Technical Bulletin 260
OCLC-MARC Format Update 2011

About Technical Bulletin 260

Contents

Technical Bulletin 260 covers the following topics:

Why read this?

To learn about changes to OCLC-MARC records, many of which are related to Resource Description and Access (RDA), the proposed successor to AACR2. These changes are based on:

- MARC 21 Format for Bibliographic Data Update 12 (October 2010)

- MARC 21 Format for Authority Data Update 12 (October 2010)

- MARC 21 Format for Holdings Data Update 12 (October 2010)

- MARC Code List for Languages: Appendix: Changes (May 7, 2010)

- 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 2011, unless otherwise noted. Installations of this OCLC-MARC Update may occur in stages, which OCLC will announce via logon Messages of the Day, Connexion News, and the OCLC-CAT listserv.

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

New searching and indexing capabilities: All new searching and indexing capabilities can be used in both Connexion interfaces (client and browser) when announced by OCLC in August 2011, with these exceptions:

- The Name and Title (nx=) and Provenance (pv:) indexes will install after August 21 (OCLC will announce this install).

In Connexion client, new indexes and languages will not appear in dropdown lists, but can be input manually via the command line (Client dropdown lists will be updated with new indexes in a future version of the client).

After installation, all indexing changes will gradually become apparent as WorldCat is re-indexed.

New fields, subfields, and indicators: These may be used in both Connexion interfaces when announced by OCLC in August 2011.

New codes: These may be used in both Connexion interfaces when announced by OCLC in August 2011, as follows. In the Connexion browser, new fixed field codes will appear in dropdown lists. For the Connexion client, a few days after the installation of these changes, users will receive an email announcement that the next time they log on with the client they will be prompted to download new validation tables that will include the new codes in fixed field drop-down lists.

Form of Item fixed field and Computer File format	OCLC added the Form of Item fixed field (008/23 & 006/06) to the Computer File workform as part of the Connexion client release 2.30 in April 2011. When this OCLC-MARC Update is installed in August 2011, codes *o*, *q*, and *b̸* will be validated in these positions.
Database scans	OCLC will convert data to its appropriate new format 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*, Connexion browser Help, Connexion client Help, *OCLC-MARC Records*, *Searching WorldCat Indexes*, and *OCLC Local Holdings Formats and Standards*
Conventions	Throughout the technical bulletin, **R** = Repeatable and **NR** = Nonrepeatable.

1 Bibliographic Record Changes

MARC Organization Code no longer prints on catalog cards

Effective with cards produced after March 15, 2011, the MARC Organization Code (also known as the NUC symbol; see http://www.loc.gov/marc/organizations/orgshome.html) no longer prints on cards. Libraries that don't have a MARC Organization Code saw no change in their printed cards. The change did not affect billing in any way. Questions and re-evaluations of your institution's card print profile should be directed to: orders@oclc.org

Desc Descriptive Cataloging Form (Leader/18)

New code	c	ISBD Punctuation Omitted Descriptive portion of the record contains the punctuation provisions of ISBD, except ISBD punctuation is not present at the end of a subfield
Changed codes	a	AACR2 Descriptive part of the record is formulated according to the description and punctuation provisions as incorporated into the Anglo-American Cataloging Rules, 2nd Edition (AACR2) and its manuals.
	i	ISBD Punctuation Included Descriptive part of the record contains the punctuation provisions of ISBD.
Indexing		These codes are not indexed.
Printing		For purposes of card printing, records coded *c* are treated the same as records with non-ISBD codes (*blank* and *u*).

007 Physical Description Fixed Field (Kit) (R)

New field

1st indicator	ƀ	Undefined
2nd indicator	ƀ	Undefined
Subfields	‡a	Category of material (007/00) (NR) Category of material.

o Kit

One-character alphabetic code that indicates the category of material to which the item belongs is kit, which is defined as a mixture of various components issued as a unit and intended primarily for instructional purposes. No one component is identifiable as the predominant component of the item. Examples are packages of assorted materials, such as a set of K-12 social studies curriculum material (books, workbooks, guides, activities, etc.), or packages of educational test materials (tests, answer sheets, scoring guides, score charts, interpretative manuals, etc.). A fill character (|) is not allowed in this position.

	‡b	Specific material designation (007/01) (NR) Special class of textual material to which an item belongs.

u Unspecified

Special material designation for the kit is not specified.

Indexing	New subfield ‡a code indexed as below:

o: material type Kit (kit)

007 Physical Description Fixed Field (Notated Music) (R)

		New field
1st indicator	ƀ	Undefined
2nd indicator	ƀ	Undefined
Subfields	‡a	Category of material (007/00) (NR)
		Category of material.

    q Notated Music

        One-character alphabetic code that indicates the category of material to which the item belongs is notated music, which is defined as graphic, non-realized representations of musical works, both in printed and digitized manifestations. It includes musical scores and/or parts, diagrammatic representations, tablature, instructions for chance compositions, pictures or paintings intended as musical compositions, square note notation, klavarskribo, chant notation, neumes, braille, and other ways of representing the four components of musical sound: pitch, duration, timbre, and loudness. Notated music is often the means for communicating to the performer(s) how the musical work notated therein is to be realized in sound. A fill character (|) is not allowed in this position.

    ‡b Specific material designation (007/01) (NR)
        Special class of textual material to which an item belongs.

    u Unspecified
        Special material designation for notated music is not specified.

Indexing		New subfield ‡a code indexed as below:

q: material type Musical Score (sco)

007 Physical Description Fixed Field (Text) (R)

		New field
1st indicator	ƀ	Undefined
2nd indicator	ƀ	Undefined
Subfields	‡a	Category of material (007/00) (NR)
		Category of material.

    t Text

        One-character alphabetic code that indicates the category of material to which the item belongs is text, which is defined as printed or manuscript material that is accessible to the naked eye (e.g., a book, a pamphlet, a broadside). A fill character (|) is not allowed in this position.

    ‡b Specific material designation (007/01) (NR)
        Special class of textual material to which an item belongs.

    a Regular print
        Regular, eye-readable text.

    b Large print
        Large print text is oversized print intended for use by the visually impaired.

    c Braille
        Braille text is embossed characters that have been formed by raised dots in six-dot cells; braille is intended for use by the visually impaired.

    d Loose-leaf
        Text in a loose-leaf binder.

u Unspecified
    Special material designation of the text is not specified.

z Other
    None of the other codes is appropriate.

Indexing	New subfield ‡b, codes indexed as below:

b: material type Large Print (lpt)
c: material type Braille (brl)
d: material type Loose Leaf (upl)

New subfield ‡a code *a* and subfield ‡b codes *a*, *u*, and *z* are not indexed.

