

Conventions

Technical Bulletin 249 OCLC-MARC Format Update 2003

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About Technical Bulletin 249

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Why read this?	To learn about changes to OCLC-MARC records based on:			
	• MARC 21 Format for Bibliographic Data Update 3 (October 2002)			
	• MARC 21 Format for Authority Data Update 3 (October 2002)			
	MARC Code List Technical Notices			
Record processing information	Sections 1, 2 and 3 describe changes that may affect local system processing OCLC-MARC records.	g of		
Route to	Cataloging and local system or automation staff.			
Online Installation	May 2003. OCLC will announce installation via a logon Message-of-the-Da System News.	ıy or		
OCLC micro products	OCLC Cataloging Micro Enhancer® for Windows software, OCLC CJI software and OCLC Arabic Cataloging software: Changes will be implement the validation tables downloaded to users when the online changes are installed.	nented in		
Support	Contact your OCLC regional service provider or the user training developm manager at OCLC if you are an independent institution.	ent		
	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			
OCLC System Help	OCLC System Help will incorporate these changes to coincide with the syst implementation.	em		
Documentation affected	Authorities User Guide, Bibliographic Formats and Standards, Connexion Help, OCLC Cataloging Service User Guide, OCLC Input Standards Tables, OCLC-MARC Records and Searching WorldCat User Guide			

Throughout the technical bulletin, \mathbf{R} = Repeatable and $\mathbf{N}\mathbf{R}$ = Nonrepeatable.

1

1 Bibliographic Record Changes

Audn Target Audience (BKS, VIS, SCO, REC, COM 008/22; 006/05)

Codes renamed/ redefined

c Pre-adolescent

Formerly, Elementary and junior high

The item is intended for young people, approximate ages 9–13 years.

d Adolescent

Formerly, Secondary (senior high)

The item is intended for young people, approximate ages 14–17 years.

Codes redefined

a Preschool

The item is intended for children, approximate ages 0–5 years.

b Primary

The item is intended for children, approximate ages 6–8 years.

j Juvenile

c

The item is intended for children and young people, approximate ages 0–15 years. Use when a more specific code for the juvenile target audience is **not** desired.

Cont Nature of Contents (BKS 008/24-27; 006/07-10 | SER 008/25-27; 006/08-10)

Code defined

u Standards/specifications

An item is either a national, international or industry standard or a specification giving a precise statement of a process or a service requirement.

DtSt Type of Date/Publication Status (BKS, VIS, MIX, MAP, SCO, REC, COM 008/06)

Codes renamed/redefined

Continuing resource currently published

Formerly, Serial item currently published

The continuing resource is currently being published. Currently published is defined as an item for which an issue has been received within the last three years.

d Continuing resource ceased publication

Formerly, Serial item ceased publication

Either new issues of a continuing resource have ceased to be published or a change in author or title has caused a successive entry record to be created.

u Continuing resource status unknown

Formerly, Serial item status unknown

No clear indication exists that the publication of the continuing resource has ceased.

EntW Nature of Entire Work (SER 008/24; 006/07)

Code defined

u Standards/specifications

An item is either a national, international or industry standard or a specification giving a precise statement of a process or a service requirement.

ISSN ISSN Center (SER 008/20; 006/03)

Code defined

2 United Kingdom

The ISSN Network data have been assigned or are maintained by the ISSN UK Center in the United Kingdom.

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

Field

renamed/redefined

Physical Description Fixed Field (Electronic Resource) (R) Required if applicable Formerly, *Physical Description Fixed Field (Computer File)*The physical characteristics of an electronic resource.

Subfield ‡a code c renamed/redefined

‡a Category of material (007/00) (NR)

Mandatory

c Electronic resource

Formerly, Computer file

The category of material to which the item belongs is electronic resource (e.g., data files, digitized audio and video tapes, images files or programs) and which usually consist of digitized machine-readable data, program codes, etc., intended to be accessed, processed or executed by a computer.

Subfield ‡j code c renamed/redefined

‡i Antecedent/Source (007/11) (NR)

Optional

c File reproduced from an electronic resource

Formerly, *File reproduced from a computer file*

The electronic resource has been created or copied from an existing electronic resource (e.g., to generate new copies or derivative copies with lower resolution or smaller files size; to process an existing file with Optical Character Recognition (OCR) software; etc.).

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

Subfield ‡k redefined

‡k Kind of material (007/10) (NR) **Optional**

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

Subfield ‡k codes defined

b Cellulose nitrate

The item is a cellulose nitrate base. Use for items such as memovox discs.

