



OCLC[®]

Technical Bulletin 266

OCLC-MARC Format Update 2016

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About Technical Bulletin 266

Why read this?

To learn about changes to OCLC-MARC records, many of which are related to Resource Description and Access (RDA). These changes are based on:

- MARC 21 Format for Bibliographic Data Update 21 (September 2015)
- MARC 21 Format for Bibliographic Data Update 22 (April 2016)
- MARC 21 Format for Authority Data Update 21 (September 2015)
- MARC 21 Format for Authority Data Update 22 (April 2016)
- MARC 21 Format for Holdings Data Update 21 (September 2015)
- MARC 21 Format for Holdings Data Update 22 (April 2016)
- MARC Code List Technical Notices
- Comments and requests from OCLC users and staff

Record processing information

All sections describe changes that may affect local system processing of OCLC-MARC records.

Route to

Cataloging and local system or automation staff.

Online Installation

August 2016, unless otherwise noted. Installation of this OCLC-MARC Update will be announced via logon Messages of the Day, Connexion News, and the OCLC-CAT discussion list.

OCLC strongly recommends not using new capabilities, new fields and subfields, new indicators, new practices, and new codes until OCLC announces that they may be used.

New fields, subfields, and indicators: These may be used in Record Manager and both Connexion interfaces after OCLC announces that they may be used.

Name Authority Cooperative (NACO) participants should not use the authority format changes in section two at this time. The Library of Congress and OCLC will announce the implementation of these elements for use in name and subject authority records at a future date.

New codes: These may be used in Record Manager and both Connexion interfaces after OCLC announces that they may be used.

New searching and indexing capabilities: All new searching and indexing capabilities will be available in both Connexion interfaces (client and browser) in the future. OCLC will announce availability via logon Messages of the Day, Connexion News, and the OCLC-CAT discussion list. After installation, all indexing changes will gradually become apparent as WorldCat is re-indexed.

Database scans

OCLC will convert, or has converted, data to their new formats where appropriate to the extent that is possible.

Support

Contact OCLC for support in English, Spanish and Portuguese.

Hours: 7:00 am–9:00 pm U.S. Eastern time, Monday through Friday

USA: 1-800-848-5800

International: 1-614-793-8682

E-mail: support@oclc.org

Documentation affected

Authorities: Formats and Indexes, Bibliographic Formats and Standards, OCLC Local Holdings Format and Standards, OCLC-MARC Local Holdings Format Tag Chart, OCLC-MARC Records, and Searching WorldCat Indexes.

Conventions

Throughout the technical bulletin, R = Repeatable and NR = Nonrepeatable. The blank character may be represented as ␣.

1 Bibliographic Record Changes

007 Physical Description Fixed Field (Sound Recording) (R)

007/01 Category of Material (Subfield ‡a) (NR)

Subfield code s Sound recording
redefined

New definition:

A storage medium containing recorded sound or a representation of a musical composition from which sound can be mechanically reproduced, such as a piano roll. A fill character (|) is not allowed in this position.

Former definition:

The item is a sound recording, which is defined as a cylinder, disc, film, tape, or wire on which sound vibrations have been registered so that the sound may be reproduced, and paper rolls on which the notes of a musical composition are represented by perforations in the paper and from which sound can be mechanically produced.

007/01 Specific Material Designation (Subfield ‡b) (NR)

New subfield code r Remote

Digital sound recording that is accessed, processed, executed, etc. remotely. In this case, the digital sound recording is used via input/output devices connected electronically to a computer. Frequently this involves connection through a computer network.

007/03 Speed (Subfield ‡d) (NR)

Subfield redefined ‡d Speed (NR)

New definition:

The playback speed of the sound recording. The code is only intended to relate to the playing speed of a sound recording rendered on a mechanical device. Speed is associated with the kind of item; either disc (subfield ‡b code d), cylinder (subfield ‡b code e), or tape (subfield ‡b code g, s, or t).

Former definition:

The playback speed of the sound recording. Speed is associated with the kind of item; either disc (subfield ‡b code d), cylinder (subfield ‡b code e), or tape (subfield ‡b code g, s, or t).

New subfield code n Not applicable

Speed is not applicable to remote digital sound recordings because it pertains to calculations specific to physical aspects of carriers.

007/10 Kind of Material (Subfield ‡k) (NR)

Subfield redefined ‡k Kind of Material (NR)

New definition:

The kind of material used in the manufacture of sound recordings (both instantaneous and mass-produced). This code is only intended to relate to a sound recording rendered on a mechanical device.

Former definition:

The kind of material used in the manufacture of sound recordings (both instantaneous and mass-produced).

New subfield code n Not applicable

Kind of material is not applicable to remote digital sound recordings because it pertains to calculations specific to physical aspects of carriers.

007 Physical Description Fixed Field (Electronic Resource) (R)

007/01 Specific Material Designation (Subfield ‡b) (NR)

Subfield code b Chip cartridge
redefined

New definition:

Removable module containing a miniaturized electronic circuit, mass-produced on a tiny chip or wafer of silicon, designed to provide additional processing, memory, or storage capacity to a computer. Includes several types of solid-state, memory/storage devices such as non-rewritable ROM-chip cartridges and rewritable flash drives (e.g., USB keys).

Former definition:

Removable module containing a miniaturized electronic circuit, mass-produced on a tiny chip or wafer of silicon, designed to provide additional processing, memory, or storage capacity to a computer.

New subfield code s Standalone device

Standalone devices consist of storage and reader components as an integrated standalone device. The data storage medium cannot be removed from the playback device with which it is issued. The data carried on the medium can only be read using the integrated special-purpose device.