007 Physical Description Fixed Field (Unspecified) (R)

New field

1st indicator	ƀ	Undefined
2nd indicator	ƀ	Undefined
Subfields	‡a	Category of material (007/00) (NR)

    Category of material.

z Unspecified
    One-character alphabetic code that indicates the category of material to which the item belongs is unspecified, which means that the item is not identified by one of the other 007 code values or that its multiple physical forms are not being specifically denoted (for instance, when the item in hand is a collection containing different material categories and an institution chooses not to input separate 007 fields for the various components). A fill character (|) is not allowed in this position.

‡b Specific material designation (007/01) (NR)
    Special class of material to which the item belongs.

m Multiple physical formats
    Multiple physical formats are involved.

u Unspecified
    Physical form of the item is not specified.

z Other
    None of the other codes is appropriate.

Indexing	This field is not indexed.

FMus Format of Music (SCO 008/20 & 006/03)

Changed code definition	c	Accompaniment reduced for keyboard. Accompaniment is reduced for keyboard instrument(s) and the vocal parts and/or solo instrumental parts remain the same. Scores of works for solo voices and chorus showing only the parts for chorus, at least in those portions of the work in which the chorus sings, with the instrumental accompaniment arranged for one or two keyboard instruments are assigned code *h* (Chorus score).
	d	Voice score. A score for a vocal work with the accompaniment omitted. Vocal works originally unaccompanied are assigned other codes as appropriate. **Note:** Codes *c* and *d* are assigned to vocal works on the basis of the absence of or type of accompaniment. Scores of works for solo voices and chorus showing only the parts for chorus, at least in those portions of the work in which the chorus sings, with the instrumental accompaniment omitted are assigned code *h* (Chorus score).
	h	Chorus score. A score of a work for chorus showing only the parts for chorus, at least in those portions of the work in which the chorus sings, with the instrumental accompaniment either arranged for one or two keyboard instruments or omitted. Formerly, choral scores were coded *d* (Voice score).
Note		Prior to 2010 chorus scores were included in code *c* (Accompaniment reduced for keyboard) and code *d* (Voice score).

Form Form of Item (COM 008/23 & 006/06)

New fixed field element		One-character alphabetic code that specifies the form of material for the item.
New codes	ƀ	blank Unknown or unspecified.
	o	Online The resource is accessed by means of hardware and software connections to a communications network.
	q	Direct electronic. Storage on a directly accessible tangible recording medium, e.g. disc, tape, playaway device, flashdrive, portable hard drive, etc.
Indexing		New codes indexed as below *o*: Material Type url and elc *q*: Material Type elc
Connexion client		When the online changes are installed, Connexion client users will be prompted to download new validation tables that will add these new codes to the drop-down list for the Form of Item fixed field.

034 Coded Cartographic Mathematical Data (R)

New subfield	‡3	Materials Specified (R) Information that specifies the part of the entity to which the field applies.
Indexing		New subfield ‡3 indexed in Keyword index (kw:).
Printing		When printing catalog cards, subfield ‡3 does not print.

040 Cataloging Source (NR)

New subfield value   ‡e   Description conventions (R)

If you are using your own descriptive conventions, enter the code *local* followed by a slash and either the MARC Organization Code or the OCLC Symbol of the institution.

365 Trade Price (R)

New field

1st indicator   ƀ   Undefined

2nd indicator   ƀ   Undefined

Subfields   ‡a   Price type code (NR)

Type of price recorded in subfield ‡b. The source of the code is recorded in subfield ‡2.

‡b   Price amount (NR)

Numeric price.

‡c   Currency code (NR)

Code for the currency of the price recorded in subfield ‡b. It is recorded according to ISO 4217, *Codes for the Representation of Currencies and Funds*.

‡d   Unit of pricing (NR)

Codes for the unit of the product to which the price recorded in subfield ‡b applies. The codes are as follows:

00: Per copy of whole product [default value]

01: Per page for printed loose-leaf content only

‡e   Price note (NR)

Free text note.

‡f   Price effective from (NR)

Date from which a price recorded in subfield ‡b becomes effective. It is recorded in the format *yyyymmdd* in accordance with ISO 8601, *Representation of Dates and Times*. Subfield ‡f is used when subfield ‡a indicates a special sale price or prepublication price.

‡g   Price effective until (NR)

Date until which the price recorded in subfield ‡b remains effective. It is recorded in the format *yyyymmdd* in accordance with ISO 8601, *Representation of Dates and Times*. Subfield ‡g is used when subfield ‡a indicates a special sale price or prepublication price.

‡h   Tax rate 1 (NR)

First value added tax.

‡i   Tax rate 2 (NR)

Second value added tax.

‡j   ISO country code (NR)

Code for the country to which the price recorded in subfield ‡b applies. Code from: ISO 3166-1, *Codes for the Representation of Names of Countries* (http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=39719).

‡k   MARC country code (NR)

Code for the country to which the price recorded in subfield ‡b applies. Code from *MARC Code List for Countries* (http://www.loc.gov/marc/countries/).

‡m   Identification of pricing entity (NR)
        Identification of the company or agency establishing and offering the prices.

‡2   Source of price type code (NR)
        Source of the price type code recorded in subfield ‡a. Code from *Price Type Code Source Codes* (http://www.loc.gov/standards/sourcelist/price-type.html).

Indexing   Field 365 is not indexed.

Printing   When printing catalog cards, field 365 does not print.

366 Trade Availability Information (R)

                            New field

1st indicator   �star   Undefined

2nd indicator   �star   Undefined

Subfields   ‡a   Publishers' compressed title identification (NR)
                            Sufficient title-centered bibliographic information to identify a product, according to conventions of the originating agency.

                    ‡b   Detailed date of publication (NR)
                            Detailed date of publication of the item. It is recorded in the format *yyyymmdd* in accordance with ISO 8601, *Representation of Dates and Times*. The *mm* and *dd* positions contain zeroes when the data is unknown.

                    ‡c   Availability status code (NR)
                            Two-digit status code followed after a space by the date of the status report. The date is recorded in the format *yyyymmdd* in accordance with ISO 8601, *Representation of Dates and Times*. The source of the availability code is recorded in subfield ‡2.

                    ‡d   Expected next availability date (NR)
                            Detailed date for publication of the item. It is recorded in the format *yyyymmdd* in accordance with ISO 8601, Representation of Dates and Times. The *mm* and *dd* positions contain zeroes when the data is unknown. Subfield ‡d is used when subfield ‡c indicates whether the product is not yet published, being reprinted, not yet in stock, is being remaindered, or is temporarily unavailable.

