 has established financial, membership, publicity, international, and program committees, initiated the office of Treasurer, and created two new classes of membership, Information and Honorary. Implementation of the Task Force recommendations has made Z39 more democratic but also more bureaucratic. Neither, fortunately, have adversely affected the overall performance of the Standards Committee.

Reciting these accomplishments is not to imply that no challenges face Z39 in the years ahead. Shifting the financial support burden from funding agencies to the membership may make retention of existing members and recruiting of new members more difficult than in the past. Providing a standards development program consistent with the constituents' needs, especially one more relevant to the new technologies, is another challenge, as is the resolution of jurisdictional disputes that arise from providing standards that increasingly relate to computerized applications of library, information science and publishing functions.

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(continued...)

Increasing recognition of Z39 and its programs by existing and newly arriving members of the library, information science and publishing communities presents a continuing challenge. Another challenge will be resolving the complexities associated with aligning national and international interests as they relate to standards for processes and functions that cut across national boundaries. As more and more dynamic standards are developed, their maintenance becomes a serious concern. The relationships and interactions between the Standards Committee and the maintenance agencies will require increasing attention.

The accomplishments of the past three years reflect favorably on many. The challenges of the future provide a test of the strategies Z39 has selected to fulfill its mission.

JAMES L. WOOD

STANDARDS APPROVED FOR PUBLICATION

The following three standards have been approved for publication by the ANSI Board of Standards Review:

ANSI Z39.32, Information on Microfiche Headings

ANSI Z39.22, Proof Corrections, revision of Z39.22-1974

ANSI Z39.26, Advertising of Micropublications, revision of Z39.26-1975.

PROGRAM AT ALA 1981, SAN FRANCISCO

The ALA Technical Standards for Automation Committee (TESLA) has scheduled a program meeting at the ALA annual conference in San Francisco on June 30, 1981, from 2 to 5:30 p.m. under the title of "Technical Standards: The Good, the Bad, and the Missing." Several of the Z39 elected officers will appear on the program.

ELECTION RESULTS

In the mail ballot which closed March 25, 1981, the following persons were elected to membership on the Z39 Executive Council starting July 1, 1981:

Z39 Chairperson (2 years)

Patricia W. Berger, Chief, Library and Information Services Division, National Bureau of Standards.

Vice-Chairperson/Chairperson-Elect (2 yrs.)

Margaret K. Park, Manager, University of Georgia Information Services Computer Center.

Councilors Representing Libraries

(3 years) Linda K. Bartley, Head, National Serials Data Program, Library of Congress.

(1 year) Larry X. Besant, Assistant Director, Ohio State University Libraries

Councilors Representing Information Services

(3 years) James E. Rush, President, James E. Rush Associates, Inc.

(1 year) M. Lynne Neufeld, Executive Director, National Federation of Abstracting and Indexing Services.

Councilors Representing Publishing

(3 years) Karl F. Heumann, Director of Publications, Federation of American Societies for Experimental Biology.

(1 year) Seldon W. Terrant, Head, R & D, Books & Journals Division, American Chemical Society.

The continuing members of the Executive Council with terms ending June 30, 1983 are:

Carol A. Nemeyer, Councilor Representing Libraries,

W. Theodore Brandhorst, Councilor Representing Information Services, and

Sandra K. Paul, Councilor Representing Publishing.

ANNUAL BUSINESS MEETING

The 1981 annual business meeting of Z39 is being held at the Library of Congress on April 30, preceded by meetings of the Executive Council, Finance Committee, and Program Committee on April 29.

ISO/TC 46 MEETS IN CHINA

The following is a news item from the April 3, 1981 issue of the ANSI Reporter:

"The first plenary meeting of an ISO Technical Committee has taken place in the People's Republic of China since the China Association for Standardization joined the ISO.

Among those attending the meeting of TC 46, Documentation, in Beijing was Robert W. Frase, an ANSI accredited delegate. Frase is Executive Director of American National Standards Committee Z39, Library and Information Sciences and Related Publishing Practices.

The main topic of the TC 46 meeting was automation in documentation. Four of the committee's subcommittees also had meetings in Beijing. They were SC 2, Conversion of Written Languages; SC 4, Automation in Documentation; SC 5, Character Sets for Documentation and Bibliographic Uses; and SC 7, Presentation of Publications."