305 Physical Description for Sound Recordings (NR)

Field invalidated

Conversion Instances of field 305 in WorldCat will be converted to field 300.

336 Content Type (R)

New subfield ‡0 Authority record control number or standard number (R)
For information about subfield ‡0, see Control Subfields.

337 Media Type (R)

New subfield ‡0 Authority record control number or standard number (R)
For information about subfield ‡0, see Control Subfields.

338 Carrier Type (R)

New subfield ‡0 Authority record control number or standard number (R)
For information about subfield ‡0, see Control Subfields.

344 Sound Characteristics (R)

Field redefined New definition:

Technical specifications relating to the encoding of sound in a resource. Multiple values from the same source vocabulary may be recorded in the same field in separate occurrences of subfields. Terms from different source vocabularies are recorded in separate occurrences of the field.

Former definition:

Technical specifications relating to the encoding of sound in a resource.

345 Projection Characteristics of Moving Image (R)

Field redefined New definition:

Technical specifications relating to the projection of a moving image resource. Multiple values from the same source vocabulary may be recorded in the same field in separate occurrences of subfield ‡a (Presentation format). Terms from different source vocabularies are recorded in separate occurrences of the field.

Former definition:

Technical specifications relating to the projection of a moving image resource.

346 Video Characteristics (R)

Field redefined

New definition:

Technical specifications relating to the encoding of analog video images in a resource. Multiple values from the same source vocabulary may be recorded in the same field in separate occurrences of subfield ‡a (Video format) and subfield ‡b (Broadcast standard). Terms from different source vocabularies are recorded in separate occurrences of the field.

Former definition:

Technical specifications relating to the encoding of analog video images in a resource.

347 Digital File Characteristics (R)

Field redefined

New definition:

Technical specifications relating to digital encoding of text, image, audio, video, and other types of data in a tangible resource. Multiple values from the same source vocabulary may be recorded in the same field in separate occurrences of subfields. Terms from different source vocabularies are recorded in separate occurrences of the field.

This information could also be recorded in [field 300](#) subfield ‡b. File type (subfield ‡a) and file size (subfield ‡c) are core elements under RDA for cartographic materials only.

Use field 347 for both tangible and online electronic resources.

Under Provider-Neutral practices, file size (347 subfield ‡c) should be omitted for online resources because it may differ from one iteration to another. See [Provider-Neutral E-Resource MARC Record Guide: P-N/RDA Version](#) for additional guidance.

Former definition:

Technical specifications relating to digital encoding of text, image, audio, video, and other types of data in a tangible resource. This information could also be recorded in [field 300](#) subfield ‡b. File type (subfield ‡a) and file size (subfield ‡c) are core elements under RDA for cartographic materials only.

Use field 347 for both tangible and online electronic resources.

Under Provider-Neutral practices, file size (347 subfield ‡c) should be omitted for online resources because it may differ from one iteration to another. See [Provider-Neutral E-Resource MARC Record Guide: P-N/RDA Version](#) for additional guidance.

348 Format of Notated Music (R)

New field

| | | |
|---------------|----|---|
| Definition | | The musical or physical layout of the content of a resource that is presented in the form of musical notation. |
| | | Multiple formats from the same source vocabulary or code list may be recorded in the same field in separate occurrences of subfield ‡a (Format of notated music term) and subfield ‡b (Format of notated music code). Terms from different source vocabularies are recorded in separate occurrences of the field. |
| 1st indicator | ‡ | Undefined |
| 2nd indicator | ‡ | Undefined |
| Subfields | ‡a | Format of notated music term (R) Term for the format of notated music in the resource. |
| | ‡b | Format of notated music code (R) Code for the format of notated music in the resource. |
| | ‡0 | Authority record control number or standard number (R) For information about subfield ‡0, see Control Subfields. |
| | ‡2 | Source of term (NR) MARC code that identifies the source of the term or code used to record the format of notated music. For information about subfield ‡2, see Control Subfields. |
| | ‡3 | Materials specified (NR) For information about subfield ‡3, see Control Subfields |
| | ‡8 | Field link and sequence number (R) For information about subfield ‡8, see Control Subfields. |

382 Medium of Performance (R)

| | | |
|------------------|----|--|
| Subfield renamed | ‡e | Number of ensembles of the same type (R) Formerly, Number of ensembles. |
| New subfields | ‡r | Total number of individuals performing alongside ensembles (NR) The total number of individual performers given in all instances of subfield ‡b needed to perform in the musical work/expression alongside one or more ensembles. Use subfield ‡s to record total number of individual performers when no ensembles are involved. |
| | ‡t | Total number of ensembles (NR) The total number of ensembles needed to perform in the musical work/expression. |

753 System Details Access to Computer Files (R)

| | | |
|---------------|----|---|
| New subfields | ‡0 | Authority record control number or standard number (R) For information about subfield ‡0, see Control Subfields |
| | ‡2 | Source of term (NR) MARC code that identifies the source of the terms in subfield ‡a and ‡c when they are from a controlled list. For information about subfield ‡2, see Control Subfields. For subfield ‡2 codes, see Subject Heading and Term Source Codes . |

Subfield ‡8 (Field link and sequence number)

New subfield ‡8 Field link and sequence number (R)
Identifies linked fields and may also propose a sequence for the linked fields. Subfield ‡8 may be repeated to link a field to more than one other group of fields. You are responsible for creating and maintaining the link. (The system does not create or maintain these links). The structure and syntax for the field link and sequence number subfield is:

‡8 [linking number].[sequence number][field link type]

Subfield ‡8 generally appears at the beginning of the field.