                    ‡e   Note (NR)
                            Free text note.

                    ‡f   Publisher's discount category (NR)
                            Coded information concerning the category of discount offered by the publisher. The first character position identifies the source of the code, character positions 2-5 identify the source of supply, and characters 6-8 identify the discount group. For example, the category "ANIEL122," identifies the source of the code as Book Industry Communications, the source of supply to Nielson Bookdata, and the discount group 122.

                    ‡g   Date made out of print (NR)
                            Date when the product became out of print. The date is recorded in the format *yyyymmdd* in accordance with ISO 8601, *Representation of Dates and Times*. The *mm* and *dd* positions contain zeroes when the data is unknown.

                    ‡j   ISO country code (NR)
                            Code for the country to which the price recorded in subfield ‡b applies. Code from: ISO 3166-1, *Codes for the Representation of Names of Countries* (http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=39719).

                    ‡k   MARC country code (NR)
                            Code for the country to which the price recorded in subfield ‡b applies. Code from *MARC Code List for Countries* (http://www.loc.gov/marc/countries/).

‡m   Identification of pricing entity (NR)
        Identification of the company or agency establishing and offering the prices.

‡2   Source of availability status code (NR)
        MARC code that identifies the source of the availability status code recorded in
        subfield ‡c. Code from *Availability Status Code Source Codes* (http://www.loc.gov/
        standards/sourcelist/availability-status.html).

Indexing	Field 366 is not indexed.
Printing	When printing catalog cards, field 366 does not print.

561 Ownership and Custodial History (R)

New subfield	‡u Uniform Resource Identifier (R).
	        Uniform Resource Identifier (URI) that provides electronic access data in a
	        standard syntax to an electronic bibliography cited or to the citation within an
	        electronic bibliography. The data that is accessed by the URI contains additional
	        information about ownership and custodial history.

Indexing	New subfield ‡u is not indexed.
Printing	When printing catalog cards, subfield ‡u does not print.

79x Local Added Entry Fields

New subfield	‡i Relationship information (R)
	        Designation of a relationship between the resource described in the 7xx field and
	        the resource described in the 1xx/245 of the record. This may be an uncontrolled
	        textual phrase or a controlled textual value from a list of relationships between
	        bibliographic resources.

Indexing	Subfield ‡i is not indexed.
Changes above apply to these fields:	790 Local Added Entry - Personal Name 791 Local Added Entry - Corporate Name 792 Local Added Entry - Meeting Name 793 Local Added Entry - Uniform Title 796 Local Added Entry - Personal Name 797 Local Added Entry - Corporate Name 798 Local Added Entry - Meeting Name 799 Local Added Entry - Uniform Title
Printing	In fields 790, 791, 792, and 793, subfield ‡i prints in the order found in record when printing catalog cards. In fields 796, 797, 798, and 799, subfield ‡i does not print when printing catalog cards.

800   Series Added Entry – Personal Name (R)

New subfield	‡5 Institution to which field applies (R)
	        MARC code of the institution or organization that holds the copy to which the
	        data in the field applies. Data in the field may not apply to the universal description of
	        the item or may apply universally to the item but be of interest only to the location
	        cited.

Indexing	Subfield ‡5 is not indexed.
Printing	When printing catalog cards, subfield ‡5 does not print.

810   Series Added Entry – Corporate Name (R)

New subfield	‡5 Institution to which field applies (R)
	MARC code of the institution or organization that holds the copy to which the data in the field applies. Data in the field may not apply to the universal description of the item or may apply universally to the item but be of interest only to the location cited.
Indexing	Subfield ‡5 is not indexed.
Printing	When printing catalog cards, subfield ‡5 does not print.

811   Series Added Entry – Meeting Name (R)

New subfield	‡5 Institution to which field applies (R)
	MARC code of the institution or organization that holds the copy to which the data in the field applies. Data in the field may not apply to the universal description of the item or may apply universally to the item but be of interest only to the location cited.
Indexing	Subfield ‡5 is not indexed.
Printing	When printing catalog cards, subfield ‡5 does not print.

830   Series Added Entry – Uniform Title (R)

New subfield	‡5 Institution to which field applies (R)
	MARC code of the institution or organization that holds the copy to which the data in the field applies. Data in the field may not apply to the universal description of the item or may apply universally to the item but be of interest only to the location cited.
Indexing	Subfield ‡5 is not indexed.
Printing	When printing catalog cards, subfield ‡5 does not print.

Subfield ‡0 (Authority Record Control Number) redefined

Subfield redefined	0 Authority Record Control Number (R)
	Subfield ‡0 (zero) 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 appropriate MARC Organization code (for a related authority record) or the Standard Identifier source code (for a standard identifier scheme), enclosed in parentheses. See *MARC Code List for Organizations* (http://www.loc.gov/marc/organizations/orgshome.html) for a listing of organization codes and *Standard Identifier Source Codes* (http://www.loc.gov/standards/sourcelist/standard-identifier.html) for code systems for standard identifiers. Subfield ‡0 is repeatable for different control numbers or identifiers.
	Do not input subfield ‡0 in master records, instead use the control headings function.
	Local authority identifiers may be entered in subfield ‡0 locally, but should not be added to master records in WorldCat.

Subfield ‡0 appears in these fields:

100 Main Entry – Personal Name
110 Main Entry – Corporate Name
111 Main Entry – Meeting Name
130 Main Entry – Uniform Title
240 Uniform Title
600 Subject Added Entry – Personal Name
610 Subject Added Entry – Corporate Name
611 Subject Added Entry – Meeting Name
630 Subject Added Entry – Uniform Title
648 Subject Added Entry – Chronological Term
650 Subject Added Entry – Topical Term
651 Subject Added Entry – Geographic Title
654 Subject Added Entry – Faceted Topical Term
655 Index Term – Genre/Form
656 Index Term – Occupation
657 Index Term – Function
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
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

Subfield ‡8 (Field Link and Sequence Number) added to fields 082, 083, and 085

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. The structure and syntax for the field link and sequence number subfield is:

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

Linking number is the first data element in the subfield and required if the subfield is used. It is a variable-length whole number that occurs in subfield ‡8 in all fields that are to be linked. Fields with the same linking number are considered linked.

Sequence number is separated from the linking number by a period '.' and is optional. It is a variable-length whole number that may be used to indicate the relative order for display of the linked fields (lower sequence numbers displaying before higher ones). If it is used it must occur in all ‡8 subfields containing the same linking number.

Field link type is separated from preceding data by a reverse slash '\'. It is a code indicating the reason for the link and it follows the link number, or sequence number if present. Field link type is required except when ‡8 is used to link and sequence 85X-87X holdings fields. The following one-character field link type codes have been defined in MARC for use in subfield ‡8.