Acetate tape with ferrous oxide c

> The item is an acetate base with a ferrous oxide coating. Use for acetate tape and belts, such as magnabelts.

Glass with lacquer g

The item is a glass disc base with a lacquer coating.

Aluminum with lacquer i

The item is an aluminum disc base with a lacquer coating.

Paper with lacquer or ferrous oxide

The item is a paper or cardboard disc, tape or cylinder base with a lacquer or ferrous oxide coating.

The item cannot be described by any of the available codes.

Subfield ‡k codes renamed/redefined

Lacquer coating

The item is lacquered coated, but the base material on which the lacquer is applied is **not** identified. To also identify the base, use codes g (Glass with lacquer), i (Aluminum with lacquer) or r (Paper with lacquer or ferrous oxide).

Plastic with metal

The item is made of a plastic base with a metal coating. The metal part of such an item is often a thin layer applied to the plastic base. Use for compact audio discs (CDs).

Subfield ‡k code invalidated

Not applicable

Obsolete. Do not use.

011 **Linking Library of Congress Control Number (NR)**

Field invalidated

011 Linking Library of Congress Control Number (NR) Obsolete. Do **not** use.

Invalid

Metadata Content Management staff will scan for records and manually delete any remaining 011 fields.

026 Fingerprint Identifier (R)

Field defined

026 Fingerprint Identifier (R)

Optional

Use to assist in the identification of antiquarian books by recording information comprising groups of characters taken from specified positions on specified pages of the book, in accordance with the principles laid down in various published guidelines. Identify the guidelines in subfield ‡2. Record fingerprints in a parsed form by using subfield ‡a through ‡d or as a single string of characters in subfield ‡e.

1st indicator defined

Undefined. The 1st indicator is undefined and contains a blank (b).

b Undefined

2nd indicator defined

Undefined. The 2nd indicator is undefined and contains a blank (\(\beta\)).

b Undefined

Subfields defined

- ‡a First and second groups of characters (R) Required if applicable The first and second groups of characters comprising a fingerprint identifier.
- Third and fourth groups of characters (R)

 Required if applicable
 The third and fourth groups of characters comprising a fingerprint identifier.
- ‡c Date (NR) Required if applicable The date when expressed as part of a fingerprint identifier.
- ‡d Number of volume or part (R) Required if applicable The number of volume or part when expressed as part of a fingerprint identifier.
- ‡e Unparsed fingerprint (NR) Required if applicable A complete unparsed fingerprint identifier.
- ‡2 Source (NR) Required if applicable The code that identifies the guidelines followed to establish the fingerprint. See *MARC Code Lists for Relators, Sources, Description Conventions*.
- ‡5 Institution to which field applies (R) Required if applicable The code of the institution or organization that holds the copy to which the field applies. Use for notes that do **not** apply to the universal description of the item. See MARC Code List for Organizations or Symbols and Interlibrary Loan Policies in Canada.

Indexing

Field 026 is **not** indexed.

Printing

Field 026 does not print.

034 Coded Cartographic Mathematical Data (R)

Subfields redefined

‡d	Coordinates—westernmost longitude (NR)	Required if applicable
‡e	Coordinates—easternmost longitude (NR)	Required if applicable
‡f	Coordinates—northernmost latitude (NR)	Required if applicable
‡g	Coordinates–southernmost latitude (NR)	Required if applicable

The coordinates may be recorded in the form *hdddmmss* (hemisphere, degrees, minutes, seconds), however, **other forms are also now allowed, such as decimal degrees**. The subelements are each right justified and unused positions contain zeros.

Formerly, coordinates in the listed subfields were only recorded in the form *hdddmmss*.

046 Special Coded Dates (NR)

Subfields defined

- ‡j Date resource modified (NR) Required if applicable The date on which a resource has been modified. Dates in subfield ‡j usually relate to Web pages and other electronic media that routinely record the date of the last update.
- ‡k Beginning or single date created (NR) Required if applicable The date or beginning of the date range on which a resource has been created when it is **not** more appropriately recorded in another field. Dates recorded in subfield ‡k may **not** be coded elsewhere.
- ‡1 Ending date created (NR) Required if applicable The ending date of a date range on which a resource has been created.
- ‡m Beginning of date valid (NR) Required if applicable The beginning of a date span for the validity of a resource.
- ‡n End of date valid (NR) Required if applicable The ending of the date span for the validity of a resource.
- ‡2 Source of date (NR) Required if applicable The code that identifies the source of the date scheme used in the field. See *MARC Code Lists for Relators, Sources, Description Conventions*.