Subfield ‡8 has three parts:

The **linking number** is required. It occurs in subfield ‡8 in all fields to be linked (fields containing the same linking number are linked).

The **sequence number** is optional and preceded by a period (.). It is used to indicate the order in which the linked fields display (lower sequence numbers display before higher ones). If used, it must occur in all subfields ‡8 containing the same linking number.

The **field link type** is required and preceded by a reverse slash (\). It is a code indicating the reason for the link and it follows the linking number (or sequence number, if present). Field link type is required except when subfield ‡8 is used to link and sequence 85x-87x holdings field. These are the valid codes:

a (Action). Used to link one or more fields with another field to which the processing or reference actions relate. This code is typically used only when there is more than one 5xx field that relates to another 5xx field.

c (Constituent item). Used in a record for a collection or a single item consisting of identifiable constituent units, to link the fields relating to the constituent units. All other non-linked data elements in the record pertain to the collection or item as a whole.

p (Metadata provenance). Used in a record to link a field with another field containing information about provenance of the metadata recorded in the linked field.

r (Reproduction). Used in a record for a reproduction to identify fields linked because they contain information concerning only the reproduction. Other descriptive information in the record pertains to the original (with the exception of field 007 (Physical Description fixed field), fixed field [Form](#), [field 245](#) subfield $\$h$ (Title Statement / Medium), and [field 533](#) (Reproduction Note)).

x (General sequencing). Used in a record to make a link between fields to show a sequence between them. The sequence could be one that orders the pieces of a long field that has been broken up, indicates the relative importance of fields within the sequence, or is used for some other sequencing purpose. Use of the sequence number in subfield $\$8$ is required when this code is used.

Added to these fields

- 010 Library of Congress Control Number (NR)
- 013 Patent Control Information (R)
- 015 National Bibliography Number (R)
- 016 National Bibliographic Agency Control Number (R)
- 017 Copyright or Legal Deposit Number (R)
- 018 Copyright Article-Fee Code (NR)
- 020 International Standard Book Number (R)
- 022 International Standard Serial Number (R)
- 024 Other Standard Identifier (R)
- 025 Overseas Acquisition Number (R)
- 026 Fingerprint Identifier (R)
- 027 Standard Technical Report Number (R)
- 028 Publisher Number (R)
- 030 CODEN Designation (R)
- 031 Musical Incipits Information (R)
- 032 Postal Registration Number (R)
- 033 Date/Time and Place of an Event (R)
- 035 System Control Number (R)
- 036 Original Study Number for Computer Data Files (NR)
- 037 Source of Acquisition (R)
- 040 Cataloging Source (NR)
- 041 Language Code (R)
- 044 Country of Publishing/Producing Entity Code (NR)

045 Time Period of Content (NR)
046 Special Coded Dates (R)
047 Form of Musical Composition Code (R)
048 Number of Musical Instruments or Voices Code (R)
100 Main Entry—Personal Name (NR)
110 Main Entry—Corporate Name (NR)
111 Main Entry—Meeting Name (NR)
130 Main Entry—Uniform Title (NR)
210 Abbreviated Title (R)
222 Key Title (R)
240 Uniform Title (NR)
242 Translation of Title by Cataloging Agency (R)
243 Collective Uniform Title (NR)
245 Title Statement (NR)
246 Varying Form of Title (R)
247 Former Title (R)
250 Edition Statement (R)
254 Musical Presentation Statement (NR)

255 Cartographic Mathematical Data (R)
256 Computer File Characteristics (NR)
257 Country of Producing Entity (R)
258 Philatelic Issue Date (R)
260 Publication, Distribution, etc. (Imprint) (R)
263 Projected Publication Date (NR)
264 Production, Publication, Distribution, Manufacture, and Copyright Notice (R)
270 Address (R)
300 Physical Description (R)
306 Playing Time (NR)
307 Hours, Etc. (R)
310 Current Publication Frequency
321 Former Publication Frequency (R)
340 Physical Medium (R)
342 Geospatial Reference Data (R)
343 Planar Coordinate Data (R)
344 Sound Characteristics (R)
345 Projection Characteristics of Moving Image (R)
346 Video Characteristics (R)
347 Digital File Characteristics (R)
348 Format of Notated Music (R)
351 Organization and Arrangement of Materials (R)
352 Digital Graphic Representation (R)
355 Security Classification Control (R)

357 Originator Dissemination Control (NR)
362 Dates of Publication and/or Sequential Designation (R)
365 Trade Price (R)
366 Trade Availability Information (R)
377 Associated Language (R)
490 Series Statement (R)
500 General Note (R)
501 With Note (R)
502 Dissertation Note (R)
504 Bibliography, Etc. Note (R)
505 Formatted Contents Note (R)
506 Restrictions on Access Note (R)
507 Scale Note for Graphic Material (NR)
508 Creation/Production Credits Note (R)
510 Citation/References Note (R)
511 Participant or Performer Note (R)
513 Type of Report and Period Covered Note (R)
514 Data Quality Note (NR)
515 Numbering Peculiarities Note (R)
516 Type of Computer File or Data Note (R)
518 Date/Time and Place of an Event Note (R)
520 Summary, Etc. (R)
521 Target Audience Note (R)
522 Geographic Coverage Note (R)
524 Preferred Citation of Described Materials Note (R)
525 Supplement Note (R)
526 Study Program Information Note (R)
530 Additional Physical Form Available Note (R)
533 Reproduction Note (R)
534 Original Version Note (R)
535 Location of Originals/Duplicates Note (R)
536 Funding Information Note (R)
538 System Details Note (R)