Field link type codes

a   Action
Links 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 relate 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.

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), 008 (Fixed-Length Data Elements: Books, Music, Serials, or Mixed Material) position 23 (Form of item), 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 ‡8 is required when this code is used.

Subfield ‡8 added to these fields:

082 Dewey Decimal Classification Number
083 Additional Dewey Decimal Classification Number
085 Synthesized Classification Number Components

Indexing

Subfield ‡8 is not indexed.

Printing

When printing catalog cards, subfield ‡8 does not print.

2   Authority Record Changes

034   Coded Cartographic Mathematical Data (R)

New subfield	‡3	Materials Specified (R)
		Information that specifies the part of the entity to which the field applies.
Indexing		New subfield ‡3 is not indexed.
Printing		When printing catalog cards, subfield ‡3 does not print.

Subfield ‡0 (Authority Record Control Number) redefined

Subfield renamed or redefined?	0 Record Control Number. Formerly, Authority Record Control 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 appropriate MARC Organization code (for a related authority record) or the Standard Identifier source code (for a standard identifier scheme), enclosed in parentheses. See *MARC Code List for Organizations* (http://www.loc.gov/marc/organizations/orgshome.html) for a listing of organization codes and *Standard Identifier Source Codes* (http://www.loc.gov/standards/sourcelist/standard-identifier.html) for code systems for standard identifiers. Subfield ‡0 is repeatable for different control numbers or identifiers.
Subfield ‡0 appears in these fields:	260 Complex *See* Reference - Subject
	360 Complex *See Also* Reference - Subject
	370 Associated Place
	372 Field of Activity
	373 Affiliation
	374 Occupation
	376 Family Information
	380 Form of Work
	381 Other Distinguishing Characteristic of Work or Expression
	382 Medium of Performance
	700 Established Heading Linking Entry – Personal Name
	710 Established Heading Linking Entry – Corporate Name
	711 Established Heading Linking Entry–Meeting Name
	730 Established Heading Linking Entry–Uniform Title
	751 Established Heading Linking Entry – Geographic Name

3 Holdings Record Changes

Fill character (|) defined in fixed fields (006 and 008)

Fill character (|) defined	|	No attempt to code (ASCII 7C hex))
		The fill character means that no attempt was made by the cataloger to supply a value for a field.

The fill character is valid in these fixed field 008 elements	06 Receipt or Acquisition Status
	07 Method of Acquisition
	08-11 Expected Acquisition End Date
	12 General Retention Policy
	13-15 Specific Retention Policy
	16 Completeness
	20 Lending Policy
	21 Reproduction Policy
	22-24 Language

007 Physical Description Fixed Field (Kit) (R)

New field

1st indicator	♭	Undefined
2nd indicator	♭	Undefined
Subfields	‡a	Category of material (007/00) (NR)

Category of material.

o Kit
One-character alphabetic code that indicates the category of material to which the item belongs is kit, which is defined as a mixture of various components issued as a unit and intended primarily for instructional purposes. No one component is identifiable as the predominant component of the item. Examples are packages of assorted materials, such as a set of K-12 social studies curriculum material (books, workbooks, guides, activities, etc.), or packages of educational test materials (tests, answer sheets, scoring guides, score charts, interpretative manuals, etc.). A fill character (|) is not allowed in this position.

‡b Specific material designation (007/01) (NR)
Special class of textual material to which an item belongs.

u Unspecified
Special material designation for the kit is not specified.

Indexing	This field is not indexed.

007 Physical Description Fixed Field (Notated Music) (R)

New field

1st indicator	♭	Undefined
2nd indicator	♭	Undefined
Subfields	‡a	Category of material (007/00) (NR)

Category of material.

q Notated Music
   One-character alphabetic code that indicates the category of material to which
   the item belongs is notated music, which is defined as graphic, non-realized
   representations of musical works, both in printed and digitized manifestations. It
   includes musical scores and/or parts, diagrammatic representations, tablature,
   instructions for chance compositions, pictures or paintings intended as musical
   compositions, square note notation, klavarskribo, chant notation, neumes, braille,
   and other ways of representing the four components of musical sound: pitch,
   duration, timbre, and loudness. Notated music is often the means for communicating
   to the performer(s) how the musical work notated therein is to be realized in sound.
   A fill character (|) is not allowed in this position.

‡b Specific material designation (007/01) (NR)
   Special class of textual material to which an item belongs.

u Unspecified
   Special material designation for notated music is not specified.

Indexing   This field is not indexed.

007 Physical Description Fixed Field (Text) (R)

New field

1st indicator	ƀ	Undefined
2nd indicator	ƀ	Undefined
Subfields	‡a	Category of material (007/00) (NR)

   Category of material.

t Text
   One-character alphabetic code that indicates the category of material to which
   the item belongs is text, which is defined as printed or manuscript material that is
   accessible to the naked eye (e.g., a book, a pamphlet, a broadside). A fill character
   (|) is not allowed in this position.

‡b Specific material designation (007/01) (NR)
   Special class of textual material to which an item belongs.

a Regular print
   Regular, eye-readable text.

b Large print
   Large print text is oversized print intended for use by the visually impaired.

c Braille
   Braille text is embossed characters that have been formed by raised dots in six-
   dot cells; braille is intended for use by the visually impaired.

d Loose-leaf
   Text in a loose-leaf binder.

u Unspecified
   Special material designation for notated music is not specified.

z Other
   None of the other codes is appropriate.

Indexing   This field is not indexed.

007 Physical Description Fixed Field (Unspecified) (R)

		New field
1st indicator	♭	Undefined
2nd indicator	♭	Undefined
Subfields	‡a	Category of material (007/00) (NR)

      Category of material.

z Unspecified

    One-character alphabetic code that indicates the category of material to which the item belongs is unspecified, which means that the item is not identified by one of the other 007 code values or that its multiple physical forms are not being specifically denoted (for instance, when the item in hand is a collection containing different material categories and an institution chooses not to input separate 007 fields for the various components). A fill character (|) is not allowed in this position.

‡b Specific material designation (007/01) (NR)

      Special class of material to which the item belongs.

m Multiple physical formats

    Multiple physical formats are involved.

u Unspecified

    Special material designation for notated music is not specified.

z Other

    None of the other codes is appropriate.

Indexing	This field is not indexed.

014 Linkage Number (R)

		New field
1st indicator		Type of linkage number

    Whether the control number contained in subfield ‡a (Linkage number) or ‡z (Canceled/invalid linkage number) is for a holdings record or for a related bibliographic record. .