052 Geographic Classification (R)

1

1st indicator value invalidated

U.S. Department of Defense Classification Obsolete. Do **not** use.

1st indicator value defined

U.S. Department of Defense Classification
The geographic classification code is from the U.S. Department of Defense
Classification System.

Former Title (R) 247

Field 247 Former Title (R) Required if applicable renamed/redefined

Formerly, Former Title or Title Variations

A former title proper. Use when one cataloging record represents several titles

associated with an entity.

Subfield ‡a ‡a Title Mandatory renamed/redefined

Formerly, Title proper/Short title

The title proper and alternative title, excluding the designation of the number

or name of a part.

506 **Restrictions on Access Note (R)**

Subfield defined ‡u Uniform Resource Identifier (R) **Optional**

> The Uniform Resource Identifier (URI), for example a URL or URN, which provides electronic access data in a standard syntax. Use this data for automated access to an electronic item using one of the Internet protocols.

Connexion • Field added to the URL Word and URL Phrases indexes.

• Field added to the URL verification functionality.

538 System Details Note (R)

Subfield defined Uniform Resource Identifier (R) **Optional** ‡u

> The Uniform Resource Identifier (URI), for example a URL or URN, which provides electronic access data in a standard syntax. Use this data for automated access to an electronic item using one of the Internet protocols.

Note: The addition of subfield ‡u to field 538 was approved in January 2003 and has **not** yet been published in an update to MARC 21 Format for Bibliographic Data. OCLC is implementing it at this time in support of the Digital Library Federation's

Digital Library Registry.

Connexion • Field added to the URL Word and URL Phrases indexes.

• Field added to the URL verification functionality.

540 Terms Governing Use and Reproduction Note (R)

Subfield defined Uniform Resource Identifier (R) ‡u **Optional**

> The Uniform Resource Identifier (URI), for example a URL or URN, which provides electronic access data in a standard syntax. Use this data for automated access to an electronic item using one of the Internet protocols.

Connexion • Field added to the URL Word and URL Phrases indexes.

• Field added to the URL verification functionality.

563 Binding Information (R)

Field defined

563 Binding Information (R)

Optional

Use for binding information for primarily antiquarian materials, rare books and other special collections. Do **not** use for serials bound together after publication for shelving and storage purposes.

1st indicator defined

Undefined. The 1st indicator position is undefined and contains a blank (\(\beta\)).

b Undefined

2nd indicator defined

Undefined. The 2nd indicator position is undefined and contains a blank (b).

b Undefined

Subfields defined

‡a Binding note (NR) Binding information.

Mandatory

tu Uniform Resource Identifier (R) Optional
The Uniform Resource Identifier (URI), for example a URL or URN, which
provides electronic access data in a standard syntax. Use this data for
automated access to an electronic item using one of the Internet protocols.

‡3 Materials specified (NR)

Optional

The portion of the binding that is described in the field.

Institution to which field applies (NR)
Required if applicable
The code of the institution or organization that holds the copy to which the
field applies. Use for notes that do **not** apply to the universal description of the
item. See MARC Code List for Organizations or Symbols and Interlibrary
Loan Policies in Canada.

Connexion

- Field added to the URL Word and URL Phrases indexes.
- Field added to the URL verification functionality.

Printing

Field 563 prints as a note. Subfields ‡a and ‡3 print. Subfields ‡u and ‡5 do **not**

print.

655 Index Term-Genre/Form (R)

2nd indicator renamed/redefined

Thesaurus. The subject heading system or thesaurus used in constructing the genre or form term.

Formerly, Source of term

Note: The previous practice for indicating the source of a genre heading was to use 2nd indicator value 7 (Source specified in subfield ‡2) and identify the MARC code for the source list in subfield ‡2. With the new practice, in addition to value 7, specific thesauri are now identified with 2nd indicator values. Users may use either the new or the previous practice to indicate the source of genre headings. Both are still valid.

2nd indicator values defined

- O Library of Congress Subject Heading
 The genre or form term conforms to the *Library of Congress Subject Headings*(LCSH).
- 1 LC Subject Heading for Children's Literature
 The genre or form term conforms to the "AC Subject Headings" section of LCSH.
- 2 Medical Subject Heading The genre or form term conforms to the National Library of Medicine (NLM) authority file.
- National Agricultural Library Subject Authority File
 The genre or form term conforms to the National Agricultural Library (NAL) subject authority file.
- 4 Source not specified

The genre or form term conforms to a controlled list, but the source cannot be specified by one of the subject heading systems or thesauri covered by the other 2nd indicator values or by a code for a list in subfield \$\dpm2\$.

