

Revised Final Report

PCC ISBD and MARC Task Group

October 2016

Executive Summary

This report examines the use of both pre-ISBD and ISBD punctuation in MARC 21 bibliographic and authority records. It proposes changes in cataloging practice to eliminate that punctuation when it coincides with existing MARC coding. It outlines cases where the granularity of ISBD and MARC coding do not match, and it proposes changes to the MARC format so that nearly all punctuation used to separate data elements could be eliminated.

The MARC format changes outlined in this report are optional and not a prerequisite for moving forward with a reduced or no punctuation cataloging policy. Omission of punctuation which duplicates MARC coding would eliminate the redundancy between punctuation and coding. It would simplify data entry and allow catalogers to focus solely on coding to better identify parts of the bibliographic description. It also allows for flexibility in the design of online displays without the need for suppressing punctuation.

A phased approach to implementation is possible. Steps 1-3 should be implemented first followed by steps 4-8.

- 1) Communicate with local system vendors, free and open source local system projects, bibliographic utilities, etc., regarding a timeframe for implementation of the new punctuation practices
- 2) Implement a policy to cease use of terminal periods
- 3) Implement a policy to cease use of separating punctuation corresponding to MARC 21 coding
- 4) Create any necessary discussion papers for the MARC Advisory Committee on additional MARC 21 coding changes to facilitate punctuation free coding followed by any necessary proposals.
- 5) Request the LC Network Development and MARC Standard Office revise MARC 21 documentation to remove references to punctuation and update examples to reflect the preference for no punctuation
- 6) Encourage local system projects and vendors, bibliographic utilities, etc., to develop functionality to index and display records that lack some or all punctuation
- 7) Encourage local system projects and vendors, bibliographic utilities, etc., to develop functionality to allow their users to easily add and remove punctuation as needed on records
- 8) Encourage bibliographic utilities to convert their databases, documentation, etc.

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1 – Pre-ISBD/ISBD Punctuation and MARC 21

1.1 – Background

When the MARC (Machine-Readable Cataloging) format was initially developed in the 1960s, the resulting records carried all the information needed to provide the traditional paragraph style display of bibliographic data including associated punctuation. As ISBD (International Standard Bibliographic Description) punctuation was introduced into the cataloging rules in the 1970s, the punctuation used in MARC records changed to follow ISBD practice. During that time most libraries used card catalogs with the traditional paragraph structure to display bibliographic data. Consequently, the inclusion of punctuation in MARC records was considered beneficial and necessary.

As libraries moved to the use of online systems to store and access catalog data, the display of bibliographic information also changed. Traditional displays of bibliographic information in paragraph form were discarded in favor of labeling parts of the bibliographic description. Yet, in MARC 21 punctuation needed for the traditional paragraph style display of bibliographic data remains as part of the information routinely input and carried in MARC records. MARC 21 documentation contains instructions on inputting punctuation and numerous examples illustrating fields with ISBD and other punctuation.

Other MARC formats subsequently developed outside the United States (e.g., UKMARC and UNIMARC) omit most of this same punctuation. The need for the inclusion of pre-ISBD and ISBD punctuation in MARC 21 records has been frequently questioned by system developers as well as librarians outside North America who have adopted MARC 21. In 2010, MARBI (Machine-Readable Bibliographic Information Committee) approved MARC proposal no. 2010-07 submitted by the *Deutsche Nationalbibliothek* to add a code to Leader/18 (Descriptive Cataloging Form) to indicate the omission of ISBD punctuation in MARC 21 records.

While this new code is now documented in MARC 21, the bulk of MARC 21 documentation is written based on routine inclusion of punctuation. Nearly all MARC records created by libraries in North America continue to include ISBD punctuation. The MARC 21 community needs to transition to an environment where nearly all records omit both pre-ISBD and ISBD punctuation.

As an initial step in such a transition, the Program for Cooperative Cataloging called for the establishment of a task group to further investigate these issues. The PCC ISBD and MARC Task Group was established in March 2011 and was charged with the following: investigate the omission of ISBD punctuation from the cataloging process in favor of having cataloging interfaces generate punctuation needed for display; perform a field-by-field analysis of MARC to identify instances of embedded ISBD punctuation; and, identify the use of any non-ISBD punctuation present in fields. As part of the analysis the group also identified areas where MARC coding needs to be more granular to handle the omission of punctuation. Most of the work of the task group was conducted via email. The task group completed its work and submitted its final report in September 2011. No further action was taken at that time.

The PCC ISBD and MARC Task Group was reconvened in December 2015 to update and reorganize its final report to facilitate a transition to a punctuation-free cataloging environment. The group was also tasked with making recommendations for the removal of punctuation in the MARC 21 authority format.

1.2 – Redundancy

Both ISBD and MARC contain coding practices designed to markup data to identify parts of a bibliographic description. ISBD uses areas, punctuation, and ordering of elements to identify parts of the bibliographic description while MARC uses tags, indicators, and subfield codes. In many cases, both ISBD and MARC designate the very same parts of a bibliographic description at the same level of granularity via their different methods.

Consider the following example from a MARC 21 record:

264 #1 \$a London : \$b Penguin Books, \$c 2015.

ISBD standards require “. — London : Penguin Books, 2015” (i.e., the period-space-dash-space, the space-colon-space, and the comma-space). MARC coding requires “264 #1 \$a London \$b Penguin Books \$c 2015” (i.e., field 264 with subfields \$a, \$b, and \$c) to designate the same three elements. Supplying coding for the both standards in a single record is redundant and unnecessary.

1.3 – Granularity

There are discrepancies in the granularity of coding when comparing ISBD and MARC. There are a number of cases where one standard is more granular than the other. For example, ISBD designates parallel titles, titles subsequent to the first title in items lacking a collective title, and other title information via specified punctuation for ISBD area 1, e.g.,

Flötensonaten = Flute sonatas

Lord Macaulay’s essays ; and, Lays of ancient Rome

Standards of value : theory and applications

In MARC 21, these same three elements would all be coded 245 \$b. When there is a need to determine the meaning of 245 \$b, it is impossible to do so without examining the punctuation that precedes it in 245 \$a.

In other cases, MARC coding encompasses multiple ISBD elements in a single subfield, e.g.,

245 ... / \$c Kevin Wicker ; with a foreword by David Pritchard ; illustrated by Karel Feuerstein.

245 ... / \$c TDC = Répertoire des projets / CDT.

245 ... / \$c Sir Matthew Hale. The students companion / Giles Jacob.

The examples above illustrate 245 \$c with statements of responsibility, subsequent statements of responsibility, parallel titles and corresponding statements of responsibility, and subsequent titles and corresponding statements of responsibility. Identification and machine processing is complicated by the lack of explicit MARC coding.

1.4 – Economy

Catalogers often put too much time and effort into inputting and correcting ISBD punctuation in bibliographic records. Specific data elements need to be accurately identified and MARC coding should

provide that identification as opposed to ISBD or other punctuation which can sometimes be ambiguous and often superfluous in online catalog displays.

Anyone involved in the creation of new bibliographic records or in editing of records in copy cataloging has adjusted ISBD punctuation and associated spacing to conform to existing cataloging practices. Yet, those time-consuming changes often have little or no impact on record retrieval or use.

1.5 – Objective

The solution to these various problems is to construct MARC bibliographic records with most pre-ISBD and ISBD punctuation omitted. MARC coding would instead be used alone to designate parts of the bibliographic description eliminating the redundancy of parallel input of punctuation and MARC coding

Eliminating most punctuation from MARC records simplifies data entry and allows catalogers to focus solely on coding to better identify parts of the bibliographic description. It also allows for flexibility in the design of online displays without the need for suppressing punctuation.

Omission of ISBD punctuation in MARC records is routine in other MARC formats used around the world.

1.6 – Future of MARC

Many authors and speakers have called for the end of the MARC format, and during the original term of this task group, the Library of Congress announced the initiative to develop BIBFRAME as a replacement for MARC 21 as a data exchange mechanism. BIBFRAME does not include punctuation to separate one element from another. Even so, this may raise questions for some as to why bother to change MARC 21 and current input practices.

No doubt, MARC 21 will be around for many years with millions of additional records created as libraries slowly move to working with BIBFRAME. With a transition to BIBFRAME, local systems and bibliographic utilities will need the ability to readily map data back and forth, i.e., BIBFRAME to MARC and MARC to BIBFRAME. Those mapping programs would be greatly simplified and readily maintained if punctuation did not have to be added or removed at the same time. Developing programs now to remove punctuation from MARC 21 will facilitate a transition to BIBFRAME in the future.

Within the MARC 21 cataloging community there is already a policy and standards mechanism in place to alter the bibliographic and authority formats, and most systems can readily adapt to the addition of new subfields, etc. The transition to a MARC environment where punctuation is omitted will be far less radical a change than a transition to BIBFRAME as the new data format for the exchange of bibliographic information.

However, this perspective is not shared by all members of the task group. One member indicated that the effort to modify the MARC 21 format and eliminate punctuation is not worth the time and expense and that the limited resources of the library community should instead be directed toward adoption of a replacement for MARC 21.

1.7 – Cataloger Perspectives and Training

Catalogers creating or editing records will need to give up longstanding punctuation input practices. However, the general rule would be that, if a subfield code exists, omit the corresponding redundant punctuation that would have been included in the record alongside the coding. After practicing with just a few records, input becomes noticeably easier as awkwardly keyed sequences like space-colon-space are omitted.

Retraining of catalogers can be accomplished via documentation, webinars, and meetings at conferences.

1.8 – Local System Issues

No changes are ever made in cataloging policy with all libraries equally prepared to implement a new practice at the same time. Data created today will outlast the limitations of any current local systems. To help deal with implementation, tools can be developed to add or remove punctuation from records in a single step as needed until libraries are ready to transition to sole use of records without punctuation in a future environment where nearly all cataloging copy exists without punctuation.

Local system providers will need to make changes to supply punctuation where needed in the display of bibliographic records routinely lacking the punctuation. These same providers along with authority control providers could develop processes to eliminate punctuation from bibliographic records.

1.9 – Rare Materials

Instructions for the cataloging of rare materials contain optional provisions for recording the punctuation that appears on the item as part of the transcription of bibliographic data. That practice will need to be accommodated. The instructions in *Descriptive cataloging of rare materials (books)* represent a well-known example of this practice. These various cataloging instructions are noted in 040 \$e, and that coding can be taken into consideration in processing so that punctuation can be retained in those records.

1.10 – Other Specialized Areas

Determining the most appropriate level of granularity of coding to meet current and future needs will require discussion and review. In particular, specialized cataloging communities, e.g., cartographic materials, continuing resources, music, visual materials, etc., will need comment on any future discussion papers related to possible coding changes to MARC 21 for fields they frequently code.

1.11 – Recommendations

Specific recommendations are outlined in Sections 2-5 in this report. They include recommendations to eliminate terminal periods in Section 2 and recommendations to eliminate separating punctuation, field-by-field and with and without coding changes, in Sections 3-5.

A summary of fields requiring no punctuation and coding changes is found in Appendix A. A recap of fields with recommended coding changes is found in Appendix B. Before-and-after examples of whole records are found in Appendix C, and specifications for the removal of punctuation in bibliographic records are found in Appendix D.

Implementation of some or all the recommendations contained in this report will be coordinated by PCC. A phased approach to implementation is possible. Steps 1-3 should be implemented first followed by steps 4-8.

- 1) Communicate with local system vendors, free and open source local system projects, bibliographic utilities, etc., regarding a timeframe for implementation of the new punctuation practices
- 2) Implement a policy to cease use of terminal periods
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- 4) Create any necessary discussion papers for the MARC Advisory Committee on additional MARC 21 coding changes to facilitate punctuation free coding followed by any necessary proposals.
- 5) Request the LC Network Development and MARC Standard Office revise MARC 21 documentation to remove references to punctuation and update examples to reflect the preference for no punctuation
- 6) Encourage local system projects and vendors, bibliographic utilities, etc., to develop functionality to index and display records that lack some or all punctuation
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- 8) Encourage bibliographic utilities to convert their databases, documentation, etc.

2 – Terminal Periods in Bibliographic and Authority Records

2.1 – Recommended Practice

MARC 21 often contains explicit instructions and examples illustrating data input with terminal periods. Some fields include terminal periods while others do not, and current practice is difficult for new catalogers to learn.

In bibliographic records, for example, field 246 which serves as note and title added entry does not end with a period while most 5xx notes and 740 title added entry fields do. Uniform title field 130 ends with a period, but uniform title field 240 does not. Access points ending with a closing parenthesis do not end with a period, but most notes ending with a closing parenthesis do.

Field 300 ending with a closing parenthesis would need the addition of a terminal period based on whether field 490 is present in the record. In some cases, many other 3xx fields appear in between field 300 and 490.

To simplify these complex instructions, the terminal period in any field should be omitted except if the last element is an abbreviation, initial, etc., or a period is needed to end a complete sentence in notes containing multiple sentences (e.g., notes in bibliographic field 520). This includes cases where the terminal period precedes numeric control subfields.

To implement this recommendation, LC Network Development and MARC Standard Office staff would need to revise MARC 21 documentation to update examples and remove instructions regarding final punctuation under the “Input Conventions” section for the bibliographic and authority fields outlined below in Sections 2.2 and 2.3.

Examples of omitted terminal periods are found in the field-by-field and whole record examples in Sections 3-5 and Appendix C.

2.2 – Bibliographic Fields

The following bibliographic fields would no longer need terminal periods as outlined in Section 2.1.

- 036** – Original Study Number for Computer Data Files
- 051** – Library of Congress Copy, Issue, Offprint Statement
- 100** – Main Entry—Personal Name
- 110** – Main Entry—Corporate Name
- 111** – Main Entry—Meeting Name
- 130** – Main Entry—Uniform Title
- 242** – Translation of Title by Cataloging Agency
- 245** – Title Statement
- 250** – Edition Statement
- 254** – Musical Presentation Statement
- 255** – Cartographic Mathematical Data
- 256** – Computer File Characteristics
- 257** – Country of Producing Entity

258 – Philatelic Issue Data
260 – Publication, Distribution, etc. (Imprint)
264 – Production, Publication, Distribution, Manufacture, and Copyright Notice
300 – Physical Description
307 – Hours, etc.
340 – Physical Medium
343 – Planar Coordinate Data
351 – Organization and Arrangement of Materials
352 – Digital Graphic Representation
362 – Dates of Publication and/or Sequential Designation
500 – General Note
501 – With Note
502 – Dissertation Note
504 – Bibliography, etc. Note
505 – Formatted Contents Note
506 – Restrictions on Access Note
507 – Scale Note for Graphic Material
508 – Creation/Production Credits Note
511 – Participant or Performer Note
513 – Type of Report and Period Covered Note
514 – Data Quality Note
515 – Numbering Peculiarities Note
516 – Type of Computer File or Data Note
518 – Date/Time and Place of an Event Note
520 – Summary, etc.
521 – Target Audience Note
522 – Geographic Coverage Note
524 – Preferred Citation of Described Materials Note
525 – Supplement Note
526 – Study Program Information Note
530 – Additional Physical Form Available Note
533 – Reproduction Note
534 – Original Version Note
538 – System Details Note
540 – Terms Governing Use and Reproduction Note
541 – Immediate Source of Acquisition Note
544 – Location of Other Archival Materials Note
545 – Biographical or Historical Data
546 – Language Note
547 – Former Title Complexity Note
550 – Issuing Body Note
552 – Entity and Attribute Information Note
555 – Cumulative Index/Finding Aids Note
556 – Information About Documentation Note
561 – Ownership and Custodial History
562 – Copy and Version Identification Note
563 – Binding Information
567 – Methodology Note

580 – Linking Entry Complexity Note
581 – Publications About Described Materials Note
584 – Accumulation and Frequency of Use Note
585 – Exhibitions Note
588 – Source of Description Note
600 – Subject Added Entry—Personal Name
610 – Subject Added Entry—Corporate Name
611 – Subject Added Entry—Meeting Name
630 – Subject Added Entry—Uniform Title
650 – Subject Added Entry—Topical Term
651 – Subject Added Entry—Geographic Name
654 – Subject Added Entry—Faceted Topical Terms
655 – Index Term—Genre/Form
656 – Index Term—Occupation
657 – Index Term—Function
658 – Index Term—Curriculum Objective
662 – Subject Added Entry—Hierarchical Place Name
700 – Added Entry—Personal Name
710 – Added Entry—Corporate Name
711 – Added Entry—Meeting Name
730 – Added Entry—Uniform Title
740 – Added Entry—Uncontrolled Related/Analytical Title
752 – Added Entry—Hierarchical Place Name
754 – Added Entry—Taxonomic Identification
800 – Series Added Entry—Personal Name
810 – Series Added Entry—Corporate Name
811 – Series Added Entry—Meeting Name
830 – Series Added Entry—Uniform Title
843 – Reproduction Note
845 – Terms Governing Use and Reproduction

2.3 – Authority Fields

The following authority fields would no longer need terminal periods as outlined in Section 2.1.

665 – History Reference
666 – General Explanatory Reference
667 – Nonpublic General Note
678 – Biographical or Historical Data
680 – Public General Note
682 – Deleted Heading Information

3 – Fields Requiring Editorial Changes to MARC 21

This section lists fields for which there are only editorial changes needed in MARC 21 documentation to remove references to punctuation in the text and use of punctuation in examples. Fields are listed here in MARC tag order with all bibliographic fields listed before authority fields.

Recommendations are outlined in tables which display MARC data elements on the left with an indication of ISBD or other punctuation to be omitted on the right. While corresponding pre-ISBD punctuation would also be omitted, it often varies and is not necessarily listed in each case. MARC data elements include the subfield code, name, and an indication of repeatability, i.e., (R) or (NR), etc. For any variable field, all alphabetic subfields are listed including those where no punctuation change is needed. Numeric control subfields are generally excluded since they are already input without punctuation.

Punctuation that would be removed from MARC records is listed in terms of how it would appear in a displayed record (e.g., space-colon-space) rather than how such punctuation is recorded in a MARC record since trailing blanks are omitted.

These tables can also be used as the basis for supplying any needed punctuation for catalog displays after punctuation has been removed from MARC records.

Links to ISBD, MARC 21, UKMARC, and UNIMARC are provided for comparison and reference when they apply.

Examples illustrate the differences between current punctuation and coding practice versus a future scenario where most punctuation is omitted.

3.1 – Bibliographic Field 015 – National Bibliography Number

MARC Element	Punctuation to be Eliminated
\$a – National bibliography number (R)	N/A
\$q – Qualifying information (R)	Enclosing parentheses (()) or preceding space-semicolon-space (;)
\$z – Canceled/invalid national bibliography number (R)	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd015.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags001.pdf (see field 015)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni0.htm#b020>

Examples

Current: 015 ## \$a GB6720988 \$q (pbk.) \$2 bnb

Future: 015 ## \$a GB6720988 \$q pbk. \$2 bnb

Current: 015 ## \$a 06709455 \$q (v. 2) \$2 bnf

Future: 015 ## \$a 06709455 \$q v. 2 \$2 bnf

3.2 – Bibliographic Field 020 – International Standard Book Number

MARC Element	Punctuation to be Eliminated
\$a – International Standard Book Number (NR)	N/A
\$c – Terms of availability (NR)	Preceding space-colon-space (:)
\$q – Qualifying information (R)	Enclosing parentheses (()) or preceding space-semicolon-space (;)
\$z – Canceled/invalid ISBN (R)	N/A

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 8)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd020.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags001.pdf (see field 021)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni0.htm#010>

Examples

Current: 020 ## \$a 9780060723804 \$q (acid-free paper)

Future: 020 ## \$a 9780060723804 \$q acid-free paper

Current: 020 ## \$a 9780060799748 \$q (trade)

Future: 020 ## \$a 9780060799748 \$q trade

Current: 020 ## \$a 0717941728 \$q (folded) : \$c \$0.45

Future: 020 ## \$a 0717941728 \$q folded \$c \$0.45

Current: 020 ## \$a 0914378260 \$q (pbk. ; \$q v. 1) : \$c \$5.00

Future: 020 ## \$a 0914378260 \$q pbk. \$q v. 1 \$c \$5.00

Current: 020 ## \$a 0877790019 \$q (black leather) \$z 0877780116 : \$c \$14.00

Future: 020 ## \$a 0877790019 \$q black leather \$z 0877780116 \$c \$14.00

Current: 020 ## \$c \$4.95 \$q (lib. bdg.)

Future: 020 ## \$c \$4.95 \$q lib. bdg.

3.3 – Bibliographic Field 024 – Other Standard Identifier

MARC Element	Punctuation to be Eliminated
\$a – Standard number or code (NR)	N/A
\$c – Terms of availability (NR)	Preceding space-colon-space (:)
\$d – Additional codes following the standard number or code (NR)	N/A
\$q – Qualifying information (R)	Enclosing parentheses (()) or preceding space-semicolon-space (;)
\$z – Canceled/invalid standard number or code (R)	N/A

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 8)
 MARC 21 – <http://www.loc.gov/marc/bibliographic/bd024.html>
 UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags001.pdf (see field 023)
 UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni0.htm> (see fields 013, 016, etc.)

Example

Current: 024 1# \$a 090266842629 \$q (v. 4)

Future: 024 1# \$a 090266842629 \$q v. 4

3.4 – Bibliographic Field 258 – Philatelic Issue Data

MARC Element	Punctuation to be Eliminated
\$a – Issuing jurisdiction (NR)	N/A
\$b – Denomination (NR)	Preceding space-colon-space (:)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd258.html>

Example

Current: 258 ## \$a Newfoundland : \$b 5 pence.

Future: 258 ## \$a Newfoundland \$b 5 pence

3.5 – Bibliographic Field 307 – Hours, etc.

MARC Element	Punctuation to be Eliminated
\$a – Hours (NR)	N/A
\$b – Additional information (NR)	Preceding semicolon-space (;)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd307.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags300.pdf (see field 307)

Examples

Current: 307 ## \$a M, 8:30-6:00; Tu, 8:30-7:00; W-F, 8:30-6:00; \$b not available on weekends.

Future: 307 ## \$a M, 8:30-6:00; Tu, 8:30-7:00; W-F, 8:30-6:00 \$b not available on weekends

Current: 307 ## \$a M-F, 6:30am-9:00pm (EST); \$b with brief interruptions for periodic update/backup of data.

Future: 307 ## \$a M-F, 6:30am-9:00pm (EST) \$b with brief interruptions for periodic update/backup of data

Current: 307 ## \$a Daily, 7am-7pm; \$b text files only.

Future: 307 ## \$a Daily, 7am-7pm \$b text files only

3.6 – Bibliographic Field 343 – Planar Coordinate Data

MARC Element	Punctuation to be Eliminated
\$a – Planar coordinate encoding method (NR)	N/A
\$b – Planar distance units (NR)	Preceding semicolon-space (;)
\$c – Abscissa resolution (NR)	Preceding semicolon-space (;)
\$d – Ordinate resolution (NR)	Preceding semicolon-space (;)
\$e – Distance resolution (NR)	Preceding semicolon-space (;)
\$f – Bearing resolution (NR)	Preceding semicolon-space (;)
\$g – Bearing units (NR)	Preceding semicolon-space (;)
\$h – Bearing reference direction (NR)	Preceding semicolon-space (;)
\$i – Bearing reference meridian (NR)	Preceding semicolon-space (;)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd343.html>

Examples

Current: 343 ## \$a Coordinate pair; \$b meters; \$c 22; \$d 22.