0   Holdings record number

    Linkage number is the control number of a separate holdings record.

1   Bibliographic record number

    Control number is the control number of the MARC bibliographic record that is related to the separate holdings record.

2nd indicator	♭	Undefined
Subfields	‡a	Linkage number (NR)

    Control number transferred from either field 001 (Control Number) or field 004 (Control Number for Related Bibliographic Record) of a holdings record distributed by a major bibliographic network. The type of control number is identified by the value in the first indicator position.

‡b Source of number (NR)

    MARC organization code for the network whose control number contained in subfield ‡a or ‡z. For a listing of organization code sources, see Organization Code Sources (http://www.loc.gov/marc/holdings/echdorg.html).

‡z Canceled or invalid linkage number (R)

    Each canceled or invalid linkage number is contained in a separate subfield ‡z.

Indexing	Field 014 is not indexed.

561 Ownership and Custodial History (R)

New subfield	‡u	Uniform Resource Identifier (R).
		Uniform Resource Identifier (URI) that provides electronic access data in a standard syntax to an electronic bibliography cited or to the citation within an electronic bibliography. The data that is accessed by the URI contains additional information about ownership and custodial history.
Indexing		New subfield ‡u is not indexed.

4   Indexing Changes

Availability of indexing changes in Connexion interfaces

New searching and indexing capabilities: All new searching and indexing capabilities can be used in both Connexion interfaces (client and browser) when announced by OCLC in August 2011, with these exceptions:

- The Name and Title (nx=) and Provenance (pv:) indexes will install after August 21 (OCLC will announce this install).

In Connexion client, new indexes and languages will not appear in dropdown lists, but can be input manually via the command line (Client dropdown lists will be updated with new indexes in a future version of the client).

After installation, all indexing changes will gradually become apparent as WorldCat is re-indexed.

Bibiographic indexing changes

Note on master and institution records

Except where otherwise noted, bibliographic indexing changes apply to both master records and institution records (IRs).

New indexes

New index	Contains
Date Created as MARC (dm:)	Entered Date Entered (008/00-05)
	Note: Type the date in *yyyymmdd* format.
Entity Attributes (en:)	046 ‡k ‡l 380 ‡a 381 ‡a 382 ‡a 383 ‡a ‡b ‡c 384 ‡a
Physical Description (p3:)	300 ‡a

New index	Contains
Provenance (pv:)	561 ‡a ‡3 ‡5
	563 ‡a ‡3 ‡5
This index will install after August 21 (OCLC will announce this install).	These fields are indexed on this condition: Subfield ‡4 or ‡e of the field includes the code (‡4) or text (‡e) from the list of Relator codes below, in which case all the subfields listed are included in the keyword index for the field.
	100 ‡a ‡b ‡c ‡d ‡e ‡j ‡q ‡u ‡4
	110 ‡a ‡b ‡c ‡d ‡e ‡n ‡u ‡4
	111 ‡a ‡c ‡d ‡e ‡n ‡q ‡u ‡4
	700 ‡a ‡b ‡c ‡d ‡e ‡j ‡q ‡u ‡4
	710 ‡a ‡b ‡c ‡d ‡e ‡n ‡u ‡4
	711 ‡a ‡c ‡d ‡e ‡n ‡u ‡q ‡4
	Relator Codes
	ann: Annotator
	asn: Associated name
	bnd: Binder
	bsl: Bookseller
	col: Collector
	dte: Dedicatee
	dnr: Donor
	fmo: Former owner
	ins: Inscriber
	own: Owner
	rps: Repository

New Name and Title index

The new Name and Title index (nx=) combines the whole mapped phrase of the Name portion and the "&Title" portion into a single whole mapped phrase. When searching, separate the name and title with a space ampersand space: " & ").

This index will install after August 21 (OCLC will announce this install).

Leader/06	Name	&Title
All	100 ‡a ‡b ‡c ‡d ‡j ‡q	240 ‡a ‡d ‡f ‡g ‡h ‡k ‡l ‡m ‡n ‡o ‡p ‡r ‡s or 245 ‡a ‡f ‡g ‡k ‡n ‡p (if no 240)
All	110 ‡a ‡b ‡c ‡d ‡g ‡n	240 ‡a ‡d ‡f ‡g ‡h ‡k ‡l ‡m ‡n ‡o ‡p ‡r ‡s or 245 ‡a ‡f ‡g ‡k ‡n ‡p (if no 240)
All	111 ‡a ‡c ‡d ‡e ‡g ‡n ‡q	240 ‡a ‡d ‡f ‡g ‡h ‡k ‡l ‡m ‡n ‡o ‡p ‡r ‡s or 245 ‡a ‡f ‡g ‡k ‡n ‡p (if no 240)
All except Type code *j*	700 ‡a ‡b ‡c ‡d ‡j ‡q	700 ‡f ‡g ‡h ‡k ‡l ‡m ‡n ‡o ‡p ‡r ‡s ‡t or 245 ‡a ‡f ‡g ‡k ‡n ‡p (if no 700 ‡k or ‡t)

Leader/06	Name	&Title
j	700 ‡a ‡b ‡c ‡d ‡j ‡q	700 ‡f ‡g ‡h ‡k ‡l ‡m ‡n ‡o ‡p ‡r ‡s ‡t or 100 ‡a ‡b ‡c ‡d ‡j ‡q (if no 700‡k or ‡t) or 110 ‡a ‡b ‡c ‡d ‡g ‡n (if no 100) or 111 ‡a ‡c ‡d ‡e ‡g ‡n ‡q (if no 110) or 130 ‡a ‡d ‡f ‡g ‡h ‡k ‡l ‡m ‡n ‡o ‡p ‡r ‡s ‡t (if no 111) or 245 ‡a ‡f ‡g ‡k ‡n ‡p (if no 130)
All	710 ‡a ‡b ‡c ‡d ‡g ‡n	710 ‡d ‡f ‡g ‡h ‡k ‡l ‡m ‡n ‡o ‡p ‡r ‡s ‡t or 245 ‡a ‡f ‡g ‡k ‡n ‡p (if no 710 ‡k or ‡t)
All	711 ‡a ‡c ‡d ‡e ‡g ‡n ‡q	711 ‡f ‡g ‡h ‡k ‡l ‡n ‡p ‡s ‡t or 245 ‡a ‡f ‡g ‡k ‡n ‡p (if no 711 ‡k or ‡t)
All	800 ‡a ‡b ‡c ‡d ‡j ‡q	800 ‡f ‡g ‡h ‡k ‡l ‡m ‡n ‡o ‡p ‡r ‡s ‡t ‡v
All	810 ‡a ‡b ‡c ‡d ‡g ‡n	810 ‡d ‡f ‡g ‡h ‡k ‡l ‡m ‡n ‡o ‡p ‡r ‡s ‡t ‡v
All	811 ‡a ‡c ‡d ‡e ‡g ‡n ‡q	811 ‡f ‡g ‡h ‡k ‡l ‡n ‡p ‡s ‡t ‡v