- 5 Canadian Subject Heading
 The genre or form term conforms to *Canadian Subject Headings*.
- Répertoire de vedettes-matière
 The genre or form term conforms to the *Répertoire de vedettes-matière* maintained by the Bibliothèque de l'Université de Laval.

776 Additional Physical Form Entry (R)

2nd indicator value b renamed

Available in another form
Formerly, Available in other form or Issued in other form

852 Location (R)

Subfield
repeatability
statuses changed‡kCall number prefix (R)
‡mRequired if applicable
Call number suffix (R)
Formerly, the listed subfields were Nonrepeatable

891 Publication Pattern Data (R)

Subfields defined

- ‡n Pattern note [Only valid for fields 853–855] (NR) Optional An explanatory note citing the specific year and issue used to prepare the regularity pattern coding expressed in the field.
- **P Number of pieces of issuance [Only valid for fields 853–855] (NR) Optional A numeric value that represents the number of physical parts or pieces received per issuance. This technique allows for describing the behavior of items issued in parts. Subfield **p is only coded in cases where the number of parts or pieces is different from the publishing frequency expressed in subfield **pw. Place all codable frequency information in subfield **pw.
- ‡p Piece designation [Only valid for fields 863–865] (NR) Optional An identification of a piece. The designation may be an identification number such as a bar code number or an accession number.

2 Authority Record Changes

065 Other Classification Number (R)

065

Field defined

Other Classification Number (R)

A classification number assigned by a cataloging agency using a scheme other than the *Library of Congress Classification* scheme or the classification systems of the National Library of Canada, the National Library of Medicine, the National Agricultural Library, the U.S. Government Printing Office and the U.S. Department of Defense. Do **not** use for classification numbers assigned from a source for which a subfield ‡2 source of number code would **not** be assigned.

1st indicator defined

Undefined. The 1st indicator position is undefined and contains a blank (b).

b Undefined

2nd indicator defined

Undefined. The 2nd indicator position is undefined and contains a blank (b).

b Undefined

Subfields defined

- ‡a Classification number element–single number or beginning number of span (NR) Mandatory A single class number or the first number in a number span.
- the Classification number element—ending number of span (NR)

 Required if applicable The ending number of a number span when the beginning number of the span is recorded in subfield ‡a.
- ‡c Explanatory term (NR) Optional A descriptive term or phrase that specifies the topic of the class number. Normally, such a phrase is used to differentiate between two or more class numbers associated with the heading.
- ‡2 Number source (NR) Required if applicable A code for the source of the classification scheme. See *MARC Code Lists for Relators, Sources, Description Conventions*.
- ‡5 Institution to which field applies (R) Required if applicable The code of the institution or organization that has added a tracing, reference or linking entry field to an authority file record. Use for institution-specific information that may or may **not** apply to the universal use of the authority record. See *MARC Code List for Organizations* or *Symbols and Interlibrary Loan Policies in Canada*.

670 Source Data Found (R)

Subfield defined

tu Uniform Resource Identifier (R) Optional The Uniform Resource Identifier (URI), for example a URL or URN, which provides electronic access data in a standard syntax. Use this data for automated access to an electronic item using one of the Internet protocols.

748 Established Heading Linking Entry-Chronological Term (R)

Field defined

748 Established Heading Linking Entry–Chronological Term (R) Optional A chronological term that is equivalent to the 148 chronological term or 182 chronological subdivision heading field of the same record. Field 748 links headings within a system or from different thesauri or authority files.

1st indicator defined

Undefined. The 1st indicator position is undefined and contains a blank (b).

b Undefined

2nd indicator defined

Thesaurus. The name and/or subject heading system or thesaurus used in constructing the heading.

- O Library of Congress subject heading/Name authority file
 The heading conforms to the *Library of Congress Subject Headings* (LCSH)
 file and/or the Name Authority Cooperative (NACO) file.
- 1 LC subject heading for children's literature
 The heading conforms to the "AC Subject Headings" section of LCSH.
- 2 Medical subject heading/NLM name authority file The heading conforms to *Medical Subject Headings* (MeSH) and/or the National Library of Medicine (NLM) authority file.
- National Agricultural Library subject authority file
 The heading conforms to the U.S. National Agricultural Library (NAL) subject authority file.
- 4 Source not specified

The heading conforms to a controlled list, but the source cannot be specified by one of the thesaurus or subject heading systems covered by the other 2nd indicator values or by a code for a specific subject heading listed in subfield ‡2.