540 Terms Governing Use and Reproduction Note (R)
542 Information Relating to Copyright Status (R)
544 Location of Other Archival Materials Note (R)
545 Biographical or Historical Data (R)
546 Language Note (R)
547 Former Title Complexity Note (R)
550 Issuing Body Note (R)
552 Entity and Attribute Information Note (R)
555 Cumulative Index/Finding Aids Note (R)
556 Information About Documentation Note (R)
561 Ownership and Custodial History (R)
562 Copy and Version Identification Note (R)
563 Binding Information (R)
565 Case File Characteristics Note (R)
567 Methodology Note (R)
580 Linking Entry Complexity Note (R)
581 Publications About Described Materials Note (R)
584 Accumulation and Frequency of Use Note (R)
585 Exhibitions Note (R)
586 Awards Note (R)
588 Source of Description Note (R)
599 Differentiable Local Note (R)

690 Local Subject Added Entry—Topical Term
691 Local Subject Added Entry—Geographic Name
696 Local Subject Added Entry—Personal Name
697 Local Subject Added Entry—Corporate Name
698 Local Subject Added Entry—Meeting Name
699 Local Subject Added Entry—Uniform Title
700 Added Entry—Personal Name (R)
710 Added Entry—Corporate Name (R)
711 Added Entry—Meeting Name (R)
720 Added Entry—Uncontrolled Name (R)
730 Added Entry—Uniform Title (R)
740 Added Entry—Uncontrolled Related/Analytical Title (R)
751 Added Entry—Geographic Name (R)
752 Added Entry—Hierarchical Place Name (R)
753 System Details Access to Computer Files (R)
754 Added Entry—Taxonomic Identification (R)
760 Main Series Entry (R)
762 Subseries Entry (R)
765 Original Language Entry (R)
767 Translation Entry (R)
770 Supplement/Special Issue Entry (R)
772 Supplement Parent Entry (R)
773 Host Item Entry (R)
774 Constituent Unit Entry (R)
775 Other Edition Entry (R)
776 Additional Physical Form Entry (R)
777 Issued With Entry (R)
780 Preceding Entry (R)
785 Succeeding Entry (R)
786 Data Source Entry (R)

787 Other Relationship Entry (R)
790 Local Added Entry—Personal Name (R)
791 Local Added Entry—Corporate Name (R)
792 Local Added Entry—Meeting Name (R)
793 Local Added Entry—Uniform Title(R)
796 Local Added Entry—Personal Name (R)
797 Local Added Entry—Corporate Name (R)
798 Local Added Entry—Meeting Name (R)
799 Local Added Entry—Uniform Title(R)
800 Series Added Entry—Personal Name (R)
810 Series Added Entry—Corporate Name (R)
811 Series Added Entry—Meeting Name (R)
830 Series Added Entry—Uniform Title (R)
850 Holding Institution (R)
856 Electronic Location and Access (R)
880 Alternate Graphic Representation (R)
882 Replacement Record Information (NR)
886 Foreign MARC Information Field (R) ** *As defined in foreign MARC field*
896 Local Series Added Entry—Personal Name (R)
897 Local Series Added Entry—Corporate Name (R)
898 Local Series Added Entry—Meeting Name (R)
899 Local Series Added Entry—Uniform Title(R)
901-907 Local Data (R) *** *As defined for local use*
945-949 Local Data (R) *** *As defined for local use*

2 Authority Record Changes

Name Authority Cooperative (NACO) participants should not use the authority format changes in section two at this time. The Library of Congress and OCLC will announce the implementation of these elements for use in name and subject authority records at a future date.

336 Content Type (R)

New subfield ‡0 Authority record control number or standard number (R)

For information about subfield ‡0, see Control Subfields.

348 Format of Notated Music (R)

New field

Definition The musical or physical layout of the content of a resource that is presented in the form of musical notation

Multiple formats from the same source vocabulary or code list may be recorded in the same field in separate occurrences of subfield ‡a (Format of notated music term) and subfield ‡b (Format of notated music code). Terms from different source vocabularies are recorded in separate occurrences of the field.

1st indicator ‡

2nd indicator ‡

Subfields ‡a Format of notated music term (R)

Term for the format of notated music in the resource.

‡b Format of notated music code (R)

Code for the format of notated music in the resource.

‡0 Authority record control number or standard number (R)

For information about subfield ‡0, see Control Subfields.

‡2 Source of term (NR)

MARC code that identifies the source of the term or code used to record the format of notated music.

For information about subfield ‡2, see Control Subfields.

‡3 Materials specified (NR)

For information about subfield ‡3, see Control Subfields.

‡8 Field link and sequence number (R)

For information about subfield ‡8, see Control Subfields.

382 Medium of Performance (R)

- Subfield renamed ‡e Number of ensembles of the same type (R)
Formerly, Number of ensembles.
- New subfields ‡r Total number of individuals performing alongside ensembles (NR)
The total number of individual performers given in all instances of subfield ‡b needed to perform in the musical work/expression alongside one or more ensembles. Use subfield ‡s to record total number of individual performers when no ensembles are involved.
- ‡t Total number of ensembles (NR)
The total number of ensembles needed to perform in the musical work/expression.

670 Source Data Found (R)

- New subfield ‡w Bibliographic record control number (R)
For information about subfield ‡w, see Control Subfields.
System control number of the related record preceded by the MARC code, enclosed in parentheses, for the agency to which the control number applies.