The plenary sessions and the subcommittee meetings were held in Nanjing (Nanking) March 30 - April 3, but most of the delegates met first in Beijing (Peking) and visited several Chinese institutions including the National Library and the Institute of Scientific and Technical Information. Delegates from 13 countries attended the meeting. Several of the subcommittees completed action on ISO Draft Proposals (DP's) and Draft International Standards (DIS's), including the approval for publication of a second edition of ISO 2709, Format for Bibliographic Information Interchange on Magnetic Tape, which corresponds to ANSI Z39.2-1979, Bibliographic Information Interchange on Magnetic Tape. Two other Z39 standards will form the basis for the development of international standards: Z39.20-1974, Criteria for Price Indexes for Library Materials (now under revision) and Z39.34-1977, Synoptics.

The next plenary meeting of ISO/TC 46 is scheduled to be held in Vienna, Austria in 1983.

FINANCES

In January the Z39 Executive Council established the following schedule of Participating Member Service Fees, authorized by the new section 6.1 of the Z39 Bylaws, on a voluntary basis in 1981 and on a mandatory basis in 1982, subject to applications for hardship exemptions:

| <u>Budgets Within Z39 Scope</u> | <u>Annual Fee</u> |
|---------------------------------|-------------------|
| Up to \$199,999 | \$200 |
| \$200,000 to \$499,999 | \$500 |
| \$500,000 to \$749,000 | \$750 |
| \$750,000 to \$1,499,999 | \$2500 |
| \$1,500,000 and over | \$5000 |

Invoices for 1981 were sent out to Z39 member organizations on January 27 and as of April 16, \$20,600 had been received and \$15,750 pledged. With the cash balance carryover from 1980, these amounts plus payments yet to be received should be sufficient to carry Z39 through the present calendar year.

REVISION OF INFORMATIONAL BROCHURE

A new edition of the Z39 informational brochure has been printed, courtesy of R. R. Donnelley & Sons. It includes an index to published Z39 standards prepared by Prof. Hans Wellisch of the University of Maryland. The new edition will be distributed together with the January 1981 edition of the ANSI sales brochure on Z39 standards. Copies are being distributed to all Z39 member organizations, information members, and subcommittee members. Single copies are available on request to the Z39 office, and multiple copies are also available for distribution at professional meetings.

SUBCOMMITTEE R AUTHORIZED

Subcommittee R, Environmental Conditions for Storage of Paper Based Library Holdings, is in process of formation under the chairmanship of Paul N. Banks, Director of Conservation and Preservation Administrator Programs, School of Library Service, 516 Butler Library, Columbia University, New York, NY 10027 (212 280-2293)

STATUS OF WORK IN LETTER DESIGNATED SUBCOMMITTEES

- 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 ext. 2028)

Revision of Z39.5-1969(R1974) This revision is still awaiting the publication of a similar ISO standard. The fourth draft of revised ISO 4 is in preparation.

- SC C--Language Codes--Chairperson, S. Arlene Schwartz, ILLINET Bibliographic Data Base Service, Illinois State Library, 537 Centennial Bldg., Springfield, IL 62756 (217 785-1532)

No change in the status reported in the January 1981 Voice on page 3.

- SC D--Computer-to-Computer Protocol--Chairperson, David C. Hartmann, Network Development Office, Library of Congress, Washington, DC 20540 (202 287-5118)

No change in the status reported in the January 1981 Voice on page 3.

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

The subcommittee sponsored a hearing on working draft no. 1 of the standard for serials holdings statement at the detail level on Feb. 2, 1981, at the Shoreham Hotel in Washington, D.C. in conjunction with ALA Midwinter. Approximately 130 persons were present and about 30 different individuals expressed opinions. A transcription of the hearing was made and has been studied at some length by Subcommittee E.

Prior to the hearing, approximately 150 copies of the draft standard were requested by various individuals from throughout the nation. In addition to responding to these requests, Subcommittee E sent copies of the working draft no. 1 to all bibliographic utilities in North America, all network directors, the heads of technical services of large research libraries, and various other individuals.

The subcommittee has received considerable comment both prior to the hearing and as a result of the hearing. Much of the comment specifically addressed the relationship of enumeration and chronology. Subcommittee E is giving this issue further and intensive scrutiny and expects to issue either an addendum, comment or revision of the draft standard regarding enumeration and chronology to be sent to all individuals who initially requested the draft standard.

- SC F--Serial Publication Patterns--Chairperson, Gerald Lowell, Director, R & D, F. W. Faxon Company, 15 Southwest Park, Westwood, MA 02090 (617 329-3350)

At ALA Midwinter 1981, copies of work completed thus far by Subcommittee F were distributed at the public hearing for Subcommittee E's work on a detailed holdings standard. Input was requested on the publication pattern data elements identified by the subcommittee. Little response was received from the library community. The Feb. 27 subcommittee meeting was cancelled because of subcommittee member illnesses and scheduling conflicts.