Future: 343 ## \$a Coordinate pair \$b meters \$c 22 \$d 22

Current: 343 ## \$a Coordinate pair; \$e 30.0; \$f 0.0001; \$g Degrees, minutes and decimal seconds; \$h North; \$b U.S. feet.

Future: 343 ## \$a Coordinate pair \$e 30.0; \$f 0.0001 \$g Degrees, minutes and decimal seconds \$h North \$b U.S. feet

Current: 343 ## \$a Coordinate pair; \$c 3.224549805355; \$d 3.224549805355; \$f 0.0001; \$b meters.

Future: 343 ## \$a Coordinate pair \$c 3.224549805355 \$d 3.224549805355 \$f 0.0001 \$b meters

3.7 – Bibliographic Field 351 – Organization and Arrangement of Materials

MARC Element	Punctuation to be Eliminated
\$a – Organization (R)	Preceding semicolon-space (;)
\$b – Arrangement (R)	Preceding semicolon-space (;)
\$c – Hierarchical level (NR)	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd351.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags300.pdf (see field 351)

Examples

Current: 351 ## \$a Hierarchical; \$b Geographic area or cruise number.

Future: 351 ## \$a Hierarchical \$b Geographic area or cruise number

Current: 351 ## \$c Series; \$b Alphabetical by sitter.

Future: 351 ## \$c Series \$b Alphabetical by sitter

Current: 351 ## \$c Series; \$a Organized into five subseries; \$b Arranged by form of material.

Future: 351 ## \$c Series \$a Organized into five subseries \$b Arranged by form of material

3.8 – Bibliographic Field 352 – Digital Graphic Representation

MARC Element	Punctuation to be Eliminated
\$a – Direct reference method (NR)	N/A
\$b – Object type (R)	Preceding space-colon-space (:), preceding comma-space (,), etc.
\$c – Object count (R)	Enclosing parentheses (()), etc.
\$d – Row count (NR)	Enclosing parentheses (()), etc.
\$e – Column count (NR)	Enclosing parentheses (()), preceding space x space, etc.
\$f – Vertical count (NR)	Enclosing parentheses (()), preceding space x space, etc.
\$g – VPF topology level (NR)	Preceding comma-space (,), etc.
\$i – Indirect reference description (NR)	Preceding space-colon-space (:), etc.
\$q – Format of the digital image (NR)	Preceding space-semicolon-space (;), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd352.html>

Examples

Current: 352 ## \$a Vector : \$b GT-polygon composed of chains \$c (70).

Future: 352 ## \$a Vector \$b GT-polygon composed of chains \$c 70

Current: 352 ## \$a Vector : \$b Point \$c (13671), \$b string \$c (20171), \$b GT-polygon composed of chains \$c (13672) ; \$q ARC/INFO export.

Future: 352 ## \$a Vector \$b Point \$c 13671 \$b string \$c 20171 \$b GT-polygon composed of chains \$c 13672 \$q ARC/INFO export

Current: 352 ## \$a Raster : \$b pixel \$d (5,000 x \$e 5,000) ; \$q TIFF.

Future: 352 ## \$a Raster \$b pixel \$d 5,000 \$e 5,000 \$q TIFF

3.9 – Bibliographic Field 506 – Restrictions on Access Note

MARC Element	Punctuation to be Eliminated
\$a – Terms governing access (NR)	N/A
\$b – Jurisdiction (R)	Preceding semicolon-space (;), etc.
\$c – Physical access provisions (R)	Preceding semicolon-space (;), etc.
\$d – Authorized users (R)	Preceding semicolon-space (;), etc.
\$e – Authorization (R)	Preceding semicolon-space (;), etc.
\$f – Standardized terminology for access restriction (R)	Preceding period-space (.), etc.
\$u – Uniform Resource Identifier (R)	Preceding colon-space (:), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd506.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 506)

Examples

Current: 506 ## \$a Restricted access; \$c Written permission required; \$b Donor.

Future: 506 ## \$a Restricted access \$c Written permission required \$b Donor

Current: 506 ## \$a Classified under national security provisions; \$b Department of Defense; \$e Title 50, chapter 401, U.S.C.

Future: 506 ## \$a Classified under national security provisions \$b Department of Defense \$e Title 50, chapter 401, U.S.C.

Current: 506 ## \$a Closed until January 1, 2068. \$f No online access \$2 star

Future: 506 ## \$a Closed until January 1, 2068 \$f No online access \$2 star

3.10 – Bibliographic Field 507 – Scale Note for Graphic Material

MARC Element	Punctuation to be Eliminated
\$a – Representative fraction of scale note (NR)	N/A
\$b – Remainder of scale note (NR)	Preceding semicolon-space (;), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd507.html>

Examples

Current: 507 ## \$a Scale 1:500,000; \$b 1 in. equals 8 miles.

Future: 507 ## \$a Scale 1:500,000 \$b 1 in. equals 8 miles

3.11 – Bibliographic Field 510 – Citation References Note

MARC Element	Punctuation to be Eliminated
\$a – Name of source (NR)	N/A
\$b – Coverage of source (NR)	Preceding comma-space (,)
\$c – Location within source (NR)	Preceding comma-space (,)
\$u – Uniform Resource Identifier (R)	N/A
\$x – International Standard Serial Number (NR)	Preceding comma-space (,)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd510.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 534)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#321>

Examples

Current: 510 1# \$a Index Medicus, \$x 0019-3879, \$b v1n1, 1984-

Future: 510 1# \$a Index Medicus \$x 0019-3879 \$b v1n1, 1984-

Current: 510 4# \$a LC Treasure maps (2nd ed.), \$c 13

Future: 510 4# \$a LC Treasure maps (2nd ed.) \$c 13

Current: 510 4# \$a Goff, \$c A-970

Future: 510 4# \$a Goff \$c A-970

3.12 – Bibliographic Field 513 – Type of Report and Period Covered Note

MARC Element	Punctuation to be Eliminated
\$a – Type of report (NR)	N/A
\$b – Period covered (NR)	Preceding colon-space (;)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd513.html>

Example

Current: 513 ## \$a Interim report; \$b Jan.-July 1977.

Future: 513 ## \$a Interim report \$b Jan.-July 1977

3.13 – Bibliographic Field 526 – Study Program Information Note

MARC Element	Punctuation to be Eliminated
\$a – Program name (NR)	N/A
\$b – Interest level (NR)	N/A
\$c – Reading level (NR)	N/A
\$d – Title point value (NR)	N/A
\$i – Display text (NR)	Trailing colon-space (:)
\$x – Nonpublic note (R)	N/A
\$z – Public note (R)	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd526.html>

Example

Current: 526 8# \$i January 1999 selection for: \$a Happy Valley Reading Club.

Future: 526 8# \$i January 1999 selection for \$a Happy Valley Reading Club

3.14 – Bibliographic Field 530 – Additional Physical Form Available Note

MARC Element	Punctuation to be Eliminated
\$a – Additional physical form available note (NR)	N/A
\$b – Availability source (NR)	Preceding semicolon-space (;), etc.
\$c – Availability conditions (NR)	Preceding semicolon-space (;), etc.
\$d – Order number (NR)	Preceding semicolon-space (;), etc.
\$u – Uniform Resource Identifier (R)	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd530.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 530)

Examples

Current: 530 ## \$a Photoreproduced facsimile version; \$b Published as Dudley, Cuthbert, ed., The Novel of Lord Ethelbert of Waxlot (Oxford University Press, 1973).

Future: 530 ## \$a Photoreproduced facsimile version \$b Published as Dudley, Cuthbert, ed., The Novel of Lord Ethelbert of Waxlot (Oxford University Press, 1973)

Current: 530 ## \$a Available in microfilm as part of the Papers of Grover P. Stover; \$b Documentary Microfilms, 450 East 52nd St., New York, N.Y. 10006; \$c Buyers must acquire entire film set; \$d DM-GPS81.

Future: 530 ## \$a Available in microfilm as part of the Papers of Grover P. Stover \$b Documentary Microfilms, 450 East 52nd St., New York, N.Y. 10006 \$c Buyers must acquire entire film set \$d DM-GPS81

Current: 530 ## \$3 Dispatches from U.S. consuls in Batavia, Java, Netherlands East Indies, 1818-1906 \$a Available in microfilm; \$b National Archives; \$d M449; \$c Standing order account required.

Future: 530 ## \$3 Dispatches from U.S. consuls in Batavia, Java, Netherlands East Indies, 1818-1906 \$a Available in microfilm \$b National Archives \$d M449 \$c Standing order account required

3.15 – Bibliographic Field 533 – Reproduction Note

MARC Element	Punctuation to be Eliminated
\$a – Type of reproduction (NR)	N/A
\$b – Place of reproduction (R)	Preceding period-space (.)
\$c – Agency responsible for reproduction (R)	Preceding space-colon-space (:)
\$d – Date of reproduction (NR)	Preceding comma-space (,)
\$e – Physical description of reproduction (NR)	Preceding period-space (.)
\$f – Series statement of reproduction (R)	Preceding period-space (.) and enclosing parentheses (())
\$m – Dates and/or sequential designation of issues reproduced (R)	Preceding period-space (.)
\$n – Note about reproduction (R)	Preceding period-space (.)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd533.html>

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#325>

Examples

Current: 533 ## \$a Photocopy. \$b Seattle, Wash. : \$c University of Washington, \$d 1979. \$e 28 cm.

Future: 533 ## \$a Photocopy \$b Seattle, Wash. \$c University of Washington \$d 1979 \$e 28 cm

Current: 533 ## \$a Microfilm. \$m 1962-1965. \$b Ann Arbor, Mich. : \$c University Microfilms International, \$d 1988. \$e 1 microfilm reel ; 35 mm.

Future: 533 ## \$a Microfilm \$m 1962-1965 \$b Ann Arbor, Mich. \$c University Microfilms International \$d 1988 \$e 1 microfilm reel ; 35 mm

Current: 533 ## \$a Microfilm. \$m July 1919-Nov. 1925. \$b Ann Arbor, Mich. : \$c University Microfilms, \$d 1966?-1980. \$e 15 microfilm reels ; 35 mm. \$f (Current periodical series ; publication no. 2313).

Future: 533 ## \$a Microfilm \$m July 1919-Nov. 1925 \$b Ann Arbor, Mich. \$c University Microfilms \$d 1966?-1980 \$e 15 microfilm reels ; 35 mm \$f Current periodical series ; publication no. 2313

3.16 – Bibliographic Field 534 – Original Version Note

MARC Element	Punctuation to be Eliminated
\$a – Main entry of original (NR)	N/A
\$b – Edition statement of original (NR)	Preceding period-space (.), etc.
\$c – Publication, distribution, etc. of original (NR)	Preceding period-space (.), etc.
\$e – Physical description, etc. of original (NR)	Preceding period-space (.), etc.
\$f – Series statement of original (R)	Preceding period-space (.) and enclosing parentheses (()), etc.
\$k – Key title of original (R)	Preceding period-space (.), etc.
\$l – Location of original (NR)	Preceding period-space (.), etc.
\$m – Material specific details (NR)	Preceding period-space (.), etc.
\$n – Note about original (R)	Preceding period-space (.), etc.
\$o – Other resource identifier (R)	Preceding period-space (.), etc.
\$p – Introductory phrase (NR)	Trailing colon-space (:)
\$t – Title statement of original (NR)	Preceding period-space (.), etc.
\$x – International Standard Serial Number (R)	Preceding period-space (.), etc.
\$z – International Standard Book Number (R)	Preceding period-space (.), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd534.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 536)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#324>

Examples

Current: 534 ## \$p Originally published: \$c New York : Garland, 1987.

Future: 534 ## \$p Originally published \$c New York : Garland, 1987

Current: 534 ## \$p Originally issued: \$a Frederick, John. \$t Luck. \$n Published in: Argosy, 1919.

Future: 534 ## \$p Originally issued \$a Frederick, John \$t Luck \$n Published in: Argosy, 1919

Current: 534 ## \$p Reprint. Originally published: \$c Oxford ; New York : Pergamon Press, 1963. \$f (International series of monographs on electromagnetic waves ; v. 4).

Future: 534 ## \$p Reprint. Originally published \$c Oxford ; New York : Pergamon Press, 1963 \$f International series of monographs on electromagnetic waves ; v. 4

3.17 – Bibliographic Field 535 – Location of Originals/Duplicates Note

MARC Element	Punctuation to be Eliminated
\$a – Custodian (NR)	N/A
\$b – Postal address (R)	Preceding semicolon-space (;), etc.
\$c – Country (R)	Preceding semicolon-space (;), etc.
\$d – Telecommunications address (R)	Preceding semicolon-space (;), etc.
\$g – Repository location code (NR)	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd535.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 535)

Examples

Current: 535 2# \$3 Harrison papers \$a Western Reserve Historical Society; \$b 10825 East Blvd., Cleveland, OH 44106

Future: 535 2# \$3 Harrison papers \$a Western Reserve Historical Society \$b 10825 East Blvd., Cleveland, OH 44106

Current: 535 2# \$3 German notebook \$a Yale University Library, Department of Manuscripts and Archives; \$b Box 1603A Yale Station, New Haven, CT 06520; \$c USA; \$d 203-436-4564

Future: 535 2# \$3 German notebook \$a Yale University Library, Department of Manuscripts and Archives \$b Box 1603A Yale Station, New Haven, CT 06520 \$c USA \$d 203-436-4564

Current: 535 1# \$3 Company histories \$a U.S. Army Military History Institute; \$b Carlisle Barracks, PA 17013; \$d 717-245-3601, 3434 \$g pau

Future: 535 1# \$3 Company histories \$a U.S. Army Military History Institute \$b Carlisle Barracks, PA 17013 \$d 717-245-3601, 3434 \$g pau

3.18 – Bibliographic Field 540 – Terms Governing Use and Reproduction Note

MARC Element	Punctuation to be Eliminated
\$a – Terms governing use and reproduction (NR)	N/A
\$b – Jurisdiction (NR)	Preceding semicolon-space (;), etc.
\$c – Authorization (NR)	Preceding semicolon-space (;), etc.
\$d – Authorized users (NR)	Preceding semicolon-space (;), etc.
\$u – Uniform Resource Identifier (R)	Preceding colon-space (:), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd540.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 540)

Examples

Current: 540 ## \$3 Recorded radio programs \$a There are copyright and contractual restrictions applying to the reproduction of most of these recordings; \$b Department of Treasury; \$c Treasury contracts 7-A130 through 39-A179.

Future: 540 ## \$3 Recorded radio programs \$a There are copyright and contractual restrictions applying to the reproduction of most of these recordings \$b Department of Treasury \$c Treasury contracts 7-A130 through 39-A179

Current: 540 ## \$3 Diaries \$a Photocopying prohibited; \$d Executor of estate.

Future: 540 ## \$3 Diaries \$a Photocopying prohibited \$d Executor of estate

Current: 540 ## \$a Reproduction is restricted through October 2014. See Restrictions Statement for more information: \$u http://lcweb.loc.gov/rr/print/res/273_brum.html

Future: 540 ## \$a Reproduction is restricted through October 2014. See Restrictions Statement for more information \$u http://lcweb.loc.gov/rr/print/res/273_brum.html

3.19 – Bibliographic Field 541 – Immediate Source of Acquisition Note

MARC Element	Punctuation to be Eliminated
\$a – Source of acquisition (NR)	Preceding semicolon-space (;), etc.
\$b – Address (NR)	Preceding semicolon-space (;), etc.
\$c – Method of acquisition (NR)	Preceding semicolon-space (;), etc.
\$d – Date of acquisition (NR)	Preceding semicolon-space (;), etc.
\$e – Accession number (NR)	Preceding semicolon-space (;), etc.
\$f – Owner (NR)	Preceding semicolon-space (;), etc.
\$h – Purchase price (NR)	Preceding semicolon-space (;), etc.
\$n – Extent (R)	Preceding semicolon-space (;), etc.
\$o – Type of unit (R)	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd541.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 541)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#345>

Examples

Current: 541 ## \$3 Ref print \$c Copyright deposit--RNR; \$d Received: 10/30/82; \$a Copyright Collection.

Future: 541 ## \$3 Ref print \$c Copyright deposit--RNR \$d Received: 10/30/82 \$a Copyright Collection

Current: 541 0# \$3 5 diaries \$n 25 \$o cubic feet; \$a Merriwether, Stuart; \$b 458 Yonkers Road, Poughkeepsie, NY 12601; \$c Purchase at auction; \$d 1981/09/24; \$e 81-325; \$f Jonathan P. Merriwether Estate; \$h \$7,850.

Future: 541 0# \$3 5 diaries \$n 25 \$o cubic feet \$a Merriwether, Stuart \$b 458 Yonkers Road, Poughkeepsie, NY 12601 \$c Purchase at auction \$d 1981/09/24 \$e 81-325 \$f Jonathan P. Merriwether Estate \$h \$7,850

Current: 541 ## \$a Wisconsin Office of the Commissioner of Insurance; \$e 81-141002; \$c Records Center transfer; \$n 54 \$o cubic feet; \$n 12 \$o reels of computer tape; \$d 1981/05/11.

Future: 541 ## \$a Wisconsin Office of the Commissioner of Insurance \$e 81-141002 \$c Records Center transfer \$n 54 \$o cubic feet \$n 12 \$o reels of computer tape \$d 1981/05/11

3.20 – Bibliographic Field 544 – Location of Other Archival Materials Note

MARC Element	Punctuation to be Eliminated
\$a – Custodian (R)	Preceding semicolon-space (;), etc.
\$b – Address (R)	Preceding semicolon-space (;), etc.
\$c – Country (R)	Preceding semicolon-space (;), etc.
\$d – Title (R)	N/A
\$e – Provenance (R)	Preceding semicolon-space (;), etc.
\$n – Note (R)	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd544.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 544)

Examples

Current: 544 ## \$d William Fords Provenance; \$e Freen College; \$b 727 Prologue Blvd., History City, MA \$c USA.

Future: 544 ## \$d William Fords Provenance \$e Freen College \$b 727 Prologue Blvd., History City, MA \$c USA

Current: 544 ## \$d Series 462 (Register of criminal actions, 1929-1942); \$e Not included in the initial transfer, accessioned as a separate series.

Future: 544 ## \$d Series 462 (Register of criminal actions, 1929-1942) \$e Not included in the initial transfer, accessioned as a separate series

Current: 544 ## \$d Records of the Rhode Island Loan Office of the Bureau of Public Debt, 1776-1817; \$a Newport Historical Society; \$b 82 Touro Street, Newport, RI 02840; \$c USA; \$e Not transferred to the Second Bank of the United States at the time of its establishment, March 3, 1817.

Future: 544 ## \$d Records of the Rhode Island Loan Office of the Bureau of Public Debt, 1776-1817 \$a Newport Historical Society \$b 82 Touro Street, Newport, RI 02840 \$c USA \$e Not transferred to the Second Bank of the United States at the time of its establishment, March 3, 1817

3.21 – Bibliographic Field 546 – Language Note

MARC Element	Punctuation to be Eliminated
\$a – Language note (NR)	N/A
\$b – Information code or alphabet (R)	Preceding semicolon-space (;), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd546.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 546)

Example

Current: 546 ## \$3 John P. Harrington field notebooks \$a Zuni; \$b Pictograms; \$b Phonetic alphabet.

Future: 546 ## \$3 John P. Harrington field notebooks \$a Zuni \$b Pictograms \$b Phonetic alphabet

3.22 – Bibliographic Field 555 – Cumulative Index/Finding Aids Note

MARC Element	Punctuation to be Eliminated
\$a – Cumulative index/finding aids note (NR)	N/A
\$b – Availability source (R)	Preceding semicolon-space (;), etc.
\$c – Degree of control (NR)	Preceding semicolon-space (;), etc.
\$d – Bibliographic reference (NR)	Preceding semicolon-space (;), etc.
\$u – Uniform Resource Identifier (R)	Preceding period-space (.), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd555.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 555)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#320>

Examples

Current: 555 8# \$a Finding aid available in the Manuscript Reading Room and on Internet. \$u ...

Future: 555 8# \$a Finding aid available in the Manuscript Reading Room and on Internet \$u ...

Current: 555 0# \$a Card files (on approx. 187,000 cards and 5,339 rolls of microfilm); \$c Item level control.

Future: 555 0# \$a Card files (on approx. 187,000 cards and 5,339 rolls of microfilm) \$c Item level control

Current: 555 0# \$3 Claims settled under Treaty of Washington, May 8, 1871 \$a Preliminary inventory prepared in 1962; \$b Available in NARS central search room; \$b NARS Publications Sales Branch; \$d Ulibarri, George S. ...

Future: 555 0# \$3 Claims settled under Treaty of Washington, May 8, 1871 \$a Preliminary inventory prepared in 1962 \$b Available in NARS central search room \$b NARS Publications Sales Branch \$d Ulibarri, George S. ...

3.23 – Bibliographic Field 562 – Copy and Version Identification Note

MARC Element	Punctuation to be Eliminated
\$a – Identifying markings (R)	N/A
\$b – Copy identification (R)	Preceding semicolon-space (;), etc.
\$c – Version identification (R)	Preceding semicolon-space (;), etc.
\$d – Presentation format (R)	Preceding semicolon-space (;), etc.
\$e – Number of copies (R)	Preceding semicolon-space (;), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd562.html>

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#316>

Examples

Current: 562 ## \$e 3 copies kept; \$b Labelled as president's desk copy, board of directors' working file copy, and public release copy.

Future: 562 ## \$e 3 copies kept \$b Labelled as president's desk copy, board of directors' working file copy, and public release copy

Current: 562 ## \$b Marked: "For internal circulation only"; \$e 2 copies.

Future: 562 ## \$b Marked: "For internal circulation only" \$e 2 copies

Current: 562 ## \$c Version with air-brushed color illustrations; \$e 3 copies.