Additions to indexes

Index		Now contains

Keyword (kw:)		034 ‡3
		586 ‡a
		
		All fields from publisher (pb:and pb=)
		    257 ‡a (new, see Publisher Location row at bottom of table))
		    260 ‡b ‡f
		    261 ‡a ‡b ‡e
		    262 ‡b
		    533 ‡c
		
		All fields from publisher location (pl:)
		    257 ‡a
		    260 ‡a ‡e
		    261 ‡f
		    262 ‡a
		    533 ‡b
		    752 ‡a ‡b ‡c ‡d

Material Type (mt: and mt=)	*kit* (kit)	007 Physical Description (Kit) ‡a, code *o* (kit)
	sco (score)	007 Physical Description (Notated Music), ‡a, code *q* (notated music)
	lpt (large print)	007 Physical Description (Text), ‡b, code *b* (large print)
	brl (Braille)	007 Physical Description (Text), ‡b, code *c* (Braille)
	upl (updating loose leaf)	007 Physical Description (Text), ‡b, code *d* (loose leaf).
	url (internet resource)	Computer Files (Form of Item: 008/23 & 006/06), code *o* (online)
	elc (electronic)	Computer Files (Form of Item: 008/23 & 006/06), codes *o* (online), *q* (direct electronic)
Notes (nt:)		586 ‡a
Publisher Location (pl:)		257 ‡a

Material Type indexing changes

The table below describes the Material Type indexing changes involving fields 006 and 008.

Note: The table is based on Searching WorldCat Indexes (http://www.oclc.org/support/documentation/worldcat/searching/searchworldcatindexes/default.htm#search_worldcat_materialtypes.fm).

Code	Name	Indexed values			
		Type (Leader/06)	**006**	**008**	**Other criteria**
url	Internet resource **Note:** Currently, the books format also retrieves internet resources	a, c, d, i, j, m, p, t		008/23: s or o	If 856 is present, it must have 2nd indicator 0 or ƀ and ‡u
		e, f, g, k, o, r		008/29: s or o	If 856 is present, it must have 2nd indicator 0 or ƀ and ‡u
elc	Electronic	a, c, d, i, j, m, p, t		008/23: s or o or q	
			a, c, d, i, j, m, p, t and 006/06: s or o or q		
		e, f, g, k, o, r		008/29: s or o or q	
			e, f, g, k, o, r and 006/12: s or o or q		

5 MARC Code List Changes

Availability of codes in Connexion interfaces

New codes: These may be used in both Connexion interfaces when announced by OCLC in August 2011, as follows. In the Connexion browser, new fixed field codes will appear in dropdown lists. For the Connexion client, a few days after the installation of these changes, users will receive an email announcement that the next time they log on with the client they will be prompted to download new validation tables that will include the new codes in fixed field drop-down lists.

New and changed language codes

Fields and subfields where codes are valid

Language codes are valid in these fields and subfields:

Format	Field/subfield
Bibliographic	Lang (008/35-37) 040 ‡b 041 242 ‡y 775 ‡e
Authority	040 ‡b 377 ‡a
Holdings	Lang (008/22-24) 040 ‡b

Indexing

All new language terms are indexed in the Language (la) index.

Connexion

There may be discrepancies between the Connexion client and browser in Language bibliographic search menus.

● The drop-down list in the *Lang* fixed field will be updated when the online changes are installed. Connexion client users will be prompted to download new validation tables that will add new codes to and delete obsolete codes from the drop-down list for the fixed field.

● For searching, new and changed language names will not appear in the Search WorldCat dropdown list until a future version of the client is released. Until then, they can be input manually via the command line.

For current list of language codes and names, see the MARC Code List for Languages (http://www.loc.gov/marc/languages/). Any language code in the MARC Code List for Languages that does not appear in either search or fixed field dropdown lists (in either Connexion interface) can be input manually.

Changed language names (code captions)	These are changes to MARC coding practice, not to any OCLC system.	

Old language name	New language name	Corresponding language name
Himalchi	Western Pahari languages	him: Western Pahari languages
Kumauni	Kumaoni	inc: Indic (Other)
Makua	Makhuwa	bnt: Bantu (Other)
Zway	Zay	sem:Semitic (Other)
Atsera	Adzera	map: Austronesian (Other)
Kituba	Kituba (Congo (Democratic Republic))	crp: Creoles and Pidgins (Other)
Aragonese Spanish	Aragonese	arg: Aragonese

Changed collective code assignments	These are changes to MARC coding practice, not to any OCLC system.	

Language name	Old coded corresponding language name	New coded corresponding language name
Samo (West Africa)	afa: Afroasiatic (Other)	nic: Niger-Kordofanian (Other)

New Relator Codes

Fields and subfields where codes are valid

Relator codes are valid in these bibliographic fields and subfields:

Field/subfield			
100 ‡4	650 ‡4	700 ‡4	796 ‡4
110 ‡4	651 ‡4	710 ‡4	797 ‡4
111 ‡4	654 ‡4	711 ‡4	798 ‡4
270 ‡4	662 ‡4	720 ‡4	800 ‡4
600 ‡4	696 ‡4	751 ‡4	810 ‡4
610 ‡4	697 ‡4	790 ‡4	811 ‡4
611 ‡4	698 ‡4	791 ‡4	896 ‡4
630 ‡4	699 ‡4	792 ‡4	897 ‡4
			898 ‡4

Below are the new codes. For the full list, see Relator Codes (http://www.loc.gov/marc/relators/relacode.html)

New code	Relator term	Definition
blw	Blurb writer	Use for the named entity responsible for writing a commendation or testimonial for a work, which appears on or within the publication itself, frequently on the back or dust jacket of print publications or on advertising material for all media.
clr	Colorist	Use for the named entity responsible for applying color to drawings, prints, photographs, maps, moving images, etc.
con	Conservator	Use for the named entity responsible for documenting, preserving, or treating printed or manuscript material, works of art, artifacts, or other media. **Note:** Use for "Preservationist."
dbp	Distribution place	Use for the name of a place from which a resource, e.g., a serial, is distributed.