3 Holdings Record Changes

007 Physical Description Fixed Field (Sound Recording) (R)

007/01 Category of Material (Subfield ‡a) (NR)

Subfield code s Sound recording
redefined

New definition:

A storage medium containing recorded sound or a representation of a musical composition from which sound can be mechanically reproduced, such as a piano roll. A fill character (|) is not allowed in this position.

Former definition:

The item is a sound recording, which is defined as a cylinder, disc, film, tape, or wire on which sound vibrations have been registered so that the sound may be reproduced, and paper rolls on which the notes of a musical composition are represented by perforations in the paper and from which sound can be mechanically produced.

007/01 Specific Material Designation (Subfield ‡b) (NR)

New subfield code r Remote

Digital sound recording that is accessed, processed, executed, etc. remotely. In this case, the digital sound recording is used via input/output devices connected electronically to a computer. Frequently this involves connection through a computer network.

007/03 Speed (Subfield ‡d) (NR)

Subfield redefined ‡d Speed (NR)

New definition:

The playback speed of the sound recording. The code is only intended to relate to the playing speed of a sound recording rendered on a mechanical device. Speed is associated with the kind of item; either disc (subfield ‡b code d), cylinder (subfield ‡b code e), or tape (subfield ‡b code g, s, or t).

Former definition:

The playback speed of the sound recording. Speed is associated with the kind of item; either disc (subfield ‡b code d), cylinder (subfield ‡b code e), or tape (subfield ‡b code g, s, or t).

New subfield code n Not applicable

Speed is not applicable to remote digital sound recordings because it pertains to calculations specific to physical aspects of carriers.

007/10 Kind of Material (Subfield ‡k) (NR)

| | |
|--------------------|--|
| Subfield redefined | ‡k Kind of Material (NR) |
| | New definition: The kind of material used in the manufacture of sound recordings (both instantaneous and mass-produced). This code is only intended to relate to a sound recording rendered on a mechanical device. |
| | Former definition: The kind of material used in the manufacture of sound recordings (both instantaneous and mass-produced). |
| New subfield code | n Not applicable |
| | Kind of material is not applicable to remote digital sound recordings because it pertains to calculations specific to physical aspects of carriers. |

007 Physical Description Fixed Field (Electronic Resource) (R)

007/01 Specific Material Designation (Subfield ‡b) (NR)

| | |
|-------------------------|--|
| Subfield code redefined | b Chip cartridge |
| | New definition: Removable module containing a miniaturized electronic circuit, mass-produced on a tiny chip or wafer of silicon, designed to provide additional processing, memory, or storage capacity to a computer. Includes several types of solid-state, memory/storage devices such as non-rewritable ROM-chip cartridges and rewritable flash drives (e.g., USB keys). |
| | Former definition: Removable module containing a miniaturized electronic circuit, mass-produced on a tiny chip or wafer of silicon, designed to provide additional processing, memory, or storage capacity to a computer. |
| New subfield code | s Standalone device |
| | Standalone devices consist of storage and reader components as an integrated standalone device. The data storage medium cannot be removed from the playback device with which it is issued. The data carried on the medium can only be read using the integrated special-purpose device. |

337 Media Type (R)

New subfield ‡0 Authority record control number or standard number (R)

Subfield ‡0 contains the system control number of the related authority record or a standard identifier such as an International Standard Name Identifier (ISNI). The control number or identifier is preceded by the applicable MARC organization code (for a related authority record) or the standard identifier source code (for a standard identifier scheme), enclosed in parentheses. For a listing of organization codes, see [MARC Code List for Organizations](#), which also includes links to Canadian, United Kingdom, and German MARC Organization Code lists. For a listing of standard identifiers, see [Standard Identifier Source Codes](#). Subfield ‡0 is repeatable for different control numbers or identifiers.

388 Carrier Type (R)

New subfield ‡0 Authority record control number or standard number (R)

Subfield ‡0 contains the system control number of the related authority record or a standard identifier such as an International Standard Name Identifier (ISNI). The control number or identifier is preceded by the applicable MARC organization code (for a related authority record) or the standard identifier source code (for a standard identifier scheme), enclosed in parentheses. For a listing of organization codes, see [MARC Code List for Organizations](#), which also includes links to Canadian, United Kingdom, and German MARC Organization Code lists. For a listing of standard identifiers, see [Standard Identifier Source Codes](#). Subfield ‡0 is repeatable for different control numbers or identifiers.

5 MARC Code List Changes

Availability of codes in Record Manager and Connexion interfaces

New codes: These may be used in Record Manager and both Connexion interfaces after OCLC announces that they may be used.

New Cartographic Data Source Codes

Cartographic data source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 034 ‡2 |
| Authority | 034 ‡2 |

Below is the new code. For the full list, see Cartographic Data Source Codes (<http://www.loc.gov/standards/sourcelist/cartographic-data.html>)

| New code | Bibliographic citation |
|----------|---|
| wfbcia | The World Factbook (Washington, D.C.: Central Intelligence Agency) (https://www.cia.gov/library/publications/the-world-factbook/) |

New Citation Scheme Source Codes

Citation scheme source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 524 ‡2 |

Below is the new code. For the full list, see Citation Scheme Source Codes (<http://www.loc.gov/standards/sourcelist/citation.html>)

| New code | Bibliographic citation |
|----------|---|
| ssrq | Swiss law sources (Sammlung Schweizerischer Rechtsquellen) [Bibliographie der Schweizergeschichte] |