Future: 562 ## \$c Version with air-brushed color illustrations \$e 3 copies

3.24 – Bibliographic Field 565 – Case File Characteristics Note

MARC Element	Punctuation to be Eliminated
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\$a – Number of cases/variables (NR)	N/A
\$b – Name of variable (R)	Preceding semicolon-space (;), etc.
\$c – Unit of analysis (R)	Preceding semicolon-space (;), etc.
\$d – Universe of data (R)	Preceding semicolon-space (;), etc.
\$e – Filing scheme or code (R)	Preceding semicolon-space (;), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd565.html>

Examples

Current: 565 ## \$3 Military petitioners files \$a 11; \$b name; \$b address; \$b date of birth; \$b place of birth; \$b date of application; \$b dates of service; \$b branch of service; \$b rank; \$b date of induction; \$b latest occupation; \$b dependents; \$c pensioners; \$d Civil War (1861-65) veterans

Future: 565 ## \$3 Military petitioners files \$a 11 \$b name \$b address \$b date of birth \$b place of birth \$b date of application \$b dates of service \$b branch of service \$b rank \$b date of induction \$b latest occupation \$b dependents \$c pensioners \$d Civil War (1861-65) veterans

Current: 565 0# \$3 Product use survey \$a 3; \$b sex; \$b age; \$b marital status; \$c retail customers; \$d Northeast coast distribution area

Future: 565 0# \$3 Product use survey \$a 3 \$b sex \$b age \$b marital status \$c retail customers \$d Northeast coast distribution area

Current: 565 8# \$3 Vandalism report files \$a 14; \$b name; \$b address; \$b occupation; \$c local jurisdiction; \$d registered voters; \$e alphabetical by jurisdiction

Future: 565 8# \$3 Vandalism report files \$a 14 \$b name \$b address \$b occupation \$c local jurisdiction \$d registered voters \$e alphabetical by jurisdiction

3.25 – Bibliographic Field 584 – Accumulation and Frequency of Use Note

MARC Element	Punctuation to be Eliminated
\$a – Accumulation (R)	Preceding period-space (.), etc.
\$b – Frequency of use (R)	Preceding period-space (.), etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd584.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 584)

Examples

Current: 584 ## \$3 General subject files \$a 45 cu. ft. average annual accumulation 1970-1979. \$a 5.4 cu. ft. average monthly accumulation, 1979-82. \$a Current average monthly accumulation is 2 cu. ft.

Future: 584 ## \$3 General subject files \$a 45 cu. ft. average annual accumulation 1970-1979 \$a 5.4 cu. ft. average monthly accumulation, 1979-82 \$a Current average monthly accumulation is 2 cu. ft.

Current: 584 ## \$b An average of 15 reference requests per month, with peak demand during June and December. \$b Total reference requests for 1984: 179.

Future: 584 ## \$b An average of 15 reference requests per month, with peak demand during June and December \$b Total reference requests for 1984: 179

3.26 – Bibliographic Field 880 – Alternate Graphic Representation

Fields in alternate scripts embedded in field 880 should follow the same punctuation recommendations made elsewhere in this report corresponding to the tag in \$6.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd880.html>

Examples

Current: 260 ## \$6 880-12 \$a Moskva : \$b Izd-vo "Nauka", \$c 1982.
880 ## \$6 260-12/(N \$a Москва : \$b Изд-во "Наука", \$c 1982.
Future: 260 ## \$6 880-12 \$a Moskva \$b Izd-vo "Nauka" \$c 1982
880 ## \$6 260-12/(N \$a Москва \$b Изд-во "Наука" \$c 1982

3.27 – Authority Field 020 – International Standard Book Number

MARC Element	Punctuation to be Eliminated
\$a – International Standard Book Number (NR)	N/A
\$c – Terms of availability (NR)	Preceding space-colon-space (:)
\$q – Qualifying information (R)	Enclosing parentheses (()) or preceding space-semicolon-space (;)
\$z – Canceled/invalid ISBN (R)	N/A

There are currently no instances of \$c or \$q in the LC/NACO Authority File.

MARC 21 – <https://www.loc.gov/marc/authority/ad020.html>

3.28 – Authority Field 024 – Other Standard Identifier

MARC Element	Punctuation to be Eliminated
\$a – Standard number or code (NR)	N/A
\$c – Terms of availability (NR)	Preceding space-colon-space (:)
\$d – Additional codes following the standard number or code (NR)	N/A
\$q – Qualifying information (R)	Enclosing parentheses (()) or preceding space-semicolon-space (;)
\$z – Canceled/invalid standard number or code (R)	N/A

There are currently no instances of \$c or \$q in the LC/NACO Authority File.

MARC 21 – <https://www.loc.gov/marc/authority/ad024.html>

4 – Fields Requiring Substantive Changes to MARC 21

This section lists fields, other than access points, for which there are substantive changes needed in MARC 21 in the form of additional coding to allow for identification of elements otherwise identified solely by punctuation. MARC 21 documentation would also need to be updated to remove references to punctuation in the text and use of punctuation in examples. ***Note that most of these changes are optional and may not be needed given the life expectancy of MARC 21.***

Fields are generally listed here in MARC tag order. In some cases, a section on a particular type of element applicable to multiple fields is separately listed before the specific fields which would require use of that element. No authority fields are listed in this section.

Recommendations are outlined in tables which display MARC data elements on the left with an indication of ISBD or other punctuation to be omitted on the right. While corresponding pre-ISBD punctuation would also be omitted, it often varies and is not necessarily listed in each case. MARC data elements include the subfield code, name, and an indication of repeatability, i.e., (R) or (NR), etc. For any variable field, all alphabetic subfields are listed including those where no punctuation change is needed. Numeric control subfields are generally excluded since they are already input without punctuation.

While the task group was charged to identify elements that required new coding alongside punctuation to be eliminated, it became clear in the initial group discussions that new subfield codes needed to be selected to facilitate discussion and illustrate examples of how bibliographic data would appear if punctuation were removed in favor of additional coding. Proposed subfields are marked with the designation [*new*]. The MARC Advisory Committee would be free to accept, reject, or make alternate choices on specific codes.

Punctuation that would be removed from MARC records is listed in terms of how it would appear in a displayed record (e.g., space-colon-space) rather than how such punctuation is recorded in a MARC record since trailing blanks are routinely omitted.

These tables can also be used as the basis for supplying any needed punctuation for catalog displays after punctuation has been removed from MARC records.

Links to ISBD, MARC 21, UKMARC, and UNIMARC are provided for comparison and reference when they apply.

Examples illustrate the differences between current punctuation and coding practice versus a future scenario where most punctuation is omitted and additional coding is present.

4.1 – Bibliographic Leader/18 – Descriptive Cataloging Form

MARC Codes	Notes
# – Non-ISBD [<i>no change</i>]	Punctuation may or may not be included in the record
a – AACR 2 [<i>no change</i>]	Punctuation included in the record
c – ISBD punctuation omitted [<i>no change</i>]	Specific rules coded in 040 \$e when applicable

i – ISBD punctuation included [<i>no change</i>]	Specific rules coded in 040 \$e when applicable
n – Non-ISBD punctuation omitted [<i>new</i>]	Specific rules coded in 040 \$e when applicable
u – Unknown [<i>no change</i>]	N/A

ISBD-based records currently have two codes, one to indicate the presence of punctuation and one to indicate the omission of punctuation. The same differentiation is needed for non-ISBD records to indicate the presence of punctuation or the omission of punctuation. Code *n* was approved in June 2016 and will be added into MARC 21 documentation.

MARC 21 Leader – <http://www.loc.gov/marc/bibliographic/bdleader.html>

MARC 21 Field 040 – <http://www.loc.gov/marc/bibliographic/bd040.html>

MARC 21 Description convention source codes – <http://www.loc.gov/standards/sourcelist/descriptive-conventions.html>

Examples

Non-ISBD

Current: Leader/18 = #

Future: Leader/18 = n

040 ## ... \$e <code for rules if known>

AACR2

Current: Leader/18 = a

Future: Leader/18 = c

040 ## ... \$e aacr/2

RDA

Current: Leader/18 = i

040 ## ... \$e rda

Future: Leader/18 = c

040 ## ... \$e rda

Other ISBD-based rules

Current: Leader/18 = i

Future: Leader/18 = c

040 ## ... \$e <code for rules if known>

4.2 – Bibliographic Field 210 – Abbreviated Title

MARC Element	Punctuation to be Eliminated
\$a – Abbreviated title (NR) [<i>no change</i>]	N/A

\$b – Qualifying information (R) [<i>change of repeatability</i>]	Enclosing parentheses (()) and preceding comma-space (,) in the case of multiple qualifiers
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MARC 21 – <http://www.loc.gov/marc/bibliographic/bd210.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 210)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni5.htm#531>

Examples

Current: 210 0# \$a Plant prot. bull. \$b (Faridabad)

Future: 210 0# \$a Plant prot. bull. \$b Faridabad

Current: 210 0# \$a Annu. rep. - Dep. Public Welfare \$b (Chic.)

Future: 210 0# \$a Annu. rep. - Dep. Public Welfare \$b Chic.

Current: 210 0# \$a Fam. her. \$b (Montr., 1859)

Future: 210 0# \$a Fam. her. \$b Montr. \$b 1859

4.3 – Bibliographic Field 222 – Key Title

MARC Element	Punctuation to be Eliminated
\$a – Key title (NR) [<i>no change</i>]	N/A
\$b – Qualifying information (R) [<i>change of repeatability</i>]	Enclosing parentheses (()) and preceding period-space (.) in the case of multiple qualifiers

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 8)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd222.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 222)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni5.htm#530>

Examples

Current: 222 #0 \$a Viva \$b (New York)

Future: 222 #0 \$a Viva \$b New York

Current: 222 #4 \$a Der Öffentliche Dienst \$b (Köln)

Future: 222 #4 \$a Der Öffentliche Dienst \$b Köln

Current: 222 #0 \$a Family herald \$b (Montreal. 1859)

Future: 222 #0 \$a Family herald \$b Montreal \$b 1859

4.4 – Bibliographic Field 242 – Translation of Title by Cataloging Agency

MARC Element	Punctuation to be Eliminated
\$a – Title proper or subsequent title by the same author (R) [<i>change of definition and repeatability</i>]	Preceding space-semicolon-space (;) in the cases of subsequent titles by the same author

\$b – Other title information (R) [<i>change of definition and repeatability</i>]	Preceding space-colon-space (:)
\$c – Statement of responsibility (R) [<i>change of definition and repeatability</i>]	Preceding space-slash-space (/)
\$e – Subsequent title by a different author (R) [<i>new</i>]	Preceding period-space (.)
\$h – Medium (NR) [<i>no change</i>]	Enclosing brackets ([])
\$n – Number of part/section of a work (R) [<i>no change</i>]	Preceding period-space (.)
\$o – Conjunction connecting titles (R) [<i>new</i>]	Preceding comma-space (,) in the case of alternative titles, preceding space-semi-colon-space (;) in the case of non-collective titles by the same author, and trailing comma-space (,)
\$p – Name of part/section of a work (R) [<i>no change</i>]	Preceding comma-space (,) or period-space (.)
\$q – Alternative title (R) [<i>new</i>]	Preceding comma-space (,)
\$y – Language code of translated title (NR) [<i>no change</i>]	N/A

Since the content of field 242 closely corresponds to the content of field 245, the subfields should closely correspond. For more information on proposed subfields and proposed changes to existing subfields, see field 245. It would appear that there is no need for subfields to accommodate parallel data since it would result in the same translation.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd242.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 242)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni5.htm#541>

Examples

Current: 242 00 \$a Annals of chemistry. \$n Series C, \$p Organic chemistry and biochemistry. \$y eng

Future: 242 00 \$a Annals of chemistry \$n Series C \$p Organic chemistry and biochemistry \$y eng

4.5 – Parallel Data (Bibliographic Fields 245, 246, 247, 250, 254, 260, 264, and 490)

MARC Element	Punctuation to be Eliminated
\$r – Parallel data (R) (corresponding to \$a) [<i>new</i>]	Preceding space-equal sign-space (=)
\$t – Parallel data (R) (corresponding to subfields other than \$a) [<i>new</i>] (<i>all except 254</i>)	Preceding space-equal sign-space (=)

ISBD allows for the inclusion of parallel language or script data in bibliographic descriptions. If a single element within an area is presented in more than one language, such data would be preceded by space-equal sign-space. If multiple elements in an area are presented in more than one language or script, such data would be grouped together with the initial element preceded by space-equal sign-space; however, subsequent elements would be preceded by punctuation specific to that element, e.g., a space-colon-space preceding other title information.

The following template shows required ISBD punctuation for multiple parallel elements that are grouped together in contrast to another template which shows required ISBD punctuation for individual parallel elements:

- Title proper : other title information / statement of responsibility = parallel title : parallel other title information / parallel statement of responsibility.

versus

- Title proper : other title information = parallel other title information / statement of responsibility = parallel statement of responsibility.

It is the existence of parallel data for a single element as in this last example that is the most problematic. Parallel other title information following other title information would be preceded by a space-equal sign-space, while parallel other title information following a parallel title would be preceded by a space-colon-space. Designating separate subfield codes for each possible type of parallel element has the effect of doubling the number of subfield codes needed in any field. The simpler solution would be use to a single subfield to code for parallel data to accommodate parallel data for a single element with the meaning dependent on the subfield code that precedes it. Coding of an initial parallel element in a sequence of multiple parallel elements would still require separate subfield codes as proposed for the various fields below.

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see 0.3.2.9)

Examples

See the examples under bibliographic fields 245, 246, 247, 250, 260, 264, and 490.

4.6 – Bibliographic Field 245 – Title Statement

MARC Element	Punctuation to be Eliminated
\$a – Title proper or subsequent title by the same author (R) [<i>change of definition and repeatability</i>]	Preceding space-semicolon-space (;) in the cases of subsequent titles by the same author
\$b – Other title information (R) [<i>change of definition and repeatability</i>]	Preceding space-colon-space (:)
\$c – Statement of responsibility (R) [<i>change of definition and repeatability</i>]	Preceding space-slash-space (/)
\$d – Subsequent statement of responsibility (R) [<i>new</i>]	Preceding space-semicolon-space (;)
\$e – Subsequent title by a different author (R) [<i>new</i>]	Preceding period-space (.)
\$f – Inclusive dates (NR) [<i>no change</i>]	Preceding comma-space (,)
\$g – Bulk dates (NR) [<i>no change</i>]	N/A
\$h – Medium (NR) [<i>no change</i>]	Enclosing brackets ([])
\$k – Form (R) [<i>no change</i>]	Preceding space-colon-space (:)
\$n – Number of part/section of a work (R) [<i>no change</i>]	Preceding period-space (.)

\$o – Conjunction connecting titles (R) [<i>new</i>]	Preceding comma-space (,) in the case of alternative titles, preceding space-semicolon-space (;) in the case of non-collective titles by the same author, and trailing comma-space (,)
\$p – Name of part/section of a work (R) [<i>no change</i>]	Preceding comma-space (,) or period-space (.)
\$q – Alternative title (R) [<i>new</i>]	Preceding comma-space (,)
\$r – Parallel title (R) [<i>new</i>]	Preceding space-equal sign-space (=)
\$s – Version (NR) [<i>no change</i>]	Preceding period-space (.)
\$t – Other parallel data (R) [<i>new</i>]	Preceding space-equal sign-space (=)

Subfields \$a and \$b should be more narrowly redefined to coincide with the adoption of subfields \$d, \$e, \$q, \$r, and \$t which coincide with the various elements defined for ISBD area 1. The addition of \$o for conjunctions connecting alternative titles or individual titles in an item lacking a collective title would allow for clearer identification of the specific titles and potentially eliminate the need to rekey these same titles in 246 in order to provide title access points. Subfields selected to identify the new elements should match those needed in 242, 246, 247, 490, etc., to make coding easier.

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 1)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd245.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 245)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni2.htm#200>

Examples

Current: 245 14 \$a The plays of Oscar Wilde / \$c Alan Bird.

Future: 245 14 \$a The plays of Oscar Wilde \$c Alan Bird

Current: 245 10 \$a Rock mechanics : \$b journal of the International Society for Rock Mechanics = Felsmechanik.

Future: 245 10 \$a Rock mechanics \$b journal of the International Society for Rock Mechanics \$r Felsmechanik

Current: 245 00 \$a Retail et volaille / \$c Bureau des statistiques de Québec = Livestock and poultry / Quebec Bureau of Statistics.

Future: 245 00 \$a Retail et volaille \$c Bureau des statistiques de Québec \$r Livestock and poultry \$c Quebec Bureau of Statistics

Current: 245 10 \$a How to play chess / \$c Kevin Wicker ; with a foreword by David Pritchard ; illustrated by Karel Feuerstein.

Future: 245 10 \$a How to play chess \$c Kevin Wicker \$d with a foreword by David Pritchard \$d illustrated by Karel Feuerstein

Current: 245 00 \$a Lord Macaulay's essays ; \$b and, Lays of ancient Rome.

Future: 245 00 \$a Lord Macaulay's essays \$o and \$a Lays of ancient Rome

Current: 245 10 \$a Under the hill, or, The story of Venus and Tannhauser.

Future: 245 10 \$a Under the hill \$o or \$q The story of Venus and Tannhauser

Current: 245 10 \$a Concerto per piano n. 21, K 467 \$h [sound recording] / \$c W.A. Mozart. L'assedio di Corinto. Ouverture / G. Rossini.

Future: 245 10 \$a Concerto per piano n. 21, K 467 \$h sound recording \$c W.A. Mozart \$e L'assedio di Corinto \$p Ouverture \$c G. Rossini

4.7 – Bibliographic Field 246 – Varying Form of Title

MARC Element	Punctuation to be Eliminated
\$a – Title proper/short title (NR) [no change]	N/A
\$b – Other title information (R) [change of definition and repeatability]	Preceding space-colon-space (:)
\$f – Date or sequential designation (NR) [no change]	Preceding comma-space (,)
\$g – Miscellaneous information (NR) [no change]	Enclosing parentheses (())
\$h – Medium (NR) [no change]	Enclosing brackets ([])
\$i – Display text (NR) [no change]	Trailing colon-space (:)
\$n – Number of part/section of a work (R) [no change]	Preceding period-space (.)
\$o – Conjunction connecting titles (R) [new]	Preceding comma-space (,) in the case of alternative titles, preceding space-semicolon-space (;) in the case of non-collective titles by the same author, and trailing comma-space (,)
\$p – Name of part/section of a work (R) [no change]	Preceding comma-space (,) or period-space (.)
\$q – Alternative title (R) [new]	Preceding comma-space (,)
\$r – Parallel title (R) [new]	Preceding space-equal sign-space (=)
\$t – Other parallel data (R) [new]	Preceding space-equal sign-space (=)

Subfields selected to identify the new elements should match those needed in 242, 245, 247, 490, etc., to make coding easier.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd246.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 246)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni5.htm> (see fields 510-518)

Example

Current: 246 1# \$i Panel title: \$a Welcome to big Wyoming

Future: 246 1# \$i Panel title \$a Welcome to big Wyoming

4.8 – Bibliographic Field 247 – Former Title

MARC Element	Punctuation to be Eliminated
\$a – Title proper/short title (NR) [no change]	N/A

\$b – Other title information (R) [<i>change of definition and repeatability</i>]	Preceding space-colon-space (:)
\$f – Date or sequential designation (NR) [<i>no change</i>]	Preceding comma-space (,)
\$g – Miscellaneous information (NR) [<i>no change</i>]	Enclosing parentheses (())
\$h – Medium (NR) [<i>no change</i>]	Enclosing brackets ([])
\$n – Number of part/section of a work (R) [<i>no change</i>]	Preceding period-space (.)
\$o – Conjunction connecting titles (R) [<i>new</i>]	Preceding comma-space (,) in the case of alternative titles, preceding space-semi-colon-space (;) in the case of non-collective titles by the same author, and trailing comma-space (,)
\$p – Name of part/section of a work (R) [<i>no change</i>]	Preceding comma-space (,) or period-space (.)
\$q – Alternative title (R) [<i>new</i>]	Preceding comma-space (,)
\$r – Parallel title (R) [<i>new</i>]	Preceding space-equal sign-space (=)
\$t – Other parallel data (R) [<i>new</i>]	Preceding space-equal sign-space (=)
\$x – International Standard Serial Number (NR) [<i>no change</i>]	N/A

Subfields selected to identify the new elements should match those needed in 242, 245, 246, 490, etc., to make coding easier.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd247.html>

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni5.htm#520>

Examples

Current: 247 10 \$a Progress report under the joint program to improve accounting in the Federal Government \$g (varies slightly) \$f 1st-10th

Future: 247 10 \$a Progress report under the joint program to improve accounting in the Federal Government \$g varies slightly \$f 1st-10th

4.9 – Bibliographic Field 250 – Edition Statement

MARC Element	Punctuation to be Eliminated
\$a – Edition statement (NR) [<i>no change</i>]	N/A
\$b – Remainder of edition statement (NR) [<i>change to obsolete</i>]	Preceding space-slash-space (/)
\$c – Statement of responsibility (R) [<i>new</i>]	Preceding space-slash-space (/)
\$d – Subsequent statement of responsibility (R) [<i>new</i>]	Preceding space-semi-colon-space (;)
\$r – Parallel edition statement (R) [<i>new</i>]	Preceding space-equal sign-space (=)
\$t – Other parallel data (R) [<i>new</i>]	Preceding space-equal sign-space (=)

ISBD area 2 is similar to area 1 in that they can both contain statements of responsibility, subsequent statements of responsibility, parallel data, etc. The majority of edition statements are simple and

require nothing more than \$a. The group recommends that the less frequently used \$b be made obsolete to coincide with the adoption of \$c, \$d, \$r, and \$t which would match the proposed coding for 245 making it easier to code the occasional complex edition statement.

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 2)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd250.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 250)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni2.htm#205>

Examples

Current: 250 ## \$a Canadian ed. = \$b Éd. canadienne.

Future: 250 ## \$a Canadian ed. \$r Éd. canadienne

Current: 250 ## \$a 3rd draft / \$b edited by Paul Watson.

Future: 250 ## \$a 3rd draft \$c edited by Paul Watson

Current: 250 ## \$a 4th ed. / \$b revised by J.G. Le Mesurier and E. McIntosh.

Future: 250 ## \$a 4th ed. \$c revised by J.G. Le Mesurier and E. McIntosh

Current: 250 ## \$a Rev. ed. / \$b with revisions, an introduction, and a chapter on writing by E.B. White.

Future: 250 ## \$a Rev. ed. \$c with revisions, an introduction, and a chapter on writing by E.B. White

4.10 – Bibliographic Field 254 – Musical Presentation Statement

MARC Element	Punctuation to be Eliminated
\$a – Musical presentation statement (NR) [no change]	N/A
\$r – Parallel musical presentation statement (R) [new]	Preceding space-equal sign-space (=)

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 3)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd254.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 254)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni2.htm#208>

Example

Current: 254 ## Jatszopartitura = Playing score.

Future: 254 ## Jatszopartitura \$r Playing score

4.11 – Bibliographic Field 255 – Cartographic Mathematical Data

MARC Element	Punctuation to be Eliminated
\$a – Statement of scale (NR) [no change]	N/A
\$b – Statement of projection (NR) [no change]	Preceding space-semicolon-space (;)
\$c – Statement of coordinates (NR) [no change]	Enclosing parentheses (())

\$d – Statement of zone (NR) [<i>no change</i>]	Enclosing parentheses (())
\$e – Statement of equinox (NR) [<i>no change</i>]	Enclosing parentheses (()) and/or preceding space-semicolon-space (;)
\$f – Outer G-ring coordinate pairs (NR) [<i>no change</i>]	N/A
\$g – Exclusion G-ring coordinate pairs (NR) [<i>no change</i>]	N/A
\$s – Equivalent scale statement (R) [<i>new</i>]	Preceding period-space (.)
\$v – Vertical scale statement (R) [<i>new</i>]	Preceding period-space (.)