New code	Relator term	Definition
evp	Event place	Use for the name of the place where an event such as a conference or a concert took place.
mfp	Manufacture place	Use for the name of the place of manufacture (e.g., printing, duplicating, casting, etc.) of a resource in a published form.
mrb	Marbler	Use for the named entity responsible for marbling paper, cloth, leather, etc. used in construction of a resource.
prp	Production place	Use for the name of the place of production (e.g., inscription, fabrication, construction, etc.) of a resource in an unpublished form.
pup	Publication place	Use for the name of the place where a resource is published.
uvp	University place	Use for the name of a place where a university that is associated with a resource is located, for example, a university where an academic dissertation or thesis was presented.

New Cartographic Data Source Codes

Cartographic source codes are located in these fields:

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

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

New code	Bibliographic citation
erpn	Scott, Andrew. The encyclopedia of raincoast place names: a complete reference to coastal British Columbia (Madeira Park, BC: Harbour Publishing)
nzpnd	New Zealand place names database (New Zealand Geographic Board Nga Pou Taunaha o Aotearoa (NZGB)) (http://www.linz.govt.nz/placenames/find-names/topographic-names-db/index.aspx)
wpntpl	Washington Place Names (Tacoma Public Library) (http://search.tacomapubliclibrary.org/wanames/wpnv2.asp)

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 are the new codes. For the full list, see Classification Scheme Source Codes (http://www.loc.gov/standards/sourcelist/classification.html). **Note:** The Library of Congress has changed its practice on using these codes. For details, see the Introduction section at the link.

New code	Bibliographic citation
bisacsh	BISAC Subject Headings (http://www.bisg.org/activities-programs/activity.php?n=d&id=73&cid=20)
jelc	Journal of economic literature (JEL) classification (http://www.aeaweb.org/journal/jel_class_system.php)
knt	Klassifikasjonsnøkkel til norsk topografi / av Vegard Elvestrand (Trondheim: Universitetsbiblioteke)
niv	Norsk inndeling av vitenskapsdisipliner (Norway: Universitets- og høgskolerådet)
oosk	Oversikt over systematisk katalog (Norway: Universitetsbiblioteket i Bergen)
mu	Clasificación Musical de la Bibliografía Nacional de España (Madrid: Biblioteca Nacional de España)
ubtkl/2 (formerly klasskj)	Klassifikasjonsskjem (Trondheim: Fellesbiblioteket, Kongelige Norske videnskabers selskab, Museet, Norges lærhøgskole)
utk	University of Oslo Library Classification (Oslo: Universitetet i Oslo))

New Description Convention Source Codes

Desciption 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
iosr	"Instruktsiia po opisaniiu slaviano-russkikh rukopisei XI-XIV vv. dlia Svodnogo kataloga rukopisei, khraniashchikhsia v SSSR" in Arkheologicheskii ezhegodnik za 1975 god. (Moskva: Izd-vo Akademii)
katreg	Katalogiseringsregler: Anglo-American cataloguing rules, second edition / oversatt og bearbiedet for Norske forhold ved Inger Cathrine Spangen (Oslo: Nasjonalbiblioteket)
local	Locally defined or unknown cataloging rules
ncr	Nippon cataloging rules (Tokyo: National Diet Library)

Genre/Form Code and Term Source Codes

Genre/form 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
	755 ‡2
	785 ‡2
Holdings	337 ‡2
	338 ‡2

Below are the new and changed codes. For the full list, see Genre/Form Code and Term Source Codes (http://www.loc.gov/standards/sourcelist/genre-form.html). **Note:** The Library of Congress has changed its practice on using these codes. For details, see the Introduction section at the link.

Code	Bibliographic citation	Former code
barngf	Svenska ämnesord för barn - Genre/Form (Stockholm: Kungliga Biblioteket)	n/a
gatbeg	Gattungsbegriffe (Leipzig & Frankfort: Deutsche Nationalbibliothek)	n/a
lcgft	Library of Congress genre/form terms for library and archival materials (Washington, DC: Library of Congress, Cataloging Distribution Service)	n/a
rdacarrier	Term and Code List for RDA Carrier Types (http://www.loc.gov/standards/valuelist/rdacarrier.html)	marccarrier
rdacontent	Term and Code List for RDA Content Types (http://www.loc.gov/standards/valuelist/ rdacontent.html)	marccontent
rdamedia	Term and Code List for RDA Media Types (http://www.loc.gov/standards/valuelist/rdamedia.html)	marcmedia
saogf	Svenska ämnesord - Genre/Form (Stockholm: Kungliga Biblioteket)	n/a

New MARC Authentication Code

MARC authentication codes are located in these fields:

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

Below is the new code. For the full list, see Authentication Codes (http://www.loc.gov/standards/valuelist/marcauthen.html)

New code	Definition
croatica	Croatian National Bibliography The *croatica* code signifies that the descriptive elements have been edited and all headings were verified against the relevant authority file to prepare the record for inclusion in the Croatian National Bibliography

New Standard Identifier Source Code

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 the full list, see Standard Identifier Source Codes (http://www.loc.gov/standards/sourcelist/standard-identifier.html).

New code	Bibliographic citation
isni	International standard name identifier (ISNI) (Geneva: International Organization for Standardization)
itar	ITAR (Importtjeneste og autoritetsregistre) (http://dbh.nsd.uib.no/kanaler/)

New Subject Heading and Term Source Codes

Subject heading and term source codes are located in these fields. For more information, see Subject Heading and Term Source Codes (http://www.loc.gov/standards/sourcelist/subject.html).

Format	Field/subfield
Bibliographic	033 ‡2
	257 ‡2
	380 ‡2
	381 ‡2
	518 ‡2
	600-651 ‡2
	654 ‡2
	662 ‡2
	690 ‡2
	691 ‡2
	696 ‡2
	697 ‡2
	751 ‡2
	752 ‡2
Authority	040 ‡f
	370 ‡2
	372 ‡2
	373 ‡2
	376 ‡2
	380 ‡2
	381 ‡2
	700-788 ‡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). **Note:** The Library of Congress has changed its practice on using these codes. For details, see the Introduction section at the link.