New Classification Scheme Source Codes

Classification scheme source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 052 ‡2 |
| | 055 ‡2 |
| | 084 ‡2 |
| | 086 ‡2 |
| | 852 ‡2 |
| Authority | 052 ‡2 |
| | 065 ‡2 |
| | 086 ‡2 |
| | 087 ‡2 |
| Holdings | 852 ‡2 |

Below is the new code. For the full list, see Classification Scheme Source Codes (<http://www.loc.gov/standards/sourcelist/classification.html>).

| New code | Bibliographic citation |
|----------|--|
| ivdcc | intranda viewer digital collection classification (Göttingen: intranda GmbH) |

New Curriculum Objective Term and Code Source Codes

Curriculum objective term and code source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 658 ‡2 |
| Authority | 658 ‡2 |

Below are the new codes. For the full list, see Curriculum Objective Term and Code Source Codes (<http://www.loc.gov/standards/sourcelist/curriculum-objective.html>)

| New code | Bibliographic citation |
|----------|---|
| accpp | Australian Cross-curriculum Priorities (Australian Curriculum, Assessment and Reporting Authority (ACARA) http://vocabulary.curriculum.edu.au/crossCurriculum) |
| accd | Australian Curriculum Content Description (Australian Curriculum, Assessment and Reporting Authority (ACARA) http://www.australiancurriculum.edu.au/technical/machinereadable) |

| | |
|------|---|
| acfr | Australian Curriculum Framework (Australian Curriculum, Assessment and Reporting Authority (ACARA) http://vocabulary.curriculum.edu.au/framework) |
| acgc | Australian General Capability (Australian Curriculum, Assessment and Reporting Authority (ACARA) http://vocabulary.curriculum.edu.au/generalCapability) |
| acsl | Australian School level (Australian Curriculum, Assessment and Reporting Authority (ACARA) http://vocabulary.curriculum.edu.au/schoolLevel) |
| udir | Norwegian curriculum (Utdanningsdirektoratet (Udir)/The Norwegian directorate for education and training) http://www.udir.no/) |

New Description Convention Source Codes

Description convention source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 040 ‡e |
| Authority | 040 ‡e |

Below are the new codes. For the full list, see Description Convention Source Codes (<http://www.loc.gov/standards/sourcelist/descriptive-conventions.html>).

| New code | Bibliographic citation |
|----------|---|
| kids | Katalogisierungsregeln Informationsverbund Deutschschweiz (Zürich: Informationsverbund Deutschschweiz https://www.informationsverbund.ch/27.0.html) |
| lcmpt | Library of Congress medium of performance thesaurus for music (LCMPT) (Washington, DC: Library of Congress) http://loc.gov/aba/publications/FreeLCMPT/freelcmpt.html Note: This code was previously defined for use in <i>Musical Instrumentation and Voice Code Source Codes</i> . Usage has been expanded to <i>Standard Identifier Source Codes</i> . |

New Gender Code and Term Source Codes

Gender code and term source codes are located in this field:

| Format | Field/subfield |
|-----------|----------------|
| Authority | 375 ‡2 |

Below is the new code. For the full list, see Gender Code and Term Source Codes (<http://www.loc.gov/standards/sourcelist/gender.html>).

| New code | Bibliographic citation |
|----------|---|
| rvmgd | Thésaurus des descripteurs de groupes démographiques de l'Université Laval (Québec: Université Laval) |

New Genre/Form Code and Term Source Codes

Genre/form codes and term source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 336 ‡2 |
| | 337 ‡2 |
| | 338 ‡2 |
| | 655 ‡2 |
| Authority | 040 ‡f |
| | 336 ‡2 |
| | 775 ‡2 |
| | 785 ‡2 |
| Holdings | 337 ‡2 |
| | 338 ‡2 |

Below are the new codes. For a full list, see Genre/Form Code and Term Source Codes (<http://www.loc.gov/standards/sourcelist/genre-form.html>)

| New code | Bibliographic citation |
|----------|--|
| lobt | Language of Bindings Thesaurus (London: University of Arts) (http://www.ligatus.org.uk/lob/) |
| nzcoh | New Zealand Choral and Orchestral hire form and genre terms (http://natlib.govt.nz/collections/choral-and-orchestral-music-hire-service) |

New MARC Authentication Action Code List

MARC authentication action code lists are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 042 ‡a |
| Authority | 042 ‡a |

Below is the new code. For a full list, see MARC Authentication Action Code List (<http://www.loc.gov/standards/valuelist/marcauthen.html>)

| New code | Bibliographic citation |
|----------|--|
| toknb | Tokelau National Bibliography (National Library of New Zealand) Code <i>toknb</i> signifies that the descriptive elements have been edited and the record authenticated for inclusion in the <i>Tokelau National Bibliography</i> . |

New Musical Instrumentation and Voice Code Source Codes

Musical instrumentation and voice codes and term source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 048 ‡2 |
| | 382 ‡2 |
| Authority | 382 ‡2 |
| | 762 ‡2 |

Below is the new code. For a full list, see Musical Instrumentation and Voice Code Source Codes (<http://www.loc.gov/standards/sourcelist/musical-instrumentation/html>).

| New code | Bibliographic citation |
|----------|---|
| seko | Aidatrumpetista zimbaloimiin. Ohjeluttelo soittimien nimistä (http://www2.kirjastot.fi/fi-FI/musiikki/soitinnimet/) |