Subfields for equivalent scale statements and for vertical scale statements would separate those statements from the initial statement of scale for better identification and elimination of punctuation.

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 3)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd255.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 256)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni2.htm#206>

Examples

Current: 255 ## \$a Scale approximately 1:90,000.

Future: 255 ## \$a Scale approximately 1:90,000

Current: 255 ## \$a Scale 1:6,336,000. 1" = 100 miles. Vertical scale 1:192,000. 1/16" = approximately 1000'.

Future: 255 ## \$a Scale 1:6,336,000 \$s 1" = 100 miles \$v Vertical scale 1:192,000 \$s 1/16" = approximately 1000'

Current: 255 ## \$a Scale [ca. 1:13,835,000]. 1 cm = 138 km. 1 in. = 218 miles ; \$b Chamberlin trimetric proj.

Future: 255 ## \$a Scale [ca. 1:13,835,000] \$s 1 cm = 138 km \$s 1 in. = 218 miles \$b Chamberlin trimetric proj.

Current: 255 ## \$a Scale 1:22,000,000 ; \$b Conic proj. \$c (E 72°--E 148°/N 13°--N 18°).

Future: 255 ## \$a Scale 1:22,000,000 \$b Conic proj. \$c E 72°--E 148°/N 13°--N 18°

Current: 255 ## \$a Scale not given \$d (RA 0 hr. to 24 hr./Decl. +90° to -90° ; \$e eq. 1980).

Future: 255 ## \$a Scale not given \$d RA 0 hr. to 24 hr./Decl. +90° to -90° \$e eq. 1980

4.12 – Bibliographic Field 260 – Publication, Distribution, etc. (Imprint)

MARC Element	Punctuation to be Eliminated
\$a – Place of publication, distribution, etc. (R) [<i>no change</i>]	Preceding space-semicolon-space (;) in the case of subsequent places of publication, distribution, etc.
\$b – Name of publisher, distributor, etc. (R) [<i>no change</i>]	Preceding space-colon-space (:)

\$c – Date of publication, distribution, etc. (R) [<i>no change</i>]	Preceding comma-space (,)
\$e – Place of manufacture (R) [<i>no change</i>]	Enclosing parentheses (())
\$f – Manufacturer (R) [<i>no change</i>]	Enclosing parentheses (()) or preceding space-colon-space (:)
\$g – Date of manufacture (R) [<i>no change</i>]	Enclosing parentheses (()) or preceding comma-space (,)
\$q – Address associated with place of publication, distribution, etc. (R) [<i>new</i>]	Enclosing parentheses (())
\$r – Parallel place of publication, distribution, etc. (R) [<i>new</i>]	Preceding space-equal sign-space (=)
\$t – Other parallel data (R) [<i>new</i>]	Preceding space-equal sign-space (=)
\$3 – Materials specified (NR) [<i>no change</i>]	Trailing colon-space (:)

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 4)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd260.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 260)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni2.htm#210>

Examples

Current: 260 ## \$a Washington, D.C. : \$b U.S. Dept. of Agriculture, Forest Service : \$b For sale by the Supt. of Docs. U.S. G.P.O., \$c 1981.

Future: 260 ## \$a Washington, D.C. \$b U.S. Dept. of Agriculture, Forest Service \$b For sale by the Supt. of Docs. U.S. G.P.O. \$c 1981

Current: 260 ## \$a New York ; \$a Berlin : \$b Springer Verlag, \$c 1977.

Future: 260 ## \$a New York \$a Berlin \$b Springer Verlag \$c 1977

Current: 260 ## \$a Paris : \$b Gauthier-Villars ; \$a Chicago : \$b University of Chicago Press, \$c 1955.

Future: 260 ## \$a Paris \$b Gauthier-Villars \$a Chicago \$b University of Chicago Press \$c 1955

Current: 260 ## \$a Washington, D.C. (1649 K St., N.W., Washington 20006) : \$b Wider Opportunities for Women, \$c 1979, ©1975.

Future: 260 ## \$a Washington, D.C. \$q 1649 K St., N.W., Washington 20006 \$b Wider Opportunities for Women \$c 1979, ©1975

Current: 260 ## \$a London : \$b Arts Council of Great Britain, \$c 1976 \$e (Twickenham : \$f CTD Printers, \$g 1974)

Future: 260 ## \$a London \$b Arts Council of Great Britain \$c 1976 \$e Twickenham \$f CTD Printers \$g 1974

Current: 260 ## \$a Harmondsworth : \$b Penguin, \$c 1949 \$g (1963 printing)

Future: 260 ## \$a Harmondsworth \$b Penguin \$c 1949 \$g 1963 printing

Current: 260 3# \$3 June 1993- : \$a London : \$b Elle

Future: 260 3# \$3 June 1993- \$a London \$b Elle

4.13 – Bibliographic Field 264 – Production, Publication, Distribution, Manufacture, and Copyright Notice

MARC Element	Punctuation to be Eliminated
\$a – Place of production, publication, distribution, manufacture (R) [<i>no change</i>]	Preceding space-semicolon-space (;) in the case of subsequent places of production, publication, distribution, or manufacture
\$b – Name of producer, publisher, distributor, manufacturer (R) [<i>no change</i>]	Preceding space-colon-space (:)
\$c – Date of production, publication, distribution, manufacture, or copyright notice (R) [<i>no change</i>]	Preceding comma-space (,)
\$q – Address associated with place of publication, distribution, etc. (R) [<i>new</i>]	Enclosing parentheses (())
\$r – Parallel place of publication, distribution, etc. (R) [<i>new</i>]	Preceding space-equal sign-space (=)
\$t – Other parallel data (R) [<i>new</i>]	Preceding space-equal sign-space (=)
\$3 – Materials specified (NR) [<i>no change</i>]	Trailing colon-space (:)

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 4)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd264.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 260)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni2.htm#210>

Examples

Current: 264 #1 \$a Washington, D.C. : \$b U.S. Dept. of Agriculture, Forest Service, \$c 1981.

Future: 264 #1 \$a Washington, D.C. \$b U.S. Dept. of Agriculture, Forest Service \$c 1981

Current: 264 #1 \$a New York ; \$a Berlin : \$b Springer Verlag, \$c 1977.

Future: 264 #1 \$a New York \$a Berlin \$b Springer Verlag \$c 1977

Current: 264 #1 \$a Paris : \$b Gauthier-Villars ; \$a Chicago : \$b University of Chicago Press, \$c 1955.

Future: 264 #1 \$a Paris \$b Gauthier-Villars \$a Chicago \$b University of Chicago Press \$c 1955

Current: 264 #1 \$a Washington, D.C. (1649 K St., N.W., Washington 20006) : \$b Wider Opportunities for Women, \$c 1979.

Future: 264 #1 \$a Washington, D.C. \$q 1649 K St., N.W., Washington 20006 \$b Wider Opportunities for Women \$c 1979

Current: 264 31 \$3 June 1993- : \$a London : \$b Elle

Future: 264 31 \$3 June 1993- \$a London \$b Elle

4.14 – Bibliographic Field 300 – Physical Description

MARC Element	Punctuation to be Eliminated
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\$a – Extent (R) [<i>no change</i>]	Preceding space-plus sign-space (+) in the case of scores with parts
\$b – Other physical details (NR) [<i>no change</i>]	Preceding space-colon-space (:)
\$c – Dimensions (R) [<i>no change</i>]	Preceding space-semicolon-space (;)
\$e – Accompanying material (R) [change of repeatability]	Preceding space-plus sign-space (+)
\$f – Type of unit (R) [<i>no change</i>]	N/A
\$g – Size of unit (R) [<i>no change</i>]	N/A
\$h – Extent of accompanying material (R) [<i>new</i>]	Enclosing parentheses (())
\$i – Other physical details of accompanying material (R) [<i>new</i>]	Enclosing parentheses (()) or preceding space-colon-space (:)
\$j – Dimensions of accompanying material (R) [<i>new</i>]	Enclosing parentheses (()) or preceding semicolon-space (;)

When details of accompanying material are important enough to note, it would be useful to identify those elements at the same level of coding detail as the primary material.

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 5)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd300.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags300.pdf (see field 300)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni2.htm#215>

Examples

Current: 300 ## \$a 149 pages ; \$c 23 cm.

Future: 300 ## \$a 149 pages \$c 23 cm

Current: 300 ## \$a 1 score (16 pages) ; \$c 29 cm.

Future: 300 ## \$a 1 score (16 pages) \$c 29 cm

Current: 300 ## \$a 1 audio disc (20 min.) : \$b analog, 33 1/3 rpm, stereo ; \$c 12 in.

Future: 300 ## \$a 1 audio disc (20 min.) \$b analog, 33 1/3 rpm, stereo \$c 12 in.

Current: 300 ## \$a 1 score (30 pages) ; \$c 20 cm. + \$a 16 parts ; \$c 32 cm.

Future: 300 ## \$a 1 score (30 pages) \$c 20 cm \$a 16 parts \$c 32 cm

Current: 300 ## \$a 1 print : \$b lithograph, black and white ; \$c image 33 x 41 cm., on sheet 46 x 57 cm.

Future: 300 ## \$a 1 print \$b lithograph, black and white \$c image 33 x 41 cm, on sheet 46 x 57 cm

Current: 300 ## \$a 271 pages : \$b ill. ; \$c 21 cm + \$e 1 atlas (37 pages, 19 leaves : color maps ; 37 cm)

Future: 300 ## \$a 271 pages \$b ill. \$c 21 cm \$e 1 atlas \$h 37 pages, 19 leaves \$i color maps \$j 37 cm

4.15 – Bibliographic Field 310 – Current Publication Frequency

MARC Element	Punctuation to be Eliminated
\$a – Current publication frequency (NR) [<i>no change</i>]	N/A

\$b – Date of current publication frequency (NR) [no change]	Preceding comma-space (,)
\$n – Qualifying information (NR) [new]	Enclosing parentheses (())

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd310.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags300.pdf (see field 310)

UNIMARC – <http://archive.ifa.org/VI/3/p1996-1/uni3.htm#326>

Examples

Current: 310 ## \$a Monthly, \$b 1958-

Future: 310 ## \$a Monthly \$b 1958-

Current: 310 ## \$a Updated quarterly, \$b Jan.-Mar. 2001-

Future: 310 ## \$a Updated quarterly \$b Jan.-Mar. 2001-

Current: 310 ## \$a Monthly (except July and Aug.)

Future: 310 ## \$a Monthly \$n except July and Aug.

4.16 – Bibliographic Field 321 – Former Publication Frequency

MARC Element	Punctuation to be Eliminated
\$a – Former publication frequency (NR) [no change]	N/A
\$b – Dates of former publication frequency (NR) [no change]	Preceding comma-space (,)
\$n – Qualifying information (NR) [new]	Enclosing parentheses (())

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd321.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags300.pdf (see field 321)

UNIMARC – <http://archive.ifa.org/VI/3/p1996-1/uni3.htm#326>

Examples

Current: 321 ## \$a Bimonthly, \$b June 1, 1967-July 15, 1976

Future: 321 ## \$a Bimonthly \$b June 1, 1967-July 15, 1976

Current: 321 ## \$a Frequency varies, \$b 1966-1983

Future: 321 ## \$a Frequency varies \$b 1966-1983

Current: 321 ## \$a Daily (Monday through Friday), \$b <1965>-Jan. 31, 1975

Future: 321 ## \$a Daily \$n Monday through Friday \$b <1965>-Jan. 31, 1975

4.17 – Bibliographic Field 362 – Dates of Publication and/or Sequential Designation

MARC Element	Punctuation to be Eliminated
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\$a – Text of note (NR) [<i>change of definition</i>]	N/A
\$b – Beginning date/sequential designation of issues or parts (R) [<i>new</i>]	Preceding space-semicolonspace (;) in the case of a new sequence of numbering
\$c – Ending date/sequential designation of issues or parts (R) [<i>new</i>]	Preceding hyphen (-)
\$d – Dates associated with a sequential designation of issues or parts (R) [<i>new</i>]	Enclosing parentheses (())
\$e – Alternative beginning date/sequential designation of issues or parts (R) [<i>new</i>]	Preceding space-equal sign-space (=)
\$f – Alternative ending date/sequential designation of issues or parts (R) [<i>new</i>]	Preceding space-equal sign-space (=) and/or preceding hyphen (-)
\$i – Display text (NR) [<i>new</i>]	Trailing colon-space (:)
\$z – Source of information (NR) [<i>no change</i>]	Preceding period-space (.)

The group recommends that new sequences of numbering be input in separate 362 fields specifically to accommodate situations where the initial designation in an initial sequence is known but the ending designation in that initial sequence is not, e.g., “**Current:** 362 0# No. 1- ; -Apr. 1980” meaning that it began with number 1 and at some point the number stopped and subsequent issues carried only date designations.

To handle the situation where only a single issue was published the second indicator should be defined to convey that information, e.g., # – No information provided or multiple issues present, 1 – Only a single issue published.

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 3)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd362.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf (see field 255)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni2.htm#207>

Examples

Current: 362 0# \$a Volume 1, number 1 (April 1981)-

Future: 362 0# \$b Volume 1, number 1 \$d April 1981

Current: 362 0# \$a 1968-

Future: 362 0# \$b 1968

Current: 362 0# \$a Vol. 1, no. 1 (Apr. 1983)-v. 1, no. 3 (June 1983).

Future: 362 0# \$b Vol. 1, no. 1 \$d Apr. 1983 \$c v. 1, no. 3 \$d June 1983

Current: 362 0# \$a Vol. 1, no. 1 (May 1981)-v. 3, no. 1 (May 1983) = no. 1-no. 9.

Future: 362 0# \$b Vol. 1, no. 1 \$d May 1981 \$c v. 3, no. 1 \$d May 1983 \$e no. 1 \$f no. 9

Current: 362 0# \$a Oct. 1970-Dec. 1980 ; new ser., v. 1, no. 1 (Jan. 1981)-

Future: 362 0# \$b Oct. 1970 \$c Dec. 1980

362 0# \$b New ser., v. 1, no. 1 \$d Jan. 1981

Current: 362 1# \$a Ceased with 2 (1964).

Future: 362 1# \$i Ceased with \$c 2 \$d 1964

Current: 362 1# \$a Began with v. 4, published in 1947.

Future: 362 1# \$i Began with \$b v. 4, published in 1947 [no actual date designation is present]

Current: 362 1# \$a Began with 1930 issue. \$z Cf. Letter from Ak. State Highway Dept., Aug. 6, 1975.

Future: 362 1# \$a Began with 1930 issue \$z Cf. Letter from Ak. State Highway Dept., Aug. 6, 1975

Current: 362 1# \$a Ceased in 2007.

Future: 362 1# \$a Ceased in 2007

4.18 – Bibliographic Field 490 – Series Statement

MARC Element	Punctuation to be Eliminated
\$a – Title proper of series (NR) [change of definition and repeatability]	N/A
\$b – Other title information of series (R) [new]	Preceding space-colon-space (:)
\$c – Statement of responsibility of series (R) [new]	Preceding space-slash-space (/)
\$d – Subsequent statement of responsibility of series (R) [new]	Preceding space-semicolon-space (;)
\$l – Library of Congress call number (NR) [no change]	Enclosing parentheses (())
\$n – Number of part/section of series (R) [new]	Preceding period-space (.)
\$p – Name of part/section of series (R) [new]	Preceding comma-space (,) or period-space (.)
\$r – Parallel title of series (R) [new]	Preceding space-equal sign-space (=)
\$t – Other parallel data (R) [new]	Preceding space-equal sign-space (=)
\$v – Volume/sequential designation (R) [no change]	Preceding space-semicolon-space (;)
\$x – International Standard Serial Number (R) [no change]	Preceding comma-space (,)
\$y – Alternative numbering system (R) [new]	Preceding space-equal sign-space (=)
\$3 – Materials specified (NR) [no change]	Trailing colon-space (:)

Subfields selected to identify the new elements should match those needed in 242, 245, 246, 247, etc., to make coding easier.

ISBD – http://www.ifla.org/files/cataloguing/isbd/isbd-cons_2007-en.pdf (see area 6)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd490.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags300.pdf (see field 490)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni2.htm#225>

Examples

Current: 490 1# \$a Bulletin / U.S. Department of Labor, Bureau of Labor Statistics

Future: 490 1# \$a Bulletin \$c U.S. Department of Labor, Bureau of Labor Statistics

Current: 490 1# \$3 v. 9-<10>: \$a MPCHT art and anthropological monographs ; \$v no. 35

Future: 490 1# \$3 v. 9-<10> \$a MPCHT art and anthropological monographs \$v no. 35

Current: 490 1# \$a Detroit area study, 1971 : social problems and social change in Detroit ; \$v no. 19

Future: 490 1# \$a Detroit area study, 1971 \$b social problems and social change in Detroit \$v no. 19

Current: 490 1# \$3 1972/73-1975-76: \$a Research report / National Education Association Research

Future: 490 1# \$3 1972/73-1975-76 \$a Research report \$c National Education Association Research

Current: 490 1# \$a Department of State publication ; \$v 7846. \$a Department and Foreign Service series ; \$v 128

Future: 490 1# \$a Department of State publication \$v 7846 \$p Department and Foreign Service series \$v 128

Current: 490 1# \$a Annual census of manufactures = \$a Recensement des manufactures, \$x 0315-5587

Future: 490 1# \$a Annual census of manufactures \$r Recensement des manufactures \$x 0315-5587

Current: 490 1# \$a Papers and documents of the I.C.I. Series C, Bibliographies ; \$v no. 3 = \$a Travaux et documents de l'I.C.I. Série C, Bibliographies ; \$v no 3

Future: 490 1# \$a Papers and documents of the I.C.I. \$n Series C \$p Bibliographies \$v no. 3 \$r Travaux et documents de l'I.C.I. \$n Série C \$p Bibliographies \$v no 3

Current: 490 1# \$a Forschungen zur Geschichte Vorarlbergs ; \$v 6. Bd. = der ganzen Reihe 13 Bd.

Future: 490 1# \$a Forschungen zur Geschichte Vorarlbergs \$v 6. Bd. \$y der ganzen Reihe 13 Bd.

Current: 490 1# \$a Lund studies in geography, \$x 1400-1144 ; \$v 101. \$a Ser. B, Human geography, \$x 0076-1478 ; \$v 48

Future: 490 1# \$a Lund studies in geography \$x 1400-1144 \$v 101 \$n Ser. B \$p Human geography \$x 0076-1478 \$v 48

4.19 – Display Text (Bibliographic Fields 500, 501, 504, 505, 538, 547, 550, and 580)

MARC Element	Punctuation to be Eliminated
\$i – Display text (NR) [new]	Trailing colon-space (:)

Although some of the fields for which \$i is being proposed do not have specific display constants defined, it may be useful to implement a first indicator, e.g., # = Display constant generated, 8 = No display constant generated, in order to control the display of a default caption such as *Note*: avoiding display of double captions, e.g., *Note: At head of title*: STP-PT-023.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd5xx.html>

Examples

See the examples under fields 500, 501, 504, 505, 538, 547, 550, and 580.

4.20 – Source (Bibliographic Fields 500, 515, 520, and 525)

MARC Element	Punctuation to be Eliminated
\$z – Source (NR) [<i>new</i>]	Preceding dash (--) or preceding period-space (.)

Use of \$z for source information would allow it to be potentially excluded from indexing and display when needed.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd5xx.html>

Examples

See the examples under fields 500, 515, 520, and 525.

4.21 – Bibliographic Field 500 – General Note

MARC Element	Punctuation to be Eliminated
\$a – General note (NR) [<i>no change</i>]	N/A
\$i – Display text (NR) [<i>new</i>]	Trailing colon-space (:)
\$z – Source (NR) [<i>new</i>]	Preceding dash (--) or preceding period-space (.)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd500.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 500)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#300>

Examples

Current: 500 ## \$a At head of title: STP-PT-023.

Future: 500 8# \$i At head of title \$a STP-PT-023

Current: 500 ## \$a Date of issuance: Feb. 23, 2009.

Future: 500 8# \$i Date of issuance \$a Feb. 23, 2009

Current: 500 ## \$a Originally published: 1993.

Future: 500 8# \$i Originally published \$a 1993

Current: 500 ## \$a Number of players: 1-2.

Future: 500 8# \$i Number of players \$a 1-2

Current: 500 ## \$a “May 6, 2010”--Cover.

Future: 500 ## \$a “May 6, 2010” \$z Cover

Current: 500 ## \$a Source of data: Survey of Consumer Finances, conducted from 1946-1971, by the Economic Behavior Prog., Survey Research Center, University of Michigan.

Future: 500 8# \$i Source of data \$a Survey of Consumer Finances, conducted from 1946-1971, by the Economic Behavior Prog., Survey Research Center, University of Michigan

Current: 500 ## \$a "The first American Jewish weekly of its kind"--The Jewish encyclopedia, v. 8.
Future: 500 ## \$a "The first American Jewish weekly of its kind" \$z The Jewish encyclopedia, v. 8

Current: 500 ## \$a "Evaluation and Investigations Program"--Cover.
Future: 500 ## \$a "Evaluation and Investigations Program" \$z Cover

Current: 500 ## \$a Republican. Cf. Gutgesell, S. Guide to Ohio newspapers, 1974.
Future: 500 ## \$a Republican \$z Cf. Gutgesell, S. Guide to Ohio newspapers, 1974

4.22 – Bibliographic Field 501 – With Note

MARC Element	Punctuation to be Eliminated
\$a – With note (NR) [no change]	N/A
\$i – Display text (NR) [new]	Trailing colon-space (:)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd501.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 501)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#316>

Examples

Current: 501 ## \$a With (on verso): Motor road map of south-east England.
Future: 501 8# \$i With (on verso) \$a Motor road map of south-east England

Current: 501 ## \$a On reel with: They're in the Army now.
Future: 501 8# \$i On reel with \$a They're in the Army now

Current: 501 ## \$a Mounted on a wooden stand to form a pair with: Bale's New celestial globe, 1845.
Future: 501 8# \$i Mounted on a wooden stand to form a pair with \$a Bale's New celestial globe, 1845

4.23 – Bibliographic Field 502 – Dissertation Note

MARC Element	Punctuation to be Eliminated
\$a – Dissertation note (NR) [no change]	N/A
\$b – Degree type (NR) [no change]	Enclosing parentheses (())
\$c – Name of granting institution (NR) [no change]	Preceding dash (--)
\$d – Year degree granted (NR) [no change]	Preceding comma-space (,)
\$g – Miscellaneous information (R) [no change]	N/A
\$o – Dissertation identifier (R) [no change]	N/A

Elements in this field are important enough to always identify individually, so the group recommends routine use of subfields \$b, \$c, \$d, etc., rather than \$a.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd502.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 502)

UNIMARC – <http://archive.ifa.org/VI/3/p1996-1/uni3.htm#328>

Examples

Current: 502 ## \$a Thesis (M.A.)--University College, London, 1969.

Future: 502 ## \$b M.A. \$c University College, London \$d 1969

Current: 502 ## \$a Thesis (Ph. D.)--Ohio State University, 2008.