New code	Bibliographic citation
ccsa	Catalogue collectif suisse des affiches (Berne: Bibliothèque nationale suisse)
gccst	Government of Canada core subject thesaurus (Gatineau [Quebec]: Library and Archives Canada) (http://www.thesaurus.gc.ca/recherche-search/thes-eng.html)
gnd	Gemeinsame Normdatei (Leipzig: Deutsche Nationalbibliotheke)
humord	HUMORD (Norway: Universitetsbibliotekene i Oslo, Bergen og Tromsø)
jurivoc	JURIVOC (Lausanne: Tribunal fédéral)
ndlsh	Kokuritsu Kokkai Toshokan kenmei hyômokuhyô = National Diet Library list of subject headings (Tokyo: Kokuritsu Kokkai Toshokan)
	Note: Former code for this source was *ndllsh*; replaced April, 2011.
noubojur (formerly, noubojor)	Thesaurus of Law (Norway: Universitetsbiblioteket i Oslo)

New code	Bibliographic citation
noubomn (formerly nobomn)	University of Oslo Library Thesaurus of Science (Realfagstermer) (Norway: Universitetsbiblioteket i Oslo)
norbok	Norbok: emneord i Norsk bokfortegnelse (Norbok) (Oslo: Nasjonalbiblioteket) (http://www.nb.no/baser/norbok/emneord.html)
samisk	Sámi bibliografia (Norga) = Samisk bibliografi (Norge) = Sami bibliography (Norway) (Oslo: Nasjonalbiblioteket) (http://www.nb.no/baser/samisk/emneord-samisk.html)
solstad	Solstad: emneord for Solstadbibliografien (Oslo: Nasjonalbiblioteket)
shsples	Subject headings for school and public libraries = Encabezamientos de materia para bibliotecas escolares y públicas (Santa Barbara, Calif.: Libraries Unlimited)
tekord	TEK-ord : UBiTs emneordliste for arkitektur, realfag, og teknolog (Norway: Universitetsbiblioteket i Trondheim.)

New National Bibliography Number Source Code

Content advice classification source codes are located in these fields:

Format	Field/subfield
Bibliographic	015 ‡2

Below is the new code. For the full list, see Caption Abbreviation Source Codes (http://www.loc.gov/standards/sourcelist/national-bibliography.html)

New code	Bibliographic citation
jnb	Japanese National Bibliography (Tokyo: National Diet Library) (http://www.bbfc.co.uk/) **Note:** Former code for this source was *kktzm*; replaced April, 2011.

6 006 Template and Fixed Field Display Changes

Typographic conventions

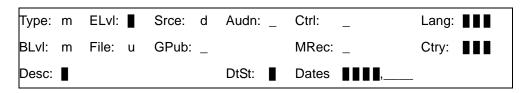In the sections below on the fixed fields and field 006, the underscore (_) represents an undefined element. The block(▉) represents the fill character.
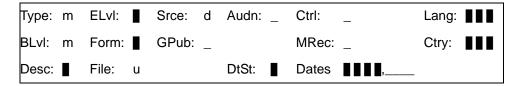
Connexion

Fixed Field - Computer File- Mnemonic

Revised elements (identical in Connexion client and browser).

Old

Type: m	ELvl: ▉	Srce: d	Audn: _	Ctrl: _		Lang: ▉▉▉
BLvl: m	File: u	GPub: _		MRec: _		Ctry: ▉▉▉
Desc: ▉			DtSt: ▉	Dates ▉▉▉▉,____		

New

Type: m	ELvl: ▉	Srce: d	Audn: _	Ctrl: _		Lang: ▉▉▉
BLvl: m	Form: ▉	GPub: _		MRec: _		Ctry: ▉▉▉
Desc: ▉	File: u		DtSt: ▉	Dates ▉▉▉▉,____		

Field 006 - Computer File - Guided Entry

There are no changes to the field 006 Computer File guided entry in either Connexion interface.

Browser: Old

Audn:_	File:u	GPub:_

Browser: New

Audn:_	Form: ▉	File:u	GPub:_

Client

Old

Type:m
Audn:_
File:u
GPub:_

New

Type:m
Audn:_
Form:▉
File:u
GPub:_

Technical Bulletins Online

Introduction   This section covers retrieving technical bulletins in electronic form.

WWW   To access technical bulletins on the OCLC Web site:

	Action
1	Type *http://www.oclc.org/support/documentation/technicalbulletins/* in the address bar of your Web browser.
2	Click the name of the technical bulletin you want to view.

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

Action
Type *https://www3.oclc.org/oclc/app/listserv/* in the address bar of your Web browser. Click Submit after you complete the form. Or Type *subscribe techbul-l* in the body of an e-mail message and send it to ***listserv@oclc.org***. To unsubscribe, type *unsubscribe techbul-l* in the body of an e-mail message, and send it to ***listserv@oclc.org*** or use the Internet List Request form.

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Current OCLC Technical Bulletins

The list below is current as of August 2011. Technical Bulletins not listed are obsolete. Please discard them or mark them as obsolete.

Reminder: Effective March 20, 2003, OCLC discontinued issuing printed copies of technical bulletins.

No.	Date	Title	OCLC Documentation Affected
260	1108	*OCLC-MARC Format Update 2011*	*Bibliographic Formats and Standards*, *OCLC-MARC Records*, Connexion browser Help, Connexion client Help, *Searching WorldCat Indexes*, *OCLC Local Holdings Format and Standards*, *Authorities: Format and Indexes*
259	1104	*Authorities System Changes*	Connexion browser Help, Connexion client Help, *Connexion Client Authorities Quick Reference, Authorities: Format and Indexes*
258	1005	*OCLC-MARC Format Update 2010*	*Bibliographic Formats and Standards*, *OCLC-MARC Records*, Connexion browser Help, Connexion client Help, *Searching WorldCat Indexes*, *OCLC Local Holdings Format and Standards*, *Authorities: Format and Indexes*
257	0709	*OCLC-MARC Format Update 2009*	*Bibliographic Formats and Standards*, *OCLC-MARC Records*, Connexion browser Help, Connexion client Help, *Searching WorldCat Indexes*, *OCLC Local Holdings Format and Standards*, *Authorities: Format and Indexes*
256	0708	*Abbreviated-level Record Guidelines*	*Bibliographic Formats and Standards*, Connexion browser Help, Connexion client Help
255	0508	*OCLC-MARC Format Update 2008*	*Bibliographic Formats and Standards*, *OCLC-MARC Records*, Connexion browser Help, Connexion client Help
254	0507	*OCLC-MARC Formate Update 2007 and Instiution Recod Changes*	*Bibliographic Formats and Standards*, *OCLC-MARC Records*, Connexion browser Help, Connexion client Help
253	0906	*ISBN and OCLC Number Changes*	*Authorities: Format and Indexes*
252	0506	*OCLC-MARC Format Update 2006*	*Authorities: Format and Indexes*
250	0310	*Parallel Records*	*Enhance Training Outline*
249	0304	*OCLC-MARC Format Update 2003*	*Authorities: Format and Indexes*, *OCLC-MARC Records*
247	0211	*OCLC-MARC Format Update 2002*	*Cataloging Electronic Resources: OCLC-MARC Coding Guidelines*, *OCLC-MARC Records*