New Name and Title Authority Source Codes

Name and title authority source codes are located in these fields:

| Format | Field/subfield |
|---------------|--|
| Bibliographic | 600, 610, 611, 630, 650, 651 ‡2 654, 662 ‡2 751 ‡2 752 ‡2 |
| Authority | 700, 710, 711, 730, 751 ‡2 |

Below is the new code. For the full list, see Name and Title Authority Source Codes (<http://www.loc.gov/standards/sourcelist/name-title.html>)

| New code | Bibliographic citation |
|----------|---|
| nliaf | National Library of Israel Authority File (Jerusalem: National Library of Israel) |

New National Bibliography Number Source Codes

National bibliography number source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 015 ‡2 |

Below is the new code. For the full list, see National Bibliography Number Source Codes (<http://www.loc.gov/standards/sourcelist/national-bibliography.html>)

| New code | Bibliographic citation |
|----------|---|
| bcl | Bibliografía chilena (Santiago: Biblioteca Nacional de Chile) |

New Occupation Term Source Codes

Occupation Term source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 656 ‡2 |
| Authority | 374 ‡2 |

Below are the new codes. For the full list, see Occupation Term Source Codes (<http://www.loc.gov/standards/sourcelist/occupation.html>).

| New code | Bibliographic citation |
|----------|------------------------|
|----------|------------------------|

| | |
|-------|--|
| rvmgd | Thésaurus des descripteurs de groupes démographiques de l'Université Laval (Québec: Université Laval) |
| trot | Thesaurus of Religious Occupational Terms (TROT) (Chicago, Illinois: American Theological Library Association (ATLA)) (https://www.atla.com/Members/programs/libtools/Pages/default.aspx) |

New Standard Identifier Source Codes

Standard Identifier source codes are located in these fields:

| Format | Field/subfield |
|---------------|----------------|
| Bibliographic | 024 ‡2 |
| Authority | 024 ‡2 |
| Holdings | 024 ‡2 |

Below are the new codes. For a full list, see Standard Identifier Source Codes (<http://www.loc.gov/standards/sourcelist/standard-identifier.html>)

| New code | Bibliographic citation |
|----------|--|
| agrovoc | AGROVOC multilingual agricultural thesaurus (Rome: APIMONDIA) Note: This code was previously defined for use in <i>Subject Heading and Term Source Codes</i> . Usage has been expanded to <i>Standard Identifier Source Codes</i> . |
| allmovie | AllMovie (http://www.allmovie.com/) |
| allmusic | AllMusic (http://www.allmusic.com/) |
| amnbo | American National Biography Online (http://www.anb.org/) |
| artsy | Artsy (https://www.artsy.net/) |
| bfi | BFI - British Film Institute (http://www.bfi.org.uk/explore-film-tv/films-tv-people) |
| bnfcg | BnF catalogue général (Paris: Bibliothèque nationale de France) (http://catalogue.bnf.fr/index.do%20%20french) |
| cgndb | Canadian Geographical Names Database (Natural Resources Canada) (http://www.nrcan.gc.ca/earth-sciences/geography/place-names/search/9170) Note: This code was previously defined for use in <i>Cartographic Data Source Codes</i> . Usage has been expanded to <i>Standard Identifier Source Codes</i> . |
| discogs | Discogs (http://www.discogs.com/) |
| fast | FAST - Faceted Application of Subject Terminology (http://fast.oclc.org/searchfast/) Note: This code was previously defined for use in <i>Subject Heading and Term Source Codes</i> . Usage has been expanded to <i>Standard Identifier Source Codes</i> . |
| findagr | Find a Grave (http://www.findagrave.com/index.html) |

| | |
|-----------|--|
| freebase | Freebase (https://www.freebase.com/) |
| geogndb | Geographic Names Database (http://www.geonamebase.com/) |
| geonames | Geographic Names Database (http://www.geonames.org/) Note: This code was previously defined for use in <i>Cartographic Data Source Codes</i> . Usage has been expanded to <i>Standard Identifier Source Codes</i> . |
| gettytgn | Getty Thesaurus of Geographic Names Online (J. Paul Getty Trust) (http://www.getty.edu/research/tools/vocabularies/tgn/index.html) Note: This code was previously defined for use in <i>Cartographic Data Source Codes</i> . Usage has been expanded to <i>Standard Identifier Source Codes</i> . |
| gettyulan | Union List of Artist Names Online (J. Paul Getty Trust) (http://www.getty.edu/research/tools/vocabularies/ulan/index.html) |
| gnd | Gemeinsame Normdatei (Leipzig: Deutsche Nationalbibliothek) (http://www.dnb.de/EN/Standardisierung/GND/gnd_node.html) Note: This code was previously defined for use in <i>Genre/Form Code and Term Source Codes</i> , <i>Musical Instrumentation and Voice Code Source Codes</i> , <i>Name and Title Authority Source Codes</i> , and <i>Subject Heading and Term Source Codes</i> . Usage has been expanded to <i>Standard Identifier Source Codes</i> . |
| gnis | Geographic Names Information System (GNIS) (United States Geological Survey, Board on Geographic Names) (http://geonames.usgs.gov/) Note: This code was previously defined for use in <i>Cartographic Data Source Codes</i> and <i>Subject Heading and Term Source Codes</i> . Usage has been expanded to <i>Standard Identifier Source Codes</i> . |
| ibdb | IBDB - Internet Broadway Database (http://www.ibdb.com/) |
| idref | IdRef: le référentiel des autorités Sudoc (L'agence bibliographique de l'enseignement supérieur ABES) |
| imdb | IMDb - Internet Movie Database (http://www.imdb.com/) |
| isbnre | ISBN (International Standard Book Number) registrant element [Note: Refers to the part of the ISBN number that is stable for a publisher's publications (the registrant element).] |
| isil | ISIL (International Standard Identifier for Libraries and Related Organizations) |
| moma | Museum of Modern Art (New York: Museum of Modern Art) (http://www.moma.org/collection/) |
| musicb | MusicBrainz (https://musicbrainz.org/) |
| nga | National Gallery of Art (Washington DC: National Gallery of Art) (http://www.nga.gov/content/ngaweb/Collection.html) |