Future: 502 ## \$b Ph. D. \$c Ohio State University \$d 2008

Current: 502 ## \$b (Ph. D.)-- \$c University of Louisville, \$d 1997.

Future: 502 ## \$b Ph. D. \$c University of Louisville \$d 1997

4.24 – Bibliographic Field 504 – Bibliography, etc. Note

MARC Element	Punctuation to be Eliminated
\$a – Bibliography, etc. note (NR) [no change]	N/A
\$b – Number of references (NR) [no change]	N/A
\$i – Display text (NR) [new]	Trailing colon-space (:)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd504.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 504)

UNIMARC – <http://archive.ifa.org/VI/3/p1996-1/uni3.htm#320>

Examples

Current: 504 ## \$a Bibliography: p. 238-239.

Future: 504 8# \$i Bibliography \$a p. 238-239

Current: 504 ## \$a Discography: p. 105-111.

Future: 504 8# \$i Discography \$a p. 105-111

Current: 504 ## \$a Filmography: v. 2, p. 344-360.

Future: 504 8# \$i Filmography \$a v. 2, p. 344-360

4.25 – Bibliographic Field 505 – Formatted Contents Note

MARC Element	Punctuation to be Eliminated
\$a – Formatted contents note (NR) [no change]	N/A
\$g – Miscellaneous information (R) [change of definition]	Enclosing parentheses (())
\$i – Display text (NR) [new]	Trailing colon-space (:)
\$n – Designation of a part (R) [new]	Preceding space dash space (--)
\$r – Statement of responsibility (R) [no change]	Preceding space-slash-space (/)
\$t – Title (R) [no change]	Preceding space dash space (--) or period-space (.)
\$u – Uniform Resource Identifier (R) [no change]	N/A

Elements in this field are important enough to always identify individually so the group recommends routine use of subfields \$g, \$n, \$r, \$t, etc., rather than \$a.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd505.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 505)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#327>

Examples

Current: 505 0# \$a Future land use plan -- Recommended capital improvements -- Existing land use -- Existing zoning.

Future: 505 00 \$t Future land use plan \$t Recommended capital improvements \$t Existing land use \$t Existing zoning

Current: 505 0# \$a Area 1, Lone Pine to Big Pine -- Area 2, Bishop to Mammoth Lakes -- Area 3, June Lake to Bridgeport -- Area 4, White Mountains area.

Future: 505 00 \$t Area 1, Lone Pine to Big Pine \$t Area 2, Bishop to Mammoth Lakes \$t Area 3, June Lake to Bridgeport \$t Area 4, White Mountains area

Current: 505 00 \$t Quatrain II \$g (16:35) -- \$t Water ways \$g (1:57) -- \$t Waves \$g (10:49).

Future: 505 00 \$t Quatrain II \$g 16:35 \$t Water ways \$g 1:57 \$t Waves \$g 10:49

Current: 505 20 \$t Baptisms, 1816-1872 -- \$t Church members, 1816-1831 -- \$t History of the Second Presbyterian Church of West Durham / \$r by L.H. Fellows.

Future: 505 20 \$t Baptisms, 1816-1872 \$t Church members, 1816-1831 \$t History of the Second Presbyterian Church of West Durham \$r by L.H. Fellows

Current: 505 10 \$g Nr. 1. \$t Region Neusiedlersee -- \$g Nr. 2. \$t Region Rosalia/Lithagebirge -- \$g Nr. 3. \$t Region Mettelburgenland -- \$g Nr. 4. \$t Region südliches Burgenland -- \$g Nr. 5. \$t Region Südburgland.

Future: 505 10 \$n Nr. 1 \$t Region Neusiedlersee \$n Nr. 2 \$t Region Rosalia/Lithagebirge \$n Nr. 3 \$t Region Mettelburgenland \$n Nr. 4 \$t Region südliches Burgenland \$n Nr. 5 \$t Region Südburgland

Current: 505 0# \$a Contents of disc 1: Episode 1. The last of the free -- Episode 2. Hammers of the Scots -- Episode 3. Bishop makes kings.

Future: 505 00 \$i Contents of disc 1 \$n Episode 1 \$t The last of the free \$n Episode 2 \$t Hammers of the Scots \$n Episode 3 \$t Bishop makes kings

4.26 – Bibliographic Field 508 – Creation/Production Credits Note

MARC Element	Punctuation to be Eliminated
\$a – Creation/production credits note (R) [<i>change of repeatability</i>]	Preceding space-semicolonspace (;)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd508.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 508)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#322>

Examples

Current: 508 ## \$a Producer, Joseph N. Ermolieff ; director, Lesley Selander ; screenplay, Theodore St. John ; music director, Michel Michelet.

Future: 508 ## \$a Producer, Joseph N. Ermolieff \$a director, Lesley Selander \$a screenplay, Theodore St. John \$a music director, Michel Michelet

Current: 508 ## \$a Film editor, Martyn Down ; consultant, Robert F. Miller.

Future: 508 ## \$a Film editor, Martyn Down \$a consultant, Robert F. Miller

Current: 508 ## \$a Photographer, Richard Beymer ; film editor, Charles Pavlich.

Future: 508 ## \$a Photographer, Richard Beymer \$a film editor, Charles Pavlich

4.27 – Bibliographic Field 511 – Participant or Performer Note

MARC Element	Punctuation to be Eliminated
\$a – Participant or performer note (R) [<i>change of repeatability</i>]	Preceding space-semicolon-space (;)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd511.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 508)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#323>

Example

Current: 511 0# \$a Marshall Moss, violin ; Neil Roberts, harpsichord.

Future: 511 0# \$a Marshall Moss, violin \$a Neil Roberts, harpsichord

4.28 – Bibliographic Field 515 – Numbering Peculiarities Note

MARC Element	Punctuation to be Eliminated
\$a – Numbering peculiarities note (NR) [<i>no change</i>]	N/A
\$z – Source (NR) [<i>new</i>]	Preceding period-space (.)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd515.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 515)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#315>

Example

Current: 515 ## \$a None published 1941-1946. Cf. Brit. Mus. Gen. cat. of printed books.

Future: 515 ## \$a None published 1941-1946 \$z Cf. Brit. Mus. Gen. cat. of printed books

4.29 – Bibliographic Field 520 – Summary, etc.

MARC Element	Punctuation to be Eliminated
\$a – Summary, etc. (NR) [<i>no change</i>]	N/A
\$b – Expansion of summary note (NR) [<i>no change</i>]	N/A
\$c – Assigning source (NR) [<i>no change</i>]	N/A
\$u – Uniform Resource Identifier (R) [<i>no change</i>]	N/A
\$z – Source (NR) [<i>new</i>]	Preceding dash (--) or preceding period-space (.)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd520.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see fields 512-513)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni3.htm#330>

Examples

Current: 520 ## \$a Papers "originally commissioned as course material for a series of continuing legal education seminars"--Pref., v. 1.

Future: 520 ## \$a Papers "originally commissioned as course material for a series of continuing legal education seminars" \$z Pref., v. 1

Current: 520 1# \$a "Combines the most frequently asked questions regarding AIDS with the most prominent US physician, former Surgeon General C. Everett Koop, resulting in an informative 38-minute production"--Cf. Video rating guide for libraries, winter 1990.

Future: 520 1# \$a "Combines the most frequently asked questions regarding AIDS with the most prominent US physician, former Surgeon General C. Everett Koop, resulting in an informative 38-minute production" \$z Cf. Video rating guide for libraries, winter 1990

4.30 – Bibliographic Field 525 – Supplement Note

MARC Element	Punctuation to be Eliminated
\$a – Supplement note (NR) [<i>no change</i>]	N/A
\$z – Source (NR) [<i>new</i>]	Preceding period-space (.)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd525.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 525)

Example

Current: 525 ## \$a Vols. for 1961- kept up to date by midyear supplements. Cf. New serial titles.

Future: 525 ## \$a Vols. for 1961- kept up to date by midyear supplements \$z Cf. New serial titles

4.31 – Bibliographic Field 538 – System Details Note

MARC Element	Punctuation to be Eliminated
\$a – System details note (NR) [<i>no change</i>]	N/A
\$i – Display text (NR) [<i>change of definition</i>]	Trailing colon-space (:)
\$u – Uniform Resource Identifier (R) [<i>no change</i>]	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd538.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 542)

UNIMARC – <http://archive.ifa.org/VI/3/p1996-1/uni3.htm#337>

Examples

Current: 538 ## \$a Disk characteristics: Disk is single sided, double density, soft sector.

Future: 538 8# \$i Disk characteristics \$a Disk is single sided, double density, soft sector

Current: 538 ## \$a System requirements: IBM 360 and 370; 9K bytes of internal memory; OS SVS and OSMVS.

Future: 538 8# \$i System requirements \$a IBM 360 and 370; 9K bytes of internal memory; OS SVS and OSMVS

Current: 538 ## \$a Mode of access: World Wide Web.

Future: 538 8# \$i Mode of access \$a World Wide Web

4.32 – Bibliographic Field 547 – Former Title Complexity Note

MARC Element	Punctuation to be Eliminated
\$a – Former title complexity note (NR) [no change]	N/A
\$i – Display text (NR) [new]	Trailing colon-space (:)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd547.html>

Examples

Current: 547 ## \$a Title varies: 1716?-1858, Notizie del mondo--1860-71, 1912- Annuario pontificio (1872-1911, Gerarchia cattolica).

Future: 547 8# \$i Title varies \$a 1716?-1858, Notizie del mondo--1860-71, 1912- Annuario pontificio (1872-1911, Gerarchia cattolica)

Current: 547 ## \$a Edition varies: 1916, New York edition.

Future: 547 8# \$i Edition varies \$a 1916, New York edition

4.33 – Bibliographic Field 550 – Issuing Body Note

MARC Element	Punctuation to be Eliminated
\$a – Issuing body note (NR) [no change]	N/A
\$i – Display text (NR) [new]	Trailing colon-space (:)

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd550.html>

Examples

Current: 550 ## \$a Issued with: Bureau de recherches géologiques et minières, 1972-

Future: 550 8# \$i Issued with \$a Bureau de recherches géologiques et minières, 1972-

Current: 550 ## \$a Issued by: Anthropos-Institut, 1935-

Future: 550 8# \$i Issued by \$a Anthropos-Institut, 1935-

Current: 550 ## \$a Vols. for 1972- issued with: Bureau de recherches géologiques et minières.

Future: 550 ## \$i Vols. for 1972- issued with \$a Bureau de recherches géologiques et minières

4.34 – Bibliographic Field 580 – Linking Entry Complexity Note

MARC Element	Punctuation to be Eliminated
\$a – Linking entry complexity note (R) [<i>change of repeatability</i>]	N/A
\$i – Display text (R) [<i>new</i>]	Trailing colon-space (:), etc.

Unlike other note fields where \$i Display text should be implemented, field 580 requires repeatable \$a and \$i to handle multiple cited titles and intervening text.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd580.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags500.pdf (see field 580)

UNIMARC – <http://archive.ifa.org/VI/3/p1996-1/uni3.htm#311>

Examples

Current: 580 ## \$a Cumulates: Deutsche Bibliographie. Wöchentliches Verzeichnis.

Future: 580 8# \$i Cumulates \$a Deutsche Bibliographie. Wöchentliches Verzeichnis

Current: 580 ## \$a Merged with: Index chemicus (Philadelphia, Pa. : 1977), to form: Current abstracts of chemistry and index chemicus (Philadelphia, Pa. : 1978).

Future: 580 8#\$i Merged with \$a Index chemicus (Philadelphia, Pa. : 1977) \$i to form \$a Current abstracts of chemistry and index chemicus (Philadelphia, Pa. : 1978)

Current: 580 ## \$a Continued by: Ionospheric predictions issued by the laboratory under its later name: Institute for Telecommunication Sciences and Aeronomy.

Future: 580 8# \$i Continued by \$a Ionospheric predictions \$i issued by the laboratory under its later name \$a Institute for Telecommunication Sciences and Aeronomy

4.35 – Bibliographic Linking Entry Fields (760, 762, 765, 767, 770, 772, 773, 774, 775, 776, 777, 780, 785, 786, and 787)

MARC Element	Punctuation to be Eliminated
\$a – Main entry heading (NR) [<i>no change</i>]	N/A
\$b – Edition (NR) [<i>no change</i>]	Preceding period-space (.)
\$c – Qualifying information (NR) (<i>all except 773</i>) [<i>no change</i>]	Preceding period-space (.)
\$d – Place, publisher, and date of publication (NR) [<i>no change</i>]	Preceding period-space (.)

\$e – Language code (NR) (775 only) [no change]	N/A
\$f – Country code (NR) (775 only) [no change]	N/A
\$g – Related parts (R) [no change]	Preceding period-space (.)
\$h – Physical description (NR) [no change]	Preceding period-space (.)
\$i – Relationship information (R) [no change]	Trailing colon-space (:)
\$j – Period of content (R) (786 only) [no change]	N/A
\$k – Series data for related item (R) (all except 760 and 762) [no change]	Preceding period-space (.)
\$m – Material specific details (NR) [no change]	Preceding period-space (.)
\$n – Note (R) [no change]	Preceding period-space (.)
\$o – Other item identifier (R) [no change]	N/A
\$p – Abbreviated title (NR) (773 and 786 only) [no change]	Preceding period-space (.)
\$q – Enumeration and first page (NR) (773 only) [no change]	N/A
\$r – Report number (R) (all except 760, 762, and 777) [no change]	N/A
\$s – Uniform title (NR) [no change]	Preceding period-space (.)
\$t – Title (NR) [no change]	Preceding period-space (.)
\$u – Standard Technical Report Number (NR) (all except 760, 762, and 777) [no change]	N/A
\$v – Source contribution (NR) (786 only) [no change]	N/A
\$w – Record control number (R) [no change]	N/A
\$x – International Standard Serial Number (NR) [no change]	N/A
\$y – CODEN designation (NR) [no change]	N/A
\$z – International Standard Book Number (R) (all except 760, 762, and 777) [no change]	N/A
\$1 – Linking data (R) [new]	Preceding period-space (.)

Subfields in the linking fields often correspond to entire fields of data in the cited record (e.g., \$d corresponds to 260 \$a, \$b, \$c, etc.). Consequently, these fields will contain embedded ISBD punctuation designating elements without corresponding coding to perform that same function. There are not enough letters or numbers available to separately subfield all the possible elements. UNIMARC resolves this problem using an embedded field technique where \$1 is recorded followed by the variable field tag, indicators, subfield codes and data. The similar technique could be implemented in MARC 21 using \$j since \$1 is unlikely to be available.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd76x78x.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags700.pdf (see field 760, etc.)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni4.htm>

Examples

Traditional Method Examples

Current: 775 0# \$a Mellor, Alec. \$t Strange masonic stories \$e eng
Future: 775 0# \$a Mellor, Alec \$t Strange masonic stories \$e eng

Current: 776 08 \$i Print version: \$a McConnell, John H. \$t How to design, implement, and interpret an employee survey. \$d New York : AMACOM, c2003 \$z 0814407099 \$w (DLC)##2002153914# \$w (OCoLC)51020412
Future: 776 08 \$i Print version \$a McConnell, John H. \$t How to design, implement, and interpret an employee survey \$d New York : AMACOM, c2003 \$z 0814407099 \$w (DLC)##2002153914# \$w (OCoLC)51020412

Current: 780 07 \$a British Columbia. Ministry of Provincial Secretary and Government Services. \$t Annual report \$x 0226-0883 \$w (DLC)###80649039# \$w (OCoLC)6270433
Future: 780 07 \$a British Columbia. Ministry of Provincial Secretary and Government Services \$t Annual report \$x 0226-0883 \$w (DLC)###80649039# \$w (OCoLC)6270433

Embedded Field Examples

Current: 775 0# \$a Mellor, Alec. \$t Strange masonic stories \$e eng
Future: 775 0# \$j 1001# \$a Mellor \$h Alec \$j 24510 \$a Strange masonic stories \$j 7750# \$e eng

Current: 776 08 \$i Print version: \$a McConnell, John H. \$t How to design, implement, and interpret an employee survey. \$d New York : AMACOM, c2003 \$z 0814407099 \$w (DLC)##2002153914# \$w (OCoLC)51020412
Future: 776 08 \$i Print version \$j 1001# \$a McConnell \$h John H. \$1 24510 \$a How to design, implement, and interpret an employee survey \$j 260## \$a New York \$b AMACOM \$c c2003 \$j 77608 \$z 0814407099 \$w (DLC)##2002153914# \$w (OCoLC)51020412

Current: 780 07 \$a British Columbia. Ministry of Provincial Secretary and Government Services. \$t Annual report \$x 0226-0883 \$w (DLC)###80649039# \$w (OCoLC)6270433
Future: 780 07 \$j 1101# \$a British Columbia \$b Ministry of Provincial Secretary and Government Services \$j 24510 \$a Annual report \$j 78007 \$x 0226-0883 \$w (DLC)###80649039# \$w (OCoLC)6270433

5 – Access Point Fields Requiring Substantive Changes to MARC 21 Bibliographic and Authority Formats

This section lists access point fields for which there are substantive changes needed in MARC 21 in the form of additional coding to allow for identification of elements otherwise identified solely by punctuation. MARC 21 documentation would also need to be updated to remove references to punctuation in the text and use of punctuation in examples. Fields are listed here groups.

Recommendations are outlined in tables which display MARC data elements on the left with an indication of ISBD or other punctuation to be omitted on the right. While corresponding pre-ISBD punctuation would also be omitted, it often varies and is not necessarily listed in each case. MARC data elements include the subfield code, name, and an indication of repeatability, i.e., (R) or (NR), etc. For any one type of variable field, all alphabetic subfields are listed including those where no punctuation change is needed. Numeric control subfields are generally excluded since they are already input without punctuation.

While the task group was charged to identify elements that required new coding alongside punctuation to be eliminated, it became clear in the initial group discussions that new subfield codes needed to be selected to facilitate discussion and illustrate examples of how bibliographic data would appear if punctuation were removed in favor of additional coding. Proposed subfields are marked with the designation [*new*]. The MARC Advisory Committee would be free to accept, reject, or make alternate choices on specific codes.

Punctuation that would be removed from MARC records is listed in terms of how it would appear in a displayed record (e.g., space-colon-space) rather than how such punctuation is recorded in a MARC record since trailing blanks are routinely omitted.

These tables can also be used as the basis for supplying any needed punctuation for catalog displays after punctuation has been removed from MARC records.

Links to ISBD, MARC 21, UKMARC, and UNIMARC are provided for comparison and reference when they apply.

Examples illustrate the differences between current punctuation and coding practice versus a future scenario where most punctuation is omitted and additional coding is present.

5.1 – Access Points (Bibliographic Fields 100-130, 240, 243, 600-658, 700-730, 800-830 and Corresponding 1xx, 4xx, 5xx, and 7xx Authority Fields)

MARC Element	Punctuation to be Eliminated
\$b – Title qualifying information (R) [<i>new</i>] (130, 240, 243, 600, 610, 611, 630, 700, 710, 711, 730, 800, 810, 811, and 830 only)	Enclosing parentheses (()) or preceding space-colon-space (:) in the case of multiple qualifiers
\$g – Name or subject qualifying information (R) [<i>change of name, definition, and repeatability</i>] (100, 110, 111, 130, 240, 243, 600, 610, 611, 630,	Enclosing parentheses (()) or preceding space-colon-space (:) in the case of multiple qualifiers

648, 650, 651, 655, 656, 657, 658, 700, 710, 711, 730, 800, 810, 811, and 830)	
\$h – Inverted text/Medium (R) [<i>change of definition and repeatability</i>] (100, 600, 610, 611, 630, 648, 650, 651, 655, 656, 657, 658, 700, and 800 only)	Preceding comma-space (,)

Inverted Text

Whether a personal name access point, a name of a geographic feature, a topical subject access point, etc., use of the comma is ambiguous. The first comma in \$a may be an indication of inverted text, or it may be there to indicate a grammatical break in a series of words.

For example, the access points “**100 1# \$a** Smith, Patrick Robert” and “**100 1# \$a** Smith Patrick, Robert” represent two different people, one with the surname “Smith” and the other with the compound surname “Smith Patrick.” Use of the comma in this case is significant. However, in the phrase access point “**100 0# \$a** Author of Our valley, Rosebuds, The children of Seeligsberg, &c., &c.” the four commas are present only for grammatical reasons as there is no inverted text.

Consider the following list of subject access points both in direct order as well as inverted:

Animals, Mythical, in art
Associations, institutions, etc.
Associations, institutions, etc., Foreign
Canons, Cathedral, collegiate, etc.
Canons, fugues, etc.
Comic books, strips, etc., in art
Fredericksburg, Battle of, Fredericksburg, Va., 1862
San Francisco Earthquake and Fire, Calif., 1906

It is difficult for a program to reliably make use of commas to determine what is inverted versus what is not for indexing, sorting, automatic creation of references, etc.

The traditional arrangement of inverted access points in displays would place the initial element with its inverted text ahead of longer phrases beginning with the same words. Consider the arrangement of the following access points and variants:

Per traditional sorting rules the arrangement should be:

Equations, Cubic
Equations, Quadratic
Equations, Roots of
Equations of motion
Equations of state

rather than

Equations, Cubic

Equations of motion
Equations of state
Equations, Quadratic
Equations, Roots of

in the case where access points are arranged simply word by word.

The NACO normalization rule retaining the first comma in \$a is arbitrary and encompasses both important and inconsequential uses of the comma. That rule could be eliminated if inverted access points were better identified by placing inverted text in a separate subfield.

Qualifying Information

Personal names, corporate names, geographic names, uniform titles, and topical subjects can include cataloger-supplied qualifiers necessary to identify the name or title or to help clarify the meaning or scope of a subject. However, parentheses also occur as part of various names and titles so that its use is ambiguous.

The issues related to qualifying information are similar to those for inverted text in access points. Qualifiers are not specifically identified so that they can be appropriately handled in indexing, sorting, etc.

The traditional arrangement of qualified access points in displays would place the initial element with its qualifier ahead of longer phrases beginning with the same words. Consider the arrangement of the following access points and variants:

Per traditional sorting rules the arrangement should be:

Equilibrium
Equilibrium (Economics)
Equilibrium (Physiology)
Equilibrium of chains
Equilibrium of flexible surfaces

rather than

Equilibrium
Equilibrium (Economics)
Equilibrium of chains
Equilibrium of flexible surfaces
Equilibrium (Physiology)

Like inverted text, qualifiers should be separately coded to assist in indexing and sorting when needed.

Available Subfield Codes

Most access point fields have no remaining letters available to be newly defined to contain inverted text and qualifying information. As much as possible these codes should be the same for one type of access

point to the next. The only solution would be use make use of existing title subfield codes defining an additional use in the name portion of an access point as well as make use of existing name subfield codes defining an additional use in the title portion of an access point. While less than ideal, there is a precedent for this situation with x00 \$g and \$n, x10 \$d, \$g, and \$n, etc.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bdheading.html> and <http://www.loc.gov/marc/bibliographic/bd6xx.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags100.pdf, http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags600.pdf, and http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags700.pdf

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni6.htm> and <http://archive.ifla.org/VI/3/p1996-1/uni7.htm>

Examples

See the examples under personal names, corporate names, meeting names, uniform titles, subjects, and index terms.