A meeting of Subcommittee F has been scheduled for Apr. 27, 1981 in Washington, D.C. to discuss future directions and begin arrangements for writing the first working draft of the standard. In light of recent work done by the subcommittee, the original charge of the subcommittee will again be reviewed and suggestions for changes are expected to be passed on to Z39.

STATUS OF WORK IN LETTER DESIGNATED SUBCOMMITTEES (continued)

- SC G--Terms and Symbols Used in Form Functional Areas of Interactive Retrieval Systems
--Chairperson, Pauline Cochrane, Syracuse University, School of Information
Studies, 113 Euclid Ave., Syracuse, NY 13210 (315 423-2911)

No change in the status reported in the January 1981 Voice on page 4.

- 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)

No change in the status reported in the October 1980 Voice on page 35.

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

Revision of Z39.20-1974. The subcommittee met on March 30, 1981 to begin
drafting a revision of the 1974 standard.

- SC J--Bibliographic Data Source File Identification--Chairperson, John G. Mulvihill,
Manager, GeoRef, American Geological Institute, 5205 Leesburg Pike, Falls
Church, VA 22041 (703 379-2480)

The subcommittee is currently reviewing what is expected to be the final draft
standard for the identification of patent data.

- SC K--Basic Criteria for Indexes--Chairperson, Jessica L. Milstead, 875 Marion Road,
Cheshire, CT 06410 (203 397-3893)

A draft of the standard, which takes into account all comments received, has
been distributed to subcommittee members. The subcommittee's responses will
be incorporated, and it is expected that the next draft will be ready for
submission for a vote of Z39 members.

- SC L--Romanization--Chairperson, Charles W. Husbands, OSPR, Widener 88, Harvard
University Libraries, Cambridge, MA 02138 (617 495-3724)

The subcommittee met in late January at ALA Midwinter. The work of the subcom-
mittee during its first year has fallen into two areas.

1. Work directed toward the creation of a set of guidelines (possibly a
new Z39 standard) to govern the development of Romanization systems for
specific scripts. A working vocabulary has been developed, and the begin-
nings of a possible standard have been drafted and are being iteratively
amplified and refined.
2. Responses to requests for evaluation of particular Romanization stand-
ards, existing and proposed. The subcommittee has recommended that Z39.25,
Romanization of Hebrew, be referred to a new subcommittee to study possible
revisions in several areas. It has reviewed critically ISO working docu-
ments embodying proposals for Cyrillic and Greek scripts.

The following are in progress:

1. A working paper is being prepared which will address the requirements
of computer-mediated Romanization and the specific functions which should
be supported by standards (and, at least by implication, the functions that
should not). The resulting ideas will be integrated into a draft text of a
standard, which has so far been framed in more traditional terms. It is

STATUS OF WORK IN LETTER DESIGNATED SUBCOMMITTEES (continued)

SC L--too soon to predict what the product of this integration, the crucial part of (cont) the subcommittee's work, will look like.

2. The subcommittee is currently preparing a recommendation for the ANSI vote on ISO/DIS 7098, Romanization of Chinese. Z39.24, System for Romanization of Slavic Cyrillic Characters, is due for reaffirmation or revision in 1981 and the subcommittee will recommend a course of action to Z39 in the coming months.

The subcommittee chairman will welcome comments on the program as outlined above.

SC M--Serial Publication Page Margins--The subcommittee has been merged with Subcommittee Q for the revision of Z39.1-1977, Periodicals: Format and Arrangement.

SC N--Coded Character Sets for Bibliographic Information Interchange--Co-Chairpersons; Charles T. Payne, University of Chicago Library, 1100 E. 57th St., Chicago, IL 60637 (312 753-2908) and Sally McCallum, Network Development Office, Library of Congress, Washington, DC (202 287-5713)

The subcommittee has been reorganized with the following members: Charles Payne and Sally McCallum as co-chairs; Jim Agenbroad, Library of Congress; Wayne Davison, RLG; Tom Dehn, OCLC; and David Weisbrod, Yale University.

The subcommittee met on March 12, 1981, at the Library of Congress. The Chinese Character Code for Information Interchange (CCCII) was discussed. The subcommittee considers the CCCII scheme to be compatible with standards for communication between computers, the coding method to be viable and adequate to accommodate all graphics needed for bibliographic purposes, and development sufficiently far along to warrant serving as a basis for further expansion.