| | |
|----------|---|
| npg | National Portrait Gallery (London: National Portrait Gallery) (http://www.npg.org.uk/collections/search/artA-Z.php) |
| odnb | Oxford Dictionary of National Biography (Oxford University Press) (http://www.oxforddnb.com/) |
| rbmsbt | RBMS Controlled Vocabularies: Binding Terms (Rare Books and Manuscripts Section, Association of College & Research Libraries) (http://rbms.info/vocabularies/binding/alphabetical_list.htm) |
| rbmsgt | RBMS Controlled Vocabularies: Genre Terms (Rare Books and Manuscripts Section, Association of College & Research Libraries) (http://rbms.info/vocabularies/genre/alphabetical_list.htm) |
| rbmspe | RBMS Controlled Vocabularies: Provenance Evidence (Rare Books and Manuscripts Section, Association of College & Research Libraries) (http://rbms.info/vocabularies/provenance/alphabetical_list.htm) |
| rbmsppe | RBMS Controlled Vocabularies: Printing and Publishing Evidence (Rare Books and Manuscripts Section, Association of College & Research Libraries) (http://rbms.info/vocabularies/printing-publishing/alphabetical_list.htm) |
| rbmspt | RBMS Controlled Vocabularies: Paper Terms (Rare Books and Manuscripts Section Association, of College & Research Libraries) (http://rbms.info/vocabularies/paper/alphabetical_list.htm) |
| rbmsrd | RBMS Controlled Vocabularies: Relationship Designators (Rare Books and Manuscripts Section, Association of College & Research Libraries) (http://rbms.info/vocabularies/relators/alphabetical_list.htm) |
| rbmste | RBMS Controlled Vocabularies: Type Evidence (Rare Books and Manuscripts Section, Association of College & Research Libraries) (http://rbms.info/vocabularies/type/alphabetical_list.htm) |
| rkda | RKDartists& (Den Haag: Rijksbureau voor Kunsthistorische Documentatie) (https://rkd.nl/en/explore/artists) |
| saam | Smithsonian American Art Museum (Washington DC: Smithsonian Institution) (http://americanart.si.edu/collections/search) |
| scholaru | Scholar Universe (http://www.scholaruniverse.com/) |
| scopus | Scopus Author Identifier (http://www.scopus.com/) |
| wikidata | Wikidata (Wikimedia Foundation) (https://www.wikidata.org/wiki) |
| wndla | Web NDL Authorities (Tokyo: National Diet Library (NDL)) (http://id.ndl.go.jp/auth/ndlna) |

New Subject Heading and Term Source Codes

Subject heading and term source codes are located in these fields:

| Format | Field/Subfield |
|---------------|---|
| Bibliographic | 033 ‡2 |
| | 257 ‡2 |
| | 380 ‡2 |
| | 381 ‡2 |
| | 518 ‡2 |
| | 600, 610, 611, 630, 648, 650, 651 ‡2 |
| | 654 ‡2 |
| | 662 ‡2 |
| | 751 ‡2 |
| | 752 ‡2 |
| Authority | 040 ‡f |
| | 370 ‡2 |
| | 372 ‡2 |
| | 373 ‡2 |
| | 376 ‡2 |
| | 380 ‡2 |
| | 381 ‡2 |
| | 700, 710, 711, 730, 748, 750, 751, 755, 762, 780, 781, 782, 785, 788 ‡2 |

Below are the new codes. For the full list, see Subject Heading and Term Source Codes (<http://www.loc.gov/standards/sourcelist/subject.html>).

| New code | Bibliographic citation |
|--------------|---|
| bokbas | Bokbasen (http://www.boknett.no/) |
| eurovocfr | Eurovoc thesaurus (French) (http://eurovoc.europa.eu/drupal/?q=fr) |
| gqipmedia | GAMECIP - Computer Game Media Formats (GAMECIP (Game Metadata and Citation Project)) (http://gamemetadata.org/uri/media) |
| gqipplatform | GAMECIP - Computer Game Platforms (GAMECIP (Game Metadata and Citation Project)) (http://gamemetadata.org/uri/platform) |
| rvmgd | Thésaurus des descripteurs de groupes démographiques de l'Université Laval (Québec: Université Laval) |

Technical Bulletins Online

Introduction

This section covers retrieving technical bulletins in electronic form.

WWW

Technical bulletins are listed on the OCLC website (<http://www.oclc.org/support/documentation/technicalbulletins.en.html>). This list is current as of August 2016. Technical Bulletins not listed are obsolete. Please discard them or mark them as obsolete.

Internet list

To subscribe to TECHBUL-L—a public list that e-mails an announcement of availability of new technical bulletins on the OCLC website:

1. Type <http://www.oclc.org/content/forms/worldwide/en/internet-subscription.html> in the address bar of your Web browser.

OR

1. Type subscribe techbul-l in the body of an email and send it to listserv@oclc.org.
2. To unsubscribe, type unsubscribe techbul-l in the body of an email and send it to listserv@oclc.org or use the Internet List Request form.

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