5.2 – Personal Names (Name Portion of Bibliographic Fields 100, 600, 700, 800 and Authority Fields 100, 400, 500, 700)

MARC Element	Punctuation to be Eliminated
\$a – Personal name or personal name entry element (NR) [<i>change of definition</i>]	N/A
\$b – Numeration (NR) [<i>no change</i>]	N/A
\$c – Titles and words associated with a name (R) [<i>change of definition</i>]	Preceding comma-space (,)
\$d – Dates associated with a name (NR) [<i>no change</i>]	Preceding comma-space (,)
\$e – Relator term (R) [<i>no change</i>]	Preceding comma-space (,)
\$g – Qualifying information (R) [<i>change of definition and repeatability</i>]	Enclosing parentheses (())
\$h – Inverted portion of name (R) [<i>new</i>]	Preceding comma-space (,)
\$j – Attribution qualifier (R) [<i>no change</i>]	Preceding comma-space (,)
\$q – Fuller form of name (NR) [<i>no change</i>]	Enclosing parentheses (())
\$u – Affiliation (NR) [<i>no change</i>]	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bdx00.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags700.pdf

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni7.htm#700>

Examples

Current: 700 1# \$a Salamín C., Marcel A.

Future: 700 1# \$a Salamín C. \$h Marcel A.

Current: 100 1# \$a El Saffar, Ruth S., \$d 1941-

Future: 100 1# \$a El Saffar \$h Ruth S. \$d 1941-

Current: 100 1# \$a P-Orridge, Genesis, \$d 1950-

Future: 100 1# \$a P-Orridge \$h Genesis \$d 1950-

Current: 100 1# \$a Blackbeard, Author of, \$d 1777-1852.

Future: 100 1# \$a Blackbeard \$h Author of \$d 1777-1852

Current: 600 30 \$a Norfolk, Dukes of.

Future: 600 30 \$a Norfolk \$h Dukes of

Current: 100 1# \$a Walle-Lissnijder, \$c van de.

Future: 100 1# \$a Walle-Lissnijder \$c van de

Current: 700 0# \$a Charles Edward, \$c Prince, grandson of James II, King of England, \$d 1720-1788.

Future: 700 0# \$a Charles Edward \$c Prince, grandson of James II, King of England \$d 1720-1788

Current: 100 0# \$a Claude, \$c d'Abbeville, père, \$d d. 1632.

Future: 100 0# \$a Claude \$c d'Abbeville, père \$d d. 1632

Current: 700 1# \$a Hecht, Ben, \$d 1893-1964, \$e writing, \$e direction, \$e production.

Future: 700 1# \$a Hecht \$h Ben \$d 1893-1964 \$e writing \$e direction \$e production

Current: 100 1# \$a Beethoven, Ludwig van, \$d 1770-1827 \$c (Spirit)

Future: 100 1# \$a Beethoven \$h Ludwig van \$d 1770-1827 \$g Spirit

Current: 600 00 \$a Moses \$c (Biblical leader)

Future: 600 00 \$a Moses \$g Biblical leader

Current: 100 1# \$a Reynolds, Joshua, \$c Sir, \$d 1723-1792, \$j Pupil of.

Future: 100 1# \$a Reynolds \$h Joshua \$c Sir \$d 1723-1792 \$j Pupil of

Current: 100 0# \$a H. D. \$q (Hilda Doolittle), \$d 1886-1961.

Future: 100 0# \$a H. D. \$q Hilda Doolittle \$d 1886-1961

Current: 100 1# \$a Beeton, \$c Mrs. \$q (Isabella Mary), \$d 1836-1865.

Future: 100 1# \$a Beeton \$c Mrs. \$q Isabella Mary \$d 1836-1865

5.3 – Corporate Names (Name Portion of Bibliographic Fields 110, 610, 710, 810 and Authority Fields 110, 410, 510, 710)

MARC Element	Punctuation to be Eliminated
\$a – Corporate name or jurisdiction name as entry element (NR) [no change]	N/A
\$b – Subordinate unit (R) [no change]	Preceding period-space (.)
\$c – Location of meeting (NR) [no change]	Enclosing parentheses (()) or preceding space-colon-space (:)

\$d – Date of meeting or treaty signing (R) [<i>no change</i>]	Enclosing parentheses (()) or preceding space-colon-space (:)
\$e – Relator term (R) [<i>no change</i>]	Preceding comma-space (,)
\$g – Qualifying information (R) [<i>change of definition and repeatability</i>]	Enclosing parenthesis (())
\$n – Number of meeting (R) [<i>no change</i>]	Enclosing parentheses (())
\$u – Affiliation (NR) [<i>no change</i>]	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bdx10.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags700.pdf (see field 710)

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni7.htm#710>

Examples

Current: 110 1# \$a Canada. \$b Department of Agriculture.

Future: 110 1# \$a Canada \$b Department of Agriculture

Current: 110 1# \$a Fairfax County (Va.). \$b Division of Mapping.

Future: 110 1# \$a Fairfax County \$g Va. \$b Division of Mapping

Current: 110 1# \$a United States. \$b President (1981-1989 : Reagan)

Future: 110 1# \$a United States \$b President \$g 1981-1989 \$g Reagan

Current: 110 2# \$a National Gardening Association (U.S.)

Future: 110 2# \$a National Gardening Association \$g U.S.

Current: 110 2# \$a PRONAPADE (Firm)

Future: 110 2# \$a PRONAPADE \$g Firm

Current: 110 2# \$a Scientific Society of San Antonio (1892-1894)

Future: 110 2# \$a Scientific Society of San Antonio \$g 1892-1894

Current: 110 2# \$a St. James Church (Bronx, New York, N.Y.)

Future: 110 2# \$a St. James Church \$g Bronx, New York, N.Y.

Current: 110 2# \$a Democratic Party (Tex.). \$b State Convention \$d (1857 : \$c Waco, Tex.)

Future: 110 2# \$a Democratic Party \$g Tex. \$b State Convention \$d 1857 \$c Waco, Tex.

5.4 – Meeting Names (Name Portion of Bibliographic Fields 111, 611, 711, 811 and Authority Fields 111, 411, 511, 711)

MARC Element	Punctuation to be Eliminated
\$a – Meeting name or jurisdiction name as entry element (NR) [<i>no change</i>]	N/A
\$c – Location of meeting (NR) [<i>no change</i>]	Enclosing parentheses (()) or preceding space-colon-space (:)

\$d – Date of meeting (NR) [<i>no change</i>]	Enclosing parentheses (()) or preceding space-colon-space (:)
\$e – Subordinate unit (R) [<i>no change</i>]	Preceding period-space (.)
\$g – Qualifying information (R) [<i>change of definition and repeatability</i>]	Enclosing parenthesis (())
\$j – Relator term (R) [<i>no change</i>]	Preceding comma-space (,)
\$n – Number of meeting (R) [<i>no change</i>]	Enclosing parentheses (())
\$q – Name of meeting following jurisdiction name entry element (NR) [<i>no change</i>]	Preceding period-space (.)
\$u – Affiliation (NR) [<i>no change</i>]	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bdx11.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags700.pdf (see field 711)

UNIMARC – <http://archive.ifa.org/VI/3/p1996-1/uni7.htm#710>

Examples

Current: 111 2# \$a Brussels Hemoglobin Symposium \$n (1st : \$d 1983)

Future: 111 2# \$a Brussels Hemoglobin Symposium \$n 1st \$d 1983

Current: 111 2# \$a Governor's Conference on Aging (N.Y.) \$d (1982 : \$c Albany, N.Y.)

Future: 111 2# \$a Governor's Conference on Aging \$g N.Y. \$d 1982 \$c Albany, N.Y.

Current: 711 2# \$a Theatertreffen Berlin (Festival)

Future: 711 2# \$a Theatertreffen Berlin \$g Festival

Current: 111 2# \$a Military History Symposium (U.S.) \$n (9th : \$d 1980 : \$c United States Air Force Academy)

Future: 111 2# \$a Military History Symposium \$g U.S. \$n 9th \$d 1980 \$c United States Air Force Academy

Current: 711 2# \$a Olympic Games \$n (21st : \$d 1976 : \$c Montréal, Québec). \$e Organizing Committee. \$e Arts and Culture Program. \$e Visual Arts Section.

Future: 711 2# \$a Olympic Games \$n 21st \$d 1976 \$c Montréal, Québec \$e Organizing Committee \$e Arts and Culture Program \$e Visual Arts Section

5.5 – Uniform Titles (Title Portion of Bibliographic Fields 600, 610, 611, 700, 710, 711, 800, 810, 811, Bibliographic Fields 130, 240, 243, 630, 730, 830, and Corresponding 1xx, 4xx, 5xx, 7xx Authority Fields)

MARC Element	Punctuation to be Eliminated
\$a – Uniform title (NR) (130, 240, 243, 630, 730, and 830 only) [<i>no change</i>]	N/A
\$b – Qualifying information (R) [<i>new</i>]	Enclosing parentheses (()) and preceding space-colon-space (:) in the case of multiple qualifiers

\$d – Date of treaty signing (R) (240, 243, 610, 611, 710, 711, 730, 810, 811, and 830 only) [no change]	Enclosing parentheses (()) or preceding comma-space (,)
\$e – Relator term (R) (630 only) [no change]	Preceding comma-space (,)
\$f – Date of a work (NR) [no change]	Preceding period-space (.)
\$g – Miscellaneous information (NR) [no change]	Preceding period-space (.)
\$h – Medium (NR) [no change]	Preceding period-space (.)
\$i – Relationship information (R) (730 only) [no change]	N/A
\$j – Numeric designation of a musical work (R) [new]	Preceding comma-space (,)
\$k – Form subheading (R) [no change]	Preceding period-space (.)
\$l – Language of a work (NR) [no change]	Preceding period-space (.)
\$m – Medium of performance for music (R) [no change]	Preceding comma-space (,)
\$n – Number of part/section of a work (R) [change of definition]	Preceding period-space (.)
\$o – Arranged statement for music (NR) [no change]	Preceding semicolon-space (;)
\$p – Name of part/section of a work (R) [no change]	Preceding comma-space (,) or period-space (.)
\$r – Key for music (NR) [no change]	Preceding comma-space (,)
\$s – Version (NR) [no change]	Enclosing parentheses (()) or preceding period-space (.)
\$t – Uniform title or title of a work (NR) [no change]	Preceding period-space (.)
\$v – Volume/sequential designation (NR) (800, 810, 811, and 830 only) [no change]	Preceding space-semicolon-space (;)
\$x – International Standard Serial Number (NR) (730, 800, 810, 811, and 830 only) [no change]	N/A

Both UKMARC and UNIMARC provide for one or more subfields for numeric designations identifying musical works. MARC 21 uses \$n, but \$n is also used to designate a numbered part or section of a work. The two functions are different and require different punctuation. A sequence of subfields like 100 \$a \$t \$n may require a comma or period to precede the text in \$n. A program cannot readily tell the difference between the two so that a different subfield is required. Numeric designations identify musical works are normally appended to the end of the titles they represent and are preceded by a comma.

There are no available letters of the alphabet available that would not duplicate use in the name portion of an access point, so making use of the precedent of two definitions depending on whether the subfield occurs in the name or title portion of an access point, the group recommends use of \$j for numeric designations to identify musical works.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bdheading.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags700.pdf (see fields 700-740)

UNIMARC – <http://archive.ifa.org/VI/3/p1996-1/uni5.htm#500>

Examples

Current: 700 12 \$a Freud, Sigmund, \$d 1856-1939. \$t Works. \$k Selections. \$f 1978.

Future: 700 12 \$a Freud \$h Sigmund \$d 1856-1939 \$t Works \$k Selections \$f 1978

Current: 700 12 \$a Shakespeare, William, \$d 1564-1616. \$t Works. \$k Selections. \$l German.

Future: 700 12 \$a Shakespeare \$h William \$d 1564-1616 \$t Works \$k Selections \$l German

Current: 700 1# \$a Beethoven, Ludwig van, \$d 1770-1827. \$t Sonatas, \$m piano. \$k Selections.

Future: 700 1# \$a Beethoven \$h Ludwig van \$d 1770-1827 \$t Sonatas \$m piano \$k Selections

Current: 700 1# \$a Tolkien, J. R. R. \$q (John Roland Reuel), \$d 1892-1973. \$t Lord of the rings. \$n 2, \$p Two towers.

Future: 700 1# \$a Tolkien \$h J. R. R. \$q John Roland Reuel \$d 1892-1973 \$t Lord of the rings \$n 2 \$p Two towers

Current: 700 12 \$a Debussy, Claude, \$d 1862-1918. \$t Preludes, \$m piano, \$n book 1. \$p Collines d'Anacapri.

Future: 700 12 \$a Debussy \$h Claude \$d 1862-1918 \$t Preludes \$m piano \$j book 1 \$p Collines d'Anacapri

Current: 700 12 \$a Beethoven, Ludwig van, \$d 1770-1827. \$t Sonatas, \$m piano, \$n no. 13, op. 27, no. 1, \$r E major.

Future: 700 12 \$a Beethoven \$h Ludwig van \$d 1770-1827 \$t Sonatas \$m piano \$j no. 13, op. 27, no. 1 \$r E major

Current: 710 1# \$a Ecuador. \$t Plan Nacional de Desarrollo, 1980-1984. \$n Parte 1, \$p Grandes objetivos nacionales. \$l English.

Future: 710 1# \$a Ecuador \$t Plan Nacional de Desarrollo, 1980-1984 \$n Parte 1 \$p Grandes objetivos nacionales \$l English

Current: 130 0# \$a Statistical bulletin (Bamako, Mali). \$p Supplement.

Future: 130 0# \$a Statistical bulletin \$b Bamako, Mali \$p Supplement

Current: 130 0# \$a San Francisco journal (1980)

Future: 130 0# \$a San Francisco journal \$b 1980

Current: 130 0# \$a Dialogue (Montreal, Quebec : 1962). \$l English.

Future: 130 0# \$a Dialogue \$b Montreal, Quebec \$b 1962 \$l English

5.6 – Subjects (Subdivision Portions of Bibliographic Fields 600, 610, 611, 630, Bibliographic Fields 648, 650, 651, and Corresponding 1xx, 4xx, 5xx, 7xx Authority Fields)

MARC Element	Punctuation to be Eliminated
--------------	------------------------------

\$a – Chronological term (NR) (648 only) [no change]	N/A
\$a – Topical term or geographic name entry element (NR) (650 only) [no change]	N/A
\$a – Geographic name (NR) (651 only) [no change]	N/A
\$b – Topical term following geographic name entry element (NR) (650 only) [no change]	Preceding period-space (.)
\$c – Location of event (NR) (650 only) [no change]	Preceding comma-space (,)
\$d – Active dates (NR) (650 only) [no change]	Preceding comma-space (,)
\$e – Relator term (R) (650 and 651 only) [no change]	Preceding comma-space (,)
\$g – Qualifying information (R) [new]	Enclosing parentheses (()) or preceding space-colon-space (:) in the case of multiple qualifiers
\$h – Inverted text (R) [new]	Preceding comma-space (,)
\$j – Remaining text (R) (650 only) [new]	Preceding comma-space (,)
\$v – Form subdivision (R) [no change]	N/A
\$x – General subdivision (R) [no change]	N/A
\$y – Chronological subdivision (R) [no change]	N/A
\$z – Geographic subdivision (R) [no change]	N/A

There is currently no routine use of the existing \$c and \$d subfields. That practice needs to change.

For both inverted and qualified subject access points, there is the possibility of additional text beyond the inverted or qualifier portion, e.g., “in art” in the access points “Animals, Mythical, in art” or “Absurd (Philosophy) in art.” This appears to be limited to topical subject access points. If the inverted and qualified portions of a topical subject access point are coded, another subfield would be needed to contain the additional text following the inverted or qualified portion of the access point.

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd6xx.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags600.pdf

UNIMARC – <http://archive.ifa.org/vi/3/p1996-1/uni6.htm>

Examples

Current: 650 #0 \$a Animals, Mythical, in art.

Future: 650 #0 \$a Animals \$h Mythical \$j in art

Current: 650 #0 \$a Associations, institutions, etc., Foreign.

Future: 650 #0 \$a Associations, institutions, etc. \$h Foreign

Current: 650 #0 \$a Canons, Cathedral, collegiate, etc.

Future: 650 #0 \$a Canons \$h Cathedral, collegiate, etc.

Current: 650 #0 \$a Equilibrium (Economics)

Future: 650 #0 \$a Equilibrium \$g Economics

Current: 650 #0 \$a Fredericksburg, Battle of, Fredericksburg, Va., 1862.

Future: 650 #0 \$a Fredericksburg \$h Battle of \$c Fredericksburg, Va. \$d 1862

Current: 650 #0 \$a San Francisco Earthquake and Fire, Calif., 1906.

Future: 650 #0 \$a San Francisco Earthquake and Fire \$c Calif. \$d 1906

Current: 650 #0 \$a Korean War, 1950-1953 \$x Participation, American.

Future: 650 #0 \$a Korean War \$d 1950-1953 \$x Participation \$h American

5.7 – Index Terms (Bibliographic Fields 655, 656, 657, 658 and Corresponding 1xx, 4xx, 5xx, 7xx Authority Fields)

MARC Element	Punctuation to be Eliminated
\$a – Genre/form data or focus term (NR) (655 only) [no change]	N/A
\$a – Occupation (NR) (656 only) [no change]	N/A
\$a – Function (NR) (657 only) [no change]	N/A
\$a – Main curriculum objective (NR) (658 only) [no change]	N/A
\$b – Non-focus term (R) (655 only) [no change]	N/A
\$b – Subordinate curriculum objective (R) (658 only) [no change]	N/A
\$c – Facet/hierarchy designation (R) (655 only) [no change]	N/A
\$c – Curriculum code (NR) (658 only) [no change]	N/A
\$d – Correlation factor (NR) (658 only) [no change]	N/A
\$g – Qualifying information (R) [new]	Enclosing parentheses (()) or preceding space-colon-space (:) in the case of multiple qualifiers
\$h – Inverted text (R) [new]	Preceding comma-space (,)
\$k – Form (NR) (656 only) [no change]	N/A
\$v – Form subdivision (R) [no change]	N/A
\$x – General subdivision (R) [no change]	N/A
\$y – Chronological subdivision (R) [no change]	N/A
\$z – Geographic subdivision (R) [no change]	N/A

MARC 21 – <http://www.loc.gov/marc/bibliographic/bd6xx.html>

UKMARC – http://www.bl.uk/bibliographic/ukmarcmanual/ukmarc_tags600.pdf

UNIMARC – <http://archive.ifla.org/VI/3/p1996-1/uni6.htm>

Examples

Current: 655 #7 \$a Fantasy comedies (Motion pictures) \$2 lcgft

Future: 655 #7 \$a Fantasy comedies \$g Motion pictures \$2 lcgft

Current: 655 #7 \$a Historical films and video (Nonfiction) \$2 mim

Future: 655 #7 \$a Historical films and video \$g Nonfiction \$2 mim

Current: 655 #7 \$a Signing patterns (Printing) \$z Germany \$y 18th century. \$2 rbpri

Future: 655 #7 \$a Signing patterns \$g Printing \$z Germany \$y 18th century \$2 rbpri

Current: 656 #7 \$a Plastic surgeons \$z Los Angeles (Calif.) \$2 <thesaurus code>

Future: 656 #7 \$a Plastic surgeons \$z Los Angeles \$g Calif. \$2 <thesaurus code>

Current: 655 #4 \$a Historical fiction, Japanese.

Future: 655 #4 \$a Historical fiction \$h Japanese

Current: 655 #7 \$a Poems, English \$y 19th century. \$2 rbgenr

Future: 655 #7 \$a Poems \$h English \$y 19th century \$2 rbgenr

Appendix A – Fields Which Require No Punctuation and Coding Changes

A.1 – Bibliographic Fields

All non-local fields in the MARC 21 bibliographic format were examined including those common to both the MARC 21 bibliographic and holdings formats. The following fields appear to require *no change* to coding or punctuation practice other than removal of terminal periods in a few cases as outlined in Section 2.

- 010** – Library of Congress Control Number
- 013** – Patent Control Information
- 016** – National Bibliographic Agency Control Number
- 017** – Copyright or Legal Deposit Number
- 018** – Copyright Article-Fee Code
- 022** – International Standard Serial Number
- 025** – Overseas Acquisition Number
- 026** – Fingerprint Identifier
- 027** – Standard Technical Report Number
- 028** – Publisher Number
- 030** – CODEN Designation
- 031** – Musical Incipits Information
- 032** – Postal Registration Number
- 033** – Date/Time and Place of an Event
- 034** – Coded Cartographic Mathematical Data
- 035** – System Control Number
- 036** – Original Study Number for Computer Data Files
- 037** – Source of Acquisition
- 038** – Record Content Licensor
- 040** – Cataloging Source
- 041** – Language Code
- 042** – Authentication Code
- 043** – Geographic Area Code
- 044** – Country of Publishing/Producing Entity Code
- 045** – Time Period of Content
- 046** – Special Coded Dates
- 047** – Form of Musical Composition Code
- 048** – Number of Musical Instruments or Voices Codes
- 050** – Library of Congress Call Number
- 051** – Library of Congress Copy, Issue, Offprint Statement
- 052** – Geographic Classification
- 055** – Classification Numbers Assigned in Canada
- 060** – National Library of Medicine Call Number
- 061** – National Library of Medicine Copy Statement
- 066** – Character Sets Present
- 070** – National Agricultural Library Call Number
- 071** – National Agricultural Library Copy Statement

072 – Subject Category Code
074 – GPO Item Number
080 – Universal Decimal Classification Number
082 – Dewey Decimal Classification Number
083 – Additional Dewey Decimal Classification Number
084 – Other Classification Number
085 – Synthesized Classification Number Components
086 – Government Document Classification Number
088 – Report Number
256 – Computer File Characteristics (*see note below*)
257 – Country of Producing Entity
263 – Projected Publication Date
270 – Address
306 – Playing Time
336 – Content Type
337 – Media Type
338 – Carrier Type
340 – Physical Medium
342 – Geospatial Reference Data
344 – Sound Characteristics
345 – Projection Characteristics of Moving Image
346 – Video Characteristics
347 – Digital File Characteristics
348 – Format of Notated Music
355 – Security Classification Control
357 – Originator Dissemination Control
363 – Normalized Date and Sequential Designation
365 – Trade Price
366 – Trade Availability Information
370 – Associated Place
377 – Associated Language
380 – Form of Work
381 – Other Distinguishing Characteristics of Work or Expression
382 – Medium of Performance
383 – Numeric Designation of Musical Work
384 – Key
385 – Audience Characteristics
386 – Creator/Contributor Characteristics
388 – Time Period of Creation
514 – Data Quality Note
516 – Type of Computer File or Data Note
518 – Date/Time and Place of an Event Note
521 – Target Audience Note
522 – Geographic Coverage Note
524 – Preferred Citation of Described Materials Note
536 – Funding Information Note
542 – Information Relating to Copyright Status
545 – Biographical or Historical Data

552 – Entity and Attribute Information Note
556 – Information About Documentation Note
561 – Ownership and Custodial History
563 – Binding Information
567 – Methodology Note
581 – Publications About Described Materials Note
583 – Action Note
585 – Exhibitions Note
586 – Awards Note
588 – Source of Description Note
653 – Index Term—Uncontrolled
654 – Subject Added Entry—Faceted Topical Terms
662 – Subject Added Entry—Hierarchical Place Name
720 – Added Entry—Uncontrolled Name
751 – Added Entry—Geographic Name
752 – Added Entry—Hierarchical Place Name
753 – System Details Access to Computer Files
754 – Added Entry—Taxonomic Identification
841 – Holdings Coded Data Values
842 – Textual Physical Form Designator
843 – Reproduction Note
844 – Name of Unit
845 – Terms Governing Use and Reproduction
850 – Holding Institution
852 – Location
853 – Captions and Pattern—Basic Bibliographic Unit
854 – Captions and Pattern—Supplementary Material
855 – Captions and Pattern—Indexes
856 – Electronic Location and Access
863 – Enumeration and Chronology—Basic Bibliographic Unit
864 – Enumeration and Chronology—Supplementary Material
865 – Enumeration and Chronology—Indexes
866 – Textual Holdings—Basic Bibliographic Unit
867 – Textual Holdings—Supplementary Material
868 – Textual Holdings—Indexes
876 – Item Information—Basic Bibliographic Unit
877 – Item Information—Supplementary Material
878 – Item Information—Indexes
882 – Replacement Record Information
883 – Machine-generated Metadata Provenance
884 – Description Conversion Information
886 – Foreign MARC Information Field
887 – Non-MARC Information Field

Field 256 – Computer file characteristics is an element that is no longer used in ISBD area 3. MARC 21 and UKMARC currently handle coding via a single subfield. As an element that is no longer used, no recommendations regarding coding or the elimination of punctuation are included in this report.