The subcommittee has agreed upon a set of guidelines for character set development and established the priority sequence to be Extended Latin, Cyrillic, Hebrew, Arabic, and Greek. Target deadlines for first draft or discussion papers for these sets have been established. Future meetings are planned for June and November.

SC O--Library Item and Patron Identification Code--Chairperson, Howard Harris, Maryland State Board of Higher Education, 16 Francis St., Annapolis, MD 21401 (301 269-2971)

No change in the status reported in the July 1980 Voice on page 27.

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

Revision of Z39.18-1974. The revision of this standard is being reballoted, voting period April 7-May 19, 1981.

SC Q--Periodicals: Format and Arrangement--Chairperson, Seldon W. Terrant, Books & Journals Division, R & D, American Chemical Society, 1155 16th Street, N.W. Washington, DC 20036 (202 872-4537)

Revision of Z39.1-1977. The first meeting of the subcommittee was held in Washington on March 9, 1981. It is expected that the subcommittee will have completed a revision of the 1977 standard by the end of 1981.

NEW STANDARDS IN SUBCOMMITTEES
ESTABLISHED PRIOR TO 1979

SC 36--Standard Order Forms--Chairperson, Peter Jacobs, BroDart, Inc., 1609 Memorial Ave., Williamsport, PA 17701 (717 326-2461)

Order Form for Single Titles of Library Materials-- A revised draft of this proposed new standard is being balloted April 7 - May 19, 1981.

Order Form for Multiple Titles of Library Materials--Work on this standard will follow approval of the single title order form.

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

The serial claim form draft has undergone final editing and is in the process of being typed. An effort is being made to arrange typesetting for the example of the pre-printed form. It is projected that the draft could go out for a vote as early as May 1981.

1974 STANDARDS BEING REVISED
BUT NOT YET BALLOTTED

Four Z39 standards published in 1974 are in process of revision but have not yet reached the balloting stage. Their status is as follows:

Z39.4-1974--Basic Criteria for Indexes, see entry under Subcommittee K on p. 11.

Z39.5-1969(R1974)--Abbreviation of Titles of Periodicals, see entry under Subcommittee A on p. 10.

Z39.7-1974--Library Statistics (SC 7) --Chairperson, Katherine Emerson, University of Massachusetts Library, Amherst, MA 01003 (413 545-2780)

A draft is being prepared for a Z39 letter ballot.

Z39 MEMBERSHIP ADDITIONS
AND RESIGNATIONS

Two library networks have joined Z39 in recent months. They are:

Indiana Cooperative Library Services Authority (INCOLSA)
Barbara Evans Markuson, voting representative; Janice Alexander, alternate.

Pittsburgh Regional Library Center
Scott Bruntjen, voting representative.

In addition, the application of PALINET will be acted upon by CNLIA on May 8, 1981.

Five member organizations have resigned from the Committee:

Acoustical Society of America
American Business Press
American Translators Association
Book Manufacturers' Institute
Council on Library Resources

ORDERING Z39 PUBLISHED STANDARDS

Z39 published standards are not available from Z39 but must be ordered from ANSI, 1430 Broadway, New York, NY 10018. Ordering instructions were printed in the Voice, July 1980, Vol. 2, No. 3, p. 28.

Z39.20-1974--Criteria for Price Indexes for Library Materials, see entry under Subcommittee I on p. 11.

Contents

ISSN 0163-626X Voice of Z39, Vol. 3, No. 2, April 1981
(Published 4 times a year: January, April, July, October)

| | <u>Page</u> |
|---|-------------|
| CHAIRMAN'S MESSAGE | 7-8 |
| STANDARDS APPROVED FOR PUBLICATION | 8 |
| PROGRAM AT ALA 1981, SAN FRANCISCO | 8 |
| ELECTION RESULTS | 8 |
| ANNUAL BUSINESS MEETING | 8 |
| ISO/TC 46 MEETS IN CHINA | 9 |
| FINANCES | 9 |
| REVISION OF INFORMATIONAL BROCHURE | 9 |
| SUBCOMMITTEE R AUTHORIZED | 9 |
| STATUS OF WORK IN LETTER DESIGNATED SUBCOMMITTEES | 10-12 |
| NEW STANDARDS IN SUBCOMMITTEES ESTABLISHED PRIOR TO 1979 | 13 |
| 1974 STANDARDS BEING REVISED BUT NOT YET BALLOTTED | 13 |
| Z39 MEMBERSHIP ADDITIONS AND RESIGNATIONS | 13 |
| ORDERING Z39 PUBLISHED STANDARDS | 13 |

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