A.2 – Authority Fields

All non-local fields in the MARC 21 authority format were examined. The following fields appear to require *no change* to coding or punctuation practice other than removal of terminal periods in a few cases as outlined in Section 2.

- 010** – Library of Congress Control Number
- 014** – Link to Bibliographic Record for Serial or Multipart Item
- 016** – National Bibliographic Agency Control Number
- 022** – International Standard Serial Number
- 031** – Musical Incipits Information
- 034** – Coded Cartographic Mathematical Data
- 035** – System Control Number
- 040** – Cataloging Source
- 042** – Authentication Code
- 043** – Geographic Area Code
- 045** – Time Period of Heading
- 046** – Special Coded Dates
- 050** – Library of Congress Call Number
- 052** – Geographic Classification
- 053** – LC Classification Number
- 055** – Library and Archives Canada Call Number
- 060** – National Library of Medicine Call Number
- 065** – Other Classification Number
- 066** – Character Sets Present
- 070** – National Agricultural Library Call Number
- 072** – Subject Category Code
- 073** – Subdivision Usage
- 080** – Universal Decimal Classification Number
- 082** – Dewey Decimal Call Number
- 083** – Dewey Decimal Classification Number
- 086** – Government Document Call Number
- 087** – Government Document Classification Number
- 162** – Heading—Medium of Performance Term
- 260** – Complex See Reference—Subject
- 336** – Content Type
- 348** – Format of Notated Music
- 360** – Complex See Also Reference—Subject
- 368** – Other Attributes of Person or Corporate Body
- 370** – Associated Place
- 371** – Address
- 372** – Field of Activity
- 373** – Associated Group
- 374** – Occupation
- 375** – Gender
- 376** – Family Information
- 377** – Associated Language
- 378** – Fuller Form of Personal Name

380 – Form of Work
381 – Other Distinguishing Characteristics of Work or Expression
382 – Medium of Performance
383 – Numeric Designation of Musical Work
384 – Key
385 – Audience Characteristics
386 – Creator/Contributor Characteristics
388 – Time Period of Creation
462 – See From Tracing—Medium of Performance Term
562 – See Also From Tracing—Medium of Performance Term
640 – Series Dates of Publication and/or Sequential Designation
641 – Series Numbering Peculiarities
642 – Series Numbering Example
643 – Series Place and Publisher/Issuing Body
644 – Series Analysis Practice
645 – Series Tracing Practice
646 – Series Classification Practice
663 – Complex See Also Reference—Name
664 – Complex See Reference—Name
665 – History Reference
666 – General Explanatory Reference—Name
667 – Nonpublic General Note
670 – Source Data Found
672 – Title Related to the Entity
673 – Title Note Related to the Entity
675 – Source Data Not Found
678 – Biographical or Historical Data
680 – Public General Note
681 – Subject Example Tracing Note
682 – Deleted Heading Information
688 – Application History Note
762 – Established Heading Linking Entry—Medium of Performance Term
788 – Complex Linking Entry Data
856 – Electronic Location and Access
880 – Alternate Graphic Representation
883 – Machine-generated Metadata Provenance
884 – Description Conversion Information

Appendix B – Summary of Recommended MARC Coding Changes for Bibliographic Records

Leader/18 code n – Non-ISBD punctuation omitted [*new*]

100, 600, 700, 800 \$a – Personal name or personal name entry element (NR) [*change of definition*]

100, 600, 700, 800 \$c – Titles and words associated with a name (R) [*change of definition*]

100, 600, 700, 800 \$g – Qualifying information (R) [*change of definition and repeatability*]

100, 600, 700, 800 \$h – Medium/Inverted portion of name (R) [*expansion of definition and change of repeatability*]

110, 111, 610, 611, 710, 711, 810, 811 \$g – Qualifying information (R) [*change of definition and repeatability*]

130, 240, 243, 600, 610, 611, 630, 700, 710, 711, 730, 800, 810, 811, 830 \$b – Qualifying information (R) [*expansion of definition or new*]

130, 240, 243, 600, 610, 611, 630, 700, 710, 711, 730, 800, 810, 811, 830 \$j – Numeric designation of a musical work (R) [*new*]

130, 240, 243, 600, 610, 611, 630, 700, 710, 711, 730, 800, 810, 811, 830 \$n – Number of part/section of a work (R) [*change of definition*]

210, 222 \$b – Qualifying information (R) [*change of repeatability*]

245, 242 \$a – Title proper or subsequent title by the same author (R) [*change of definition and repeatability*]

245, 242, 246, 247 \$b – Other title information (R) [*change of definition and repeatability*]

245, 242 \$c – Statement of responsibility (R) [*change of definition and repeatability*]

245 \$d – Subsequent statement of responsibility (R) [*new*]

245, 242 \$e – Subsequent title by a different author (R) [*new*]

245, 242, 246, 247 \$o – Conjunction connecting titles (R) [*new*]

245, 242, 246, 247 \$q – Alternative title (R) [*new*]

245, 246, 247 \$r – Parallel title (R) [*new*]

245, 246, 247 \$t – Other parallel data (R) [*new*]

250 \$b – Remainder of edition statement (NR) [*change to obsolete*]

250 \$c – Statement of responsibility (R) [*new*]

250 \$d – Subsequent statement of responsibility (R) [*new*]

250 \$r – Parallel edition statement (R) [*new*]

250 \$t – Other parallel data (R) [*new*]

254 \$r – Parallel musical presentation statement (R) [*new*]

255 \$s – Equivalent scale statement (R) [*new*]

255 \$v – Vertical scale statement (R) [*new*]

260 \$q – Address associated with place of publication, distribution, etc. (R) [*new*]

260 \$r – Parallel place of publication, distribution, etc. (R) [*new*]

260 \$t – Other parallel data (R) [*new*]

264 \$q – Address associated with place of publication, distribution, etc. (R) [*new*]

264 \$r – Parallel place of publication, distribution, etc. (R) [*new*]

264 \$t – Other parallel data (R) [*new*]

300 \$e – Accompanying material (R) [*change of repeatability*]

300 \$h – Extent of accompanying material (R) [*new*]

300 \$i – Other physical details of accompanying material (R) [*new*]

300 \$j – Dimensions of accompanying material (R) [*new*]

310, 321 \$n – Qualifying information (NR) [*new*]

362 \$a – Text of note (NR) [*change of definition*]
362 \$b – Beginning date/sequential designation of issues or parts (R) [*new*]
362 \$c – Ending date/sequential designation of issues or parts (R) [*new*]
362 \$d – Dates associated with a sequential designation of issues or parts (R) [*new*]
362 \$e – Alternative beginning date/sequential designation of issues or parts (R) [*new*]
362 \$f – Alternative ending date/sequential designation of issues or parts (R) [*new*]
362 \$i – Display text (NR) [*new*]
490 \$a – Title proper of series (NR) [*change of definition and repeatability*]
490 \$b – Other title information of series (R) [*new*]
490 \$c – Statement of responsibility of series (R) [*new*]
490 \$d – Subsequent statement of responsibility of series (R) [*new*]
490 \$n – Number of part/section of series (R) [*new*]
490 \$p – Name of part/section of series (R) [*new*]
490 \$r – Parallel title of series (R) [*new*]
490 \$t – Other parallel data (R) [*new*]
490 \$y – Alternative numbering system (R) [*new*]
500, 501, 504, 505, 538, 547, 550, 580, 588 \$i – Display text (NR) [*new; change of definition for 538*]
500, 515, 520, 525 \$z – Source (NR) [*new*]
505 \$g – Miscellaneous information (R) [*change of definition*]
505 \$n – Designation of a part (R) [*new*]
508 \$a – Creation/production credits note (R) [*change of repeatability*]
511 \$a – Participant or performer note (R) [*change of repeatability*]
580 \$a – Linking entry complexity note (R) [*change of repeatability*]
600, 610, 611, 630, 648, 650, 651, 655, 656, 657, 658 \$g – Qualifying information (R) [*new*]
600, 610, 611, 630, 648, 650, 651, 655, 656, 657, 658 \$h – Inverted text (R) [*new*]
650 \$j – Remaining text (R) (*650 only*) [*new*]
760, 762, 765, 767, 770, 772, 773, 774, 775, 776, 777, 780, 785, 786, 787 \$j – Linking data (R) [*new*]

Authority format coding changes are limited to those which correspond to the proposed changes in bibliographic format access point fields listed above. That includes x00, x10, x11, x30, x48, x50, x51, x55, x80, x81, x82, and x85 in the 1xx, 4xx, 5xx, and 7xx ranges of tags in the authority format.

Appendix C – Whole Record Examples

The following examples were drawn from the Library of Congress online catalog. They exclude fields 003 and 005 as well as other local processing fields. Displays labeled as current practice show punctuation as currently input into each record. The corresponding displays labeled as future practice show how those same records would appear if the punctuation was removed and the coding proposed in Sections 4 and 5 used.

These examples include a book, a computer file, a continuing resource, a map, a score, a sound recording, and a videorecording, all cataloged according to AACR2. Those examples are followed by two additional book records, one cataloged according to earlier rules and the other according to RDA.

C.1a – Book – Current Practice

000 02706cam a2200433 a 450

001 14804938

008 070411s2007 ncuab b 001 0beng

010 ## \$a 2007014204

020 ## \$a 9781565124554 (hardcover)

020 ## \$a 1565124553 (hardcover)

020 ## \$a 9781565126152 (pbk.)

020 ## \$a 1565126157 (pbk.)

040 ## \$a DLC **\$c** DLC

043 ## \$a n-us-ky

050 00 \$a F454.B66 **\$b** M67 2007

082 00 \$a 976.9/02092 **\$a** B **\$2** 22

100 1# \$a Morgan, Robert, **\$d** 1944-

245 10 \$a Boone : **\$b** a biography / **\$c** by Robert Morgan.

250 ## \$a 1st ed.

260 ## \$a Chapel Hill, N.C. : **\$b** Algonquin Books of Chapel Hill, **\$c** 2007.

300 ## \$a xx, 538 p. : **\$b** ill., maps ; **\$c** 24 cm.

500 ## \$a "A Shannon Ravenel book."

500 ## \$a Genealogical table on lining papers.

504 ## \$a Includes bibliographical references (p. [501]-514) and index.

520 ## \$a This sweeping biography is the story of early America--its ideals, its promise, its romance, and its destiny. Novelist Morgan transforms a mythic American hero--a legend in his own time--into a flesh-and-blood man, the man who was the largest spirit of his time. Hunter, explorer, settler, visionary, he was a trailblazer and a revolutionary--an American icon for more than two hundred years. Born in 1734, Boone served in the Virginia legislature, participated in the settling of the Middle West, fought in the French and Indian War and the Revolutionary War, and saw the election of his friend as the first president of the United States, the Louisiana Purchase, and the beginning of the Westward Expansion. Unlike many others of his time, he had a deep respect for the Indians, who taught him how to hunt, navigate, and survive in the wilderness he came to revere.--From publisher description.

600 10 \$a Boone, Daniel, **\$d** 1734-1820.

650 #0 \$a Pioneers **\$z** Kentucky **\$v** Biography.

650 #0 \$a Explorers **\$z** Kentucky **\$v** Biography.

650 #0 \$a Frontier and pioneer life **\$z** Kentucky.

651 #0 \$a Kentucky \$v Biography.
 651 #0 \$a Kentucky \$x Discovery and exploration.
 856 41 \$3 Table of contents only \$u <http://www.loc.gov/catdir/toc/ecip0715/2007014204.html>
 856 42 \$3 Publisher description \$u <http://www.loc.gov/catdir/enhancements/fy0826/2007014204-d.html>

C.1b – Book – Future Practice

000 02706cam a2200433 c 450
 001 14804938
 008 070411s2007 ncuab b 001 0beng
 010 ## \$a 2007014204
 020 ## \$a 9781565124554 \$q hardcover
 020 ## \$a 1565124553 \$q hardcover
 020 ## \$a 9781565126152 \$q pbk.
 020 ## \$a 1565126157 \$q pbk.
 040 ## \$a DLC \$e aacr/2 \$c DLC
 043 ## \$a n-us-ky
 050 00 \$a F454.B66 \$b M67 2007
 082 00 \$a 976.9/02092 \$a B \$2 22
 100 1# \$a Morgan \$h Robert \$d 1944-
 245 10 \$a Boone \$b a biography \$c by Robert Morgan
 250 ## \$a 1st ed.
 260 ## \$a Chapel Hill, N.C. \$b Algonquin Books of Chapel Hill \$c 2007
 300 ## \$a xx, 538 p. \$b ill., maps \$c 24 cm
 500 ## \$a "A Shannon Ravenel book"
 500 ## \$a Genealogical table on lining papers
 504 ## \$a Includes bibliographical references (p. [501]-514) and index
 520 ## \$a This sweeping biography is the story of early America--its ideals, its promise, its romance, and its destiny. Novelist Morgan transforms a mythic American hero--a legend in his own time--into a flesh-and-blood man, the man who was the largest spirit of his time. Hunter, explorer, settler, visionary, he was a trailblazer and a revolutionary--an American icon for more than two hundred years. Born in 1734, Boone served in the Virginia legislature, participated in the settling of the Middle West, fought in the French and Indian War and the Revolutionary War, and saw the election of his friend as the first president of the United States, the Louisiana Purchase, and the beginning of the Westward Expansion. Unlike many others of his time, he had a deep respect for the Indians, who taught him how to hunt, navigate, and survive in the wilderness he came to revere. \$z From publisher description
 600 10 \$a Boone \$h Daniel \$d 1734-1820
 650 #0 \$a Pioneers \$z Kentucky \$v Biography
 650 #0 \$a Explorers \$z Kentucky \$v Biography
 650 #0 \$a Frontier and pioneer life \$z Kentucky
 651 #0 \$a Kentucky \$v Biography
 651 #0 \$a Kentucky \$x Discovery and exploration
 856 41 \$3 Table of contents only \$u <http://www.loc.gov/catdir/toc/ecip0715/2007014204.html>
 856 42 \$3 Publisher description \$u <http://www.loc.gov/catdir/enhancements/fy0826/2007014204-d.html>

C.2a – Computer File – Current Practice

000 02244cmm a22003254a 450

001 13960624

007 co |||||

008 050510s2005 nyu m eng

010 ## \$a 2005566975

020 ## \$a 032118694X

040 ## \$a DLC \$c DLC

042 ## \$a pcc

043 ## \$a n-us---

050 00 \$a E178.5

082 10 \$a 973 \$2 14

245 00 \$a Visual archives of American history \$h [electronic resource].

250 ## \$a Updated 2nd ed.

260 ## \$a New York, NY : \$b Pearson Education Inc., \$c c2005.

300 ## \$a 2 CD-ROMs : \$b sd., col. ; \$c 4 3/4 in. + \$e 1 manual (18 p. ; 23 cm.)

538 ## \$a System requirements for Windows: Pentium-based IBM-PC or compatible; 128MB RAM; Windows 2000/XP; QuickTime 6.5 or higher; 8X CD-ROM drive; 800 x 600 resolution with 16-bit color.

538 ## \$a System requirements for Macintosh: Power Macintosh G3 or higher; 64MB RAM; MacOS 9.2 or higher; QuickTime 6.5 or higher; 8X CD-ROM drive; 800 x 600 resolution with thousands of colors.

500 ## \$a Title from disc label.

520 ## \$a "Consists of two CD-ROMs full of hundreds of images, [maps] and video clips ready for classroom presentation."

505 2# \$a disc 1, pt. 1. Ancient America to European Settlement. pt. 2. The American Revolution. pt. 3. Post-Revolutionary America. pt. 4. Nation-Building and Expansionism. pt. 5. Looming Secession and the Abolition Struggle. pt. 6. The Civil War. pt. 7. Reconstruction and the Post-War West. pt. 8. Industrialism and the American Golden Age -- disc 2, pt. 1. Progressivism, Immigration, and Suffrage. pt. 2. World War I and the Roaring Twenties. pt. 3. The Great Depression and Roosevelt. pt. 4. World War II. pt. 5. The Cold War and Modern America. pt. 6. Civil Rights, The Great Society, and Southeast Asia. pt. 7. A President Disgrace; A Crisis in Confidence. pt. 8. The Next American Millenium.

651 #0 \$a United States \$x History \$v Pictorial works.

651 #0 \$a United States \$x History \$x Sources.

C.2b – Computer File – Future Practice

000 02244cmm a22003254c 450

001 13960624

007 co |||||

008 050510s2005 nyu m eng

010 ## \$a 2005566975

020 ## \$a 032118694X

040 ## \$a DLC \$e aacr/2 \$c DLC

042 ## \$a pcc

043 ## \$a n-us---

050 00 \$a E178.5

082 10 \$a 973 \$2 14

245 00 \$a Visual archives of American history **\$h** electronic resource
250 ## \$a Updated 2nd ed.
260 ## \$a New York, NY **\$b** Pearson Education Inc. **\$c** c2005
300 ## \$a 2 CD-ROMs **\$b** sd., col. **\$c** 4 3/4 in. **\$e** 1 manual **\$h** 18 p. **\$j** 23 cm
538 8# \$i System requirements for Windows **\$a** Pentium-based IBM-PC or compatible; 128MB RAM; Windows 2000/XP; QuickTime 6.5 or higher; 8X CD-ROM drive; 800 x 600 resolution with 16-bit color.
538 8# \$i System requirements for Macintosh **\$a** Power Macintosh G3 or higher; 64MB RAM; MacOS 9.2 or higher; QuickTime 6.5 or higher; 8X CD-ROM drive; 800 x 600 resolution with thousands of colors
500 ## \$a Title from disc label
520 ## \$a "Consists of two CD-ROMs full of hundreds of images, [maps] and video clips ready for classroom presentation"
505 80 \$i Contents of disc 1 **\$n** pt. 1 **\$t** Ancient America to European Settlement **\$n** pt. 2 **\$t** The American Revolution **\$n** pt. 3 **\$t** Post-Revolutionary America **\$n** pt. 4 **\$t** Nation-Building and Expansionism **\$n** pt. 5 **\$t** Looming Secession and the Abolition Struggle **\$n** pt. 6 **\$t** The Civil War **\$n** pt. 7 **\$t** Reconstruction and the Post-War West **\$n** pt. 8 **\$t** Industrialism and the American Golden Age
505 80 \$i Contents of disc 2 **\$n** pt. 1 **\$t** Progressivism, Immigration, and Suffrage **\$n** pt. 2 **\$t** World War I and the Roaring Twenties **\$n** pt. 3 **\$t** The Great Depression and Roosevelt **\$n** pt. 4 **\$t** World War II **\$n** pt. 5 **\$t** The Cold War and Modern America **\$n** pt. 6 **\$t** Civil Rights, The Great Society, and Southeast Asia **\$n** pt. 7 **\$t** A President Disgrace; A Crisis in Confidence **\$n** pt. 8 **\$t** The Next American Millenium
651 #0 \$a United States **\$x** History **\$v** Pictorial works
651 #0 \$a United States **\$x** History **\$x** Sources

C.3a – Continuing Resource – Current Practice

000 03367cas a2200853 a 450
001 11224253
007 hd bfb---baca
008 760620c19749999dcudr ne 0 a0eng c
010 ## \$a sn 79002172
016 7# \$a 9877133 **\$2** DNLM
016 7# \$a W00800000 **\$2** DNLM
022 0# \$a 0190-8286 **\$I** 0190-8286 **\$2** 1
032 ## \$a 667960 **\$b** USPS
037 ## \$b The Washington Post Co., 1150 15th St., N.W., Washington, D.C. 20071
040 ## \$a PPIU **\$c** PPIU **\$d** NSDP **\$d** DLC
042 ## \$a nsdp **\$a** pcc
043 ## \$a n-us-dc
050 00 \$a Newspaper
050 14 \$a AN151.W31 **\$b** P85
082 10 \$a 071 **\$2** 11
130 0# \$a Washington post (Washington, D.C. : 1974)
210 0# \$a Washington post
222 #4 \$a The Washington post
245 04 \$a The Washington post.
260 ## \$a Washington, D.C. : **\$b** The Washington Post Co., **\$c** 1974-
300 ## \$a v.
310 ## \$a Daily
362 0# \$a 97th year, no. 27 (Jan. 1, 1974)-

530 ## \$a Also available on microform from Bell & Howell, 1974-1978; Research Publications, Inc., 1979-1988; and from UMI, 1989-
580 ## \$a Weekly ed.: Washington post (National weekly ed.), 1983-
588 1# \$a 123rd year, no. 353 (Nov. 22, 2000).
651 #0 \$a Washington (D.C.) **\$v** Newspapers.
752 ## \$a United States **\$b** District of Columbia **\$d** Washington.
775 1# \$t Washington post (National weekly ed.) **\$x** 0740-5421 **\$w** (DLC)sn 83004644 **\$w** (OCoLC)9965758
776 08 \$i Online version: **\$t** Washington post (Washington, D.C. : 1974) **\$w** (DLC) 2004233795 **\$w** (OCoLC)56914684
780 00 \$t Washington post, times herald **\$w** (DLC)sn 84031523 **\$w** (OCoLC)2269359
856 41 \$u <http://www.washingtonpost.com/>

C.3b – Continuing Resource – Future Practice

000 03367cas a2200853 c 450
001 11224253
007 hd bfb---baca
008 760620c19749999dcudr ne 0 a0eng c
010 ## \$a sn 79002172
016 7# \$a 9877133 **\$2** DNLM
016 7# \$a W00800000 **\$2** DNLM
022 0# \$a 0190-8286 **\$l** 0190-8286 **\$2** 1
032 ## \$a 667960 **\$b** USPS
037 ## \$b The Washington Post Co., 1150 15th St., N.W., Washington, D.C. 20071
040 ## \$a PPIU **\$e** aacr/2 **\$c** PPIU **\$d** NSDP **\$d** DLC
042 ## \$a nsdp **\$a** pcc
043 ## \$a n-us-dc
050 00 \$a Newspaper
050 14 \$a AN151.W31 **\$b** P85
082 10 \$a 071 **\$2** 11
130 0# \$a Washington post **\$b** Washington, D.C. **\$b** 1974
210 0# \$a Washington post
222 #4 \$a The Washington post
245 04 \$a The Washington post
260 ## \$a Washington, D.C. **\$b** The Washington Post Co. **\$c** 1974-
300 ## \$a v.
310 ## \$a Daily
362 0# \$b 97th year, no. 27 **\$d** Jan. 1, 1974
530 ## \$a Also available on microform from Bell & Howell, 1974-1978; Research Publications, Inc., 1979-1988; and from UMI, 1989-
580 8# \$i Weekly ed. **\$a** Washington post (National weekly ed.), 1983-
588 1# \$a 123rd year, no. 353 (Nov. 22, 2000)
651 #0 \$a Washington **\$g** D.C. **\$v** Newspapers
752 ## \$a United States **\$b** District of Columbia **\$d** Washington
775 1# \$t Washington post (National weekly ed.) **\$x** 0740-5421 **\$w** (DLC)sn 83004644 **\$w** (OCoLC)9965758

776 08 \$i Online version \$t Washington post (Washington, D.C. : 1974) \$w (DLC) 2004233795 \$w (OCoLC)56914684
 780 00 \$t Washington post, times herald \$w (DLC)sn 84031523 \$w (OCoLC)2269359
 856 41 \$u <http://www.washingtonpost.com/>

C.4a – Map – Current Practice

000 01538cem a2200397 a 450
 001 15759992
 007 ad canzn
 007 co |||||
 008 090602s2008 ilu e 1 eng
 010 ## \$a 2009578106
 020 ## \$a 9780528873614
 020 ## \$a 052887361X
 034 1# \$a a \$b 28800
 040 ## \$a DLC \$c DLC
 050 00 \$a G1528.L6 \$b R317 2008
 052 ## \$a 4363 \$b L6 \$b S23
 082 00 \$a 912.794/93 \$2 22
 110 2# \$a Rand McNally and Company.
 245 10 \$a Los Angeles & San Bernardino counties streetguide.
 246 3# \$a Los Angeles and San Bernardino counties streetguide
 250 ## \$a 3rd ed.
 255 ## \$a Scale [1:28,800]. 1 in. = 2400 ft.
 260 ## \$a [Chicago, IL] : \$b Rand McNally, \$c [c2008]
 300 ## \$a 1 atlas (1 v. (various pagings)) : \$b col. maps ; \$c 22 x 30 cm.
 500 ## \$a Title from cover.
 500 ## \$a "The Thomas Guide."
 500 ## \$a "C[opyright] 2009 Rand McNally & Company."--P. [A] of Los Angeles County street guide.
 500 ## \$a "C[opyright] 2008 Rand McNally & Company."--P. [A] of San Bernardino County street guide.
 500 ## \$a Each county has separate table of contents page.
 500 ## \$a Includes freeway access and airport maps, downtown map, and indexes.
 651 #0 \$a Los Angeles County (Calif.) \$v Maps.
 651 #0 \$a San Bernardino County (Calif.) \$v Maps.

C.4b – Map – Future Practice

000 01538cem a2200397 c 450
 001 15759992
 007 ad canzn
 007 co |||||
 008 090602s2008 ilu e 1 eng
 010 ## \$a 2009578106
 020 ## \$a 9780528873614
 020 ## \$a 052887361X
 034 1# \$a a \$b 28800

040 ## \$a DLC **\$e** aacr/2 **\$c** DLC
050 00 \$a G1528.L6 **\$b** R317 2008
052 ## \$a 4363 **\$b** L6 **\$b** S23
082 00 \$a 912.794/93 **\$2** 22
110 2# \$a Rand McNally and Company
245 10 \$a Los Angeles & San Bernardino counties streetguide
246 3# \$a Los Angeles and San Bernardino counties streetguide
250 ## \$a 3rd ed.
255 ## \$a Scale [1:28,800] **\$s** 1 in. = 2400 ft.
260 ## \$a [Chicago, IL] **\$b** Rand McNally **\$c** [c2008]
300 ## \$a 1 atlas (1 v. (various pagings)) **\$b** col. maps **\$c** 22 x 30 cm
500 ## \$a Title from cover
500 ## \$a "The Thomas Guide"
500 ## \$a "C[opyright] 2009 Rand McNally & Company" **\$z** P. [A] of Los Angeles County street guide
500 ## \$a "C[opyright] 2008 Rand McNally & Company" **\$z** P. [A] of San Bernardino County street guide
500 ## \$a Each county has separate table of contents page
500 ## \$a Includes freeway access and airport maps, downtown map, and indexes
651 #0 \$a Los Angeles County **\$g** Calif. **\$v** Maps
651 #0 \$a San Bernardino County **\$g** Calif. **\$v** Maps

C.5a – Score – Current Practice

000 01192ccm a22002894a 450
001 15995113
008 091124s2006 wiusna | n | zxx
010 ## \$a 2009543722
028 22 \$a AP-2040 **\$b** Alliance Publications
040 ## \$a DLC **\$c** DLC
050 00 \$a M759 **\$b** .B
100 1# \$a Beethoven, Ludwig van, **\$d** 1770-1827.
240 10 \$a Sonatas, **\$m** piano, **\$n** no. 8, op. 13, **\$r** C minor. **\$p** Adagio cantabile; **\$o** arranged.
245 10 \$a Pathetique : **\$b** op. 13 : Cantabile : for clarinet choir / **\$c** Ludwig van Beethoven ; arr. by James D. Thornton.
260 ## \$a Fish Creek, WI : **\$b** Alliance Publications, **\$c** c2006.
300 ## \$a 1 score (9 p.) + 7 parts (2 sets) ; **\$c** 28 cm.
500 ## \$a Originally for piano; arr. for clarinet choir.
500 ## \$a Caption title.
500 ## \$a Duration: 5:00.
500 ## \$a "Gr 3"--Cover.
650 #0 \$a Woodwind septets (Clarinets (7)), Arranged **\$v** Scores and parts.
650 #0 \$a Clarinet choir music, Arranged **\$v** Scores and parts.
700 1# \$a Thornton, James D., **\$d** 1953- **\$4** arr

C.5b – Score – Future Practice

000 01192ccm a22002894c 450
001 15995113

008 091124s2006 wiusna| n | zxx
010 ## \$a 2009543722
028 22 \$a AP-2040 **\$b** Alliance Publications
040 ## \$a DLC **\$e** aacr/2 **\$c** DLC
050 00 \$a M759 **\$b** .B
100 1# \$a Beethoven **\$h** Ludwig van **\$d** 1770-1827
240 10 \$a Sonatas **\$m** piano **\$j** no. 8, op. 13 **\$r** C minor **\$p** Adagio cantabile **\$o** arranged
245 10 \$a Pathetique **\$b** op. 13 **\$b** Cantabile **\$b** for clarinet choir **\$c** Ludwig van Beethoven **\$d** arr. by James D. Thornton
260 ## \$a Fish Creek, WI **\$b** Alliance Publications **\$c** c2006
300 ## \$a 1 score (9 p.) **\$a** 7 parts (2 sets) **\$c** 28 cm
500 ## \$a Originally for piano; arr. for clarinet choir
500 ## \$a Caption title
500 ## \$i Duration **\$a** 5:00
500 ## \$a "Gr 3" **\$z** Cover
650 #0 \$a Woodwind septets **\$g** Clarinets (7) **\$h** Arranged **\$v** Scores and parts
650 #0 \$a Clarinet choir music **\$h** Arranged **\$v** Scores and parts
700 1# \$a Thornton **\$h** James D. **\$d** 1953- **\$4** arr

C.6a – Sound Recording – Current Practice

000 01501cjm a22003013a 450
001 14201416
007 sd fsngnnmmneu
008 051216s2004 tnurcn| z | eng
010 ## \$a 2005588884
024 1# \$a 015095576620
028 02 \$a 5766 **\$b** Compendia Records
040 ## \$a DLC **\$c** DLC
050 00 \$a SDB 30604
245 02 \$a A tribute to the Dave Matthews Band **\$h** [sound recording] / **\$c** Big Roc Collective.
260 ## \$a Nashville, TN : **\$b** Compendia Records, **\$c** p2004.
300 ## \$a 1 sound disc : **\$b** digital ; **\$c** 4 3/4 in.
500 ## \$a Compact disc.
511 0# \$a Big Roc Collective (vocals, Travis Stinson ; drums, Bob Mater ; bass, Mark Fain ; guitar, Johnny Hiland ; banjo, Dave Talbot ; dobro, Randy Kohrs ; fiddle, Luke Bulla ; harmony vocals, Scott Simontacchi ; percussion, Wright Pinson).
500 ## \$a All songs written by Dave Matthews.
500 ## \$a Compact disc.
505 0# \$a So much to say (3:15) -- Too much (4:08) -- Tripping Billies (4:20) -- Where are you going (3:26) -- Gravedigger (4:10) -- What would you say (3:02) -- Grace is gone (3:50) -- Ants marching (4:20) -- Grey street (4:06) -- Typical situation (4:59) -- Crash (4:45) -- Don't drink the water (4:14).
500 ## \$a Brief record.
650 #0 \$a Rock music.

C.6b – Sound Recording – Future Practice

000 01501cjm a22003013c 450
001 14201416
007 sd fsngnnmmneu
008 051216s2004 tnurcn| z | eng
010 ## \$a 2005588884
024 1# \$a 015095576620
028 02 \$a 5766 **\$b** Compendia Records
040 ## \$a DLC **\$e** aacr/2 **\$c** DLC
050 00 \$a SDB 30604
245 02 \$a A tribute to the Dave Matthews Band **\$h** sound recording **\$c** Big Roc Collective
260 ## \$a Nashville, TN **\$b** Compendia Records **\$c** p2004
300 ## \$a 1 sound disc **\$b** digital **\$c** 4 3/4 in.
500 ## \$a Compact disc
511 0# \$a Vocals, Travis Stinson **\$a** drums, Bob Mater **\$a** bass, Mark Fain **\$a** guitar, Johnny Hiland **\$a** banjo, Dave Talbot **\$a** dobro, Randy Kohrs **\$a** fiddle, Luke Bulla **\$a** harmony vocals, Scott Simontacchi **\$a** percussion, Wright Pinson
500 ## \$a All songs written by Dave Matthews
500 ## \$a Compact disc
505 00 \$t So much to say **\$g** 3:15 **\$t** Too much **\$g** 4:08 **\$t** Tripping Billies **\$g** 4:20 **\$t** Where are you going **\$g** 3:26 **\$t** Gravedigger **\$g** 4:10 **\$t** What would you say **\$g** 3:02 **\$t** Grace is gone **\$g** 3:50 **\$t** Ants marching **\$g** 4:20 **\$t** Grey street **\$g** 4:06 **\$t** Typical situation **\$g** 4:59 **\$t** Crash **\$g** 4:45 **\$t** Don't drink the water **\$g** 4:14
500 ## \$a Brief record
650 #0 \$a Rock music

C.7a – Video Recording – Current Practice

000 01545cgm a22003497a 450
001 16139257
007 vd czaizu
008 100316s2009 ii 022 g vlhin
010 ## \$a 2010328182
025 ## \$a I-DVD-2010-328182
037 ## \$b Library of Congress -- New Delhi Overseas Office
040 ## \$a DLC **\$e** amim **\$c** DLC
041 ## \$a hin **\$a** eng
042 ## \$a lcode
043 ## \$a a-cc-ti **\$a** a-ii---
245 00 \$a Enthronement of Gyalwa Lorepa : **\$b** the Drukpa lineage : Hindi news on 1st & 2nd Nov. 2009 / **\$c** by Aaj Tak & News 24.
257 ## \$a India.
260 ## \$a [Darjeeling] : **\$b** Don-rgyud Dpal-Idan 'Grug-pa, **\$c** 2009.
300 ## \$3 viewing copy. **\$a** 1 videodisc of 1 (VCD) (ca. 22 min.) : **\$b** sd., col. ; **\$c** 4 3/4 in.
500 ## \$a Copyright notice not available.
546 ## \$a Hindi and English.
520 ## \$a A brief account of the discovery and enthronement of reincarnated Drukpa lineage lama Gyalwa Lorepa II Jigme Wangchuk and other incidents of reincarnation in Indian community broadcast on national news channel of India on 1st and 2nd Nov. 2009 by Aaj Tak and News 24.

541 ## \$c Purchase.
 600 00 \$a Jigme Wangchuk, \$c Gyalwa Lorepa II, \$d 1998- \$x Coronation.
 650 #0 \$a Reincarnation \$x Press coverage \$z India.
 650 #0 \$a 'Brug-pa lamas \$z China \$z Tibet Autonomous Region \$x Press coverage.

C.7b – Video Recording – Future Practice

000 01545cgm a22003497c 450
 001 16139257
 007 vd czaizu
 008 100316s2009 ii 022 g vlhin
 010 ## \$a 2010328182
 025 ## \$a I-DVD-2010-328182
 037 ## \$b Library of Congress -- New Delhi Overseas Office
 040 ## \$a DLC \$e amim \$c DLC
 041 ## \$a hin \$a eng
 042 ## \$a lcode
 043 ## \$a a-cc-ti \$a a-ii---
 245 00 \$a Enthronement of Gyalwa Lorepa \$b the Drukpa lineage \$b Hindi news on 1st & 2nd Nov. 2009
 \$c by Aaj Tak & News 24
 257 ## \$a India
 260 ## \$a [Darjeeling] \$b Don-rgyud Dpal-ldan 'Grug-pa \$c 2009
 300 ## \$3 viewing copy \$a 1 videodisc of 1 (VCD) (ca. 22 min.) \$b sd., col. \$c 4 3/4 in.
 500 ## \$a Copyright notice not available
 546 ## \$a Hindi and English
 520 ## \$a A brief account of the discovery and enthronement of reincarnated Drukpa lineage lama
 Gyalwa Lorepa II Jigme Wangchuk and other incidents of reincarnation in Indian community broadcast
 on national news channel of India on 1st and 2nd Nov. 2009 by Aaj Tak and News 24
 541 ## \$c Purchase
 600 00 \$a Jigme Wangchuk \$c Gyalwa Lorepa II \$d 1998- \$x Coronation
 650 #0 \$a Reincarnation \$x Press coverage \$z India
 650 #0 \$a 'Brug-pa lamas \$z China \$z Tibet Autonomous Region \$x Press coverage

C.8a – Earlier Rules – Current Practice

000 01013cam a2200313 450
 001 1227087
 008 700807s1970 nyu b 001 0 eng
 010 ## \$a 67012744
 040 ## \$a DLC \$c DLC \$d DLC
 050 00 \$a HN17.5 \$b .T64
 082 00 \$a 301.2/4
 100 1# \$a Toffler, Alvin.
 245 10 \$a Future shock.
 260 ## \$a New York, \$b Random House \$c [1970]
 300 ## \$a xii, 505 p. \$c 23 cm.
 504 ## \$a Bibliography: p. 461-483.

650 #0 \$a Social history \$y 1945-
 650 #0 \$a Social change.
 650 #0 \$a Civilization, Modern \$y 1950-
 650 #0 \$a Regression (Civilization)

C.8b – Earlier Rules – Future Practice

000 01013cam a2200313 n 450
 001 1227087
 008 700807s1970 nyu b 001 0 eng
 010 ## \$a 67012744
 040 ## \$a DLC \$c DLC \$d DLC
 050 00 \$a HN17.5 \$b .T64
 082 00 \$a 301.2/4
 100 1# \$a Toffler \$h Alvin
 245 10 \$a Future shock
 260 ## \$a New York \$b Random House \$c [1970]
 300 ## \$a xii, 505 p. \$c 23 cm
 504 8# \$i Bibliography \$a p. 461-483
 650 #0 \$a Social history \$y 1945-
 650 #0 \$a Social change.
 650 #0 \$a Civilization \$h Modern \$y 1950-
 650 #0 \$a Regression \$g Civilization

C.9a – RDA – Current Practice

000 01378cam a2200349 i 450
 001 16497787
 008 101012t20112011nyu 000 0 eng
 010 ## \$a 2010043572
 020 ## \$a 9780061983900 \$q (hardback)
 040 ## \$a DLC \$b eng \$c DLC \$e rda \$d DLC
 042 ## \$a pcc
 043 ## \$a n-us-fl
 050 00 \$a HV6603.W35 \$b S73 2011
 082 00 \$a 364.15/23092 \$2 22
 084 ## \$a TRU002000 \$2 bisacsh
 100 1# \$a Standiford, Les.
 245 10 \$a Bringing Adam home : \$b the abduction that changed America / \$c Les Standiford with Detective Sergeant Joe Matthews.
 250 ## \$a First edition.
 264 #1 \$a New York : \$b Ecco, \$c [2011]
 300 ## \$a xii, 291 pages ; \$c 24 cm.
 336 ## \$a text \$2 rdacontent
 337 ## \$a unmediated \$2 rdamedia
 338 ## \$a volume \$2 rdacarrier
 600 10 \$a Walsh, Adam.

650 #0 \$a Kidnapping \$z Florida \$v Case studies.
650 #0 \$a Murder \$x Investigation \$z Florida \$v Case studies.
700 1# \$a Matthews, Joe \$c (Detective), \$e author.

C.9b – RDA – Future Practice

000 01378cam a2200349 c 450
001 16497787
008 101012t20112011nyu 000 0 eng
010 ## \$a 2010043572
020 ## \$a 9780061983900 \$q hardback
040 ## \$a DLC \$b eng \$c DLC \$e rda \$d DLC
042 ## \$a pcc
043 ## \$a n-us-fl
050 00 \$a HV6603.W35 \$b S73 2011
082 00 \$a 364.15/23092 \$2 22
084 ## \$a TRU002000 \$2 bisacsh
100 1# \$a Standiford \$h Les
245 10 \$a Bringing Adam home \$b the abduction that changed America \$c Les Standiford with Detective Sergeant Joe Matthews
250 ## \$a First edition
264 #1 \$a New York \$b Ecco \$c [2011]
300 ## \$a xii, 291 pages \$c 24 cm
336 ## \$a text \$2 rdacontent
337 ## \$a unmediated \$2 rdamedia
338 ## \$a volume \$2 rdacarrier
600 10 \$a Walsh \$h Adam
650 #0 \$a Kidnapping \$z Florida \$v Case studies
650 #0 \$a Murder \$x Investigation \$z Florida \$v Case studies
700 1# \$a Matthews \$h Joe \$g Detective \$e author

Appendix D – Specifications for Removal of Punctuation in Bibliographic Records

Removal of punctuation from MARC 21 bibliographic records can be accomplished through use of programming based on the following specifications which could be tailored to meet the needs of specific institutions. These specifications do not take into account any proposed changes to MARC 21 outlined in this report to further accommodate records without punctuation.

1. Determine which bibliographic records to exclude from processing, e.g., rare materials, based on coding in field 040 \$e.
2. For each variable field in the record, make the following changes:
 - a. Remove any terminal period at the end of the field when the period does not end an abbreviation, ellipsis, initial, ordinal number, or sentence in cases of note fields with multiple sentences.

This may be easier said than done, and no program will ever do this perfectly. Use of tables of abbreviations, starting with those found in AACR2 Appendix B and RDA Appendix B, and experimentation would allow for development of an algorithm that would likely make correct changes in most cases. Fields changed incorrectly can be manually repaired when discovered over time.

Candidate fields could be limited to those where terminal periods were typically included per MARC 21 guidelines. See the list of field in Section 2.2.

- b. Remove any commas (,), colons (:), slashes (/), or plus signs (+) along with any preceding space found at the end of any subfield. Remove semicolons (;) along with any preceding space found at the end of any subfield except before \$b in field 245 in records coded as containing ISBD punctuation, i.e., Leader/18 coded *a* or *i*.
 - c. Remove any semicolons (;) along with any preceding space found at the end of any subfield preceding \$b in field 245 in record coded as containing ISBD punctuation, i.e., Leader/18 coded *a* or *i*, and add an equal sign followed by a space as the first two characters of the following subfield.
 - d. Remove any equal signs (=) along with any preceding space found at the end of any subfield in fields 245 and 490 and add an equal sign followed by a space as the first two characters of the following subfield.
 - e. Remove any dashes, i.e., two consecutive hyphens (--), along with any preceding space found at the end of any subfield in 5xx fields. However, do not remove a dash from the end of any subfield where another piece of punctuation has already been removed.
 - f. Remove any periods (.) at the end of any subfield subject to the conditions outlined in 2a above. However, do not remove a period from the end of any subfield where another piece of punctuation has already been removed.

- g. Following changes outlined in 2a-f, remove any pair of brackets ([]) appearing as the first and last character in 242 \$h, 245 \$h, 246 \$h, and 247 \$h.
 - h. Following changes outlined in 2a-f, remove any pair of parenthesis (()) appearing as the first and last character 210 \$b, 222 \$b, of any subfield in fields 015 \$q, 020 \$q, 024 \$q, 100 \$g, 100 \$q, 110 \$c, 110 \$d, 110 \$g, 110 \$n, 111 \$c, 111 \$d, 111 \$g, 111 \$n, 210 \$b, 222 \$b, 246 \$g, 247 \$g, 255 \$c, 255 \$d, 255 \$e, 260 \$e, 260 \$f, 260 \$g, 352 \$c, 352 \$d, 352 \$e, 352 \$f, 490 \$l, 502 \$b, 600 \$g, 600 \$q, 610 \$c, 610 \$d, 610 \$g, 610 \$n, 611 \$c, 611 \$d, 611 \$g, 611 \$n, 700 \$g, 700 \$q, 710 \$c, 710 \$d, 710 \$g, 710 \$n, 711 \$c, 711 \$d, 711 \$g, 711 \$n, 800 \$g, 800 \$q, 810 \$c, 810 \$d, 810 \$g, 810 \$n, 811 \$c, 811 \$d, 811 \$g, and 811 \$n.
3. Adjust coding in Leader/18 as follows:
- a. If Leader/18 is coded *i*, change Leader/18 to *c*.
 - b. If Leader/18 is coded *a*, change Leader/18 to *c*, and add 040 \$e *aacr/2*.
 - c. If Leader/18 is coded *blank*, change Leader/18 to *n*.

Removal of punctuation from LC/NACO and LCSH authority records will most likely be handled by the Library of Congress.