- 5 Canadian subject heading/NLC name authority file
 The heading conforms to *Canadian Subject Headings* and/or the National
 Library of Canada name authority file.
- Répertoire de vedettes-matière
 The heading conforms to the *Répertoire de vedettes-matière* maintained by the Bibliothèque de l'Université de Laval.
- 7 Source specified in subfield \$\pm\$2
 The heading conforms to a controlled list other than that specified by one of the other defined values and for which an identifying MARC code is added in subfield \$\pm\$2.

Subfields defined

- ‡a Chronological term (NR) Mandatory
 A chronological term used as an entry element.
- ‡v Form subdivision (R) Required if applicable A form subdivision that designates a specific kind or genre of material as defined by the thesaurus being used. Use only when a form subject subdivision is added to a main term to form an extended heading.

748 Established Heading Linking Entry-Chronological Term (R) (continued)

Subfields defined (continued)

‡w Control subfield (NR)

Required if applicable Up to two character positions that control the generation of a link display or indicates the complexity of a heading. Use subfield ‡w only if the display is to be suppressed or the replacement of a heading should be reviewed.

/0 Link display

A one-character code that controls the suppression of a link display:

- a Link **not** displayed
- b Link **not** displayed, field 788 used
- c Link **not** displayed, non-7xx field used
- n Not applicable
- /1 Replacement complexity

A one-character code that indicates the possibility of automatic replacement of a heading:

- a Heading replacement does **not** require review
- b Heading replacement requires review
- n Not applicable
- General subdivision (R) Required if applicable ‡x A subject subdivision that is **not** more appropriately recorded in subfield ‡v, ‡y and ‡z. Use subfield ‡x only when a general topical subject subdivision is added to a main term to form an extended heading.
- Chronological subdivision (R) Required if applicable ‡y A subject subdivision that represents a period of time. Use subfield ‡y only when a chronological subject subdivision is added to the main term to form an extended heading.
- ‡z Geographic subdivision (R) Required if applicable A geographic subject subdivision. Use ‡z only when a geographic subject subdivision is added to a main term to form an extended heading.
- **±**0 Record control number (R) Required if applicable The system control number of the related authority record preceded by the MARC code, enclosed in parentheses for the system to which the control number applies. See MARC Code List for Organizations or Symbols and Interlibrary Loan Policies in Canada.
- **‡**2 Source of heading or term (NR) Required if applicable The source of a heading or term when the 2nd indicator position is value 7.
- **±**5 Institution to which field applies (R) Required if applicable The MARC code of the institution or organization that has added a tracing, reference or linking entry field to an authority file record. Use for institutionspecific information that may or may **not** apply to the universal use of the authority record. See MARC Code List for Organizations or Symbols and Interlibrary Loan Policies in Canada.

3 Additional Changes for OCLC-MARC Records

Note: Changes apply only to exported records or records received through the OCLC-MARC Subscription service.

Record Length (All Formats Leader/00–04)

Leader renamed Record Length

Formerly, Logical Record Length

018 Copyright Article-Fee Code (NR)

Subfield defined \$\\$\\$\$ \$t\$ Linkage (NR) Required if applicable

Data to link fields that are different script representations of each other. Use for the tag number of the linking field, the occurrence number, the script

identification code and the field orientation code.

026 Fingerprint Identifier (R)

Subfield defined \$\frac{1}{2}6\$ Linkage (NR) Required if applicable

Data to link fields that are different script representations of each other. Use for the tag number of the linking field, the occurrence number, the script

identification code and the field orientation code.

563 Binding Information (R)

Subfield defined \$\pm\$6 Linkage (NR) Required if applicable

Data to link fields that are different script representations of each other. Use for the tag number of the linking field, the occurrence number, the script

identification code and the field orientation code.

4 MARC Code List Changes

Classification Sources

Fields 084 and 852 (Bibliographic) and Field 065 (Authority)-Subfield ‡2

Codes defined Code Source

cutterec Cutter, Charles Ammi. Expansive classification (Boston: C.A. Cutter) rubbks Bibliotechno-bibliograficheskaíà klassifikatsií: Srednye tablitsy

(Moskva: Izdatel'stvo Liberiíà)

Format Sources

Field 887–Subfield ‡2

Codes defined Code Source

mods Metadata object description schema (Washington, DC: Library of

Congress)

Language Codes

Lang (008/35-37), Fields 040-Subfield ‡b, 041, 242-Subfield ‡y and 775-Subfield ‡e

Codes defined	Code	Language	Previous Code
	ady	Adygei	cau (Caucasian [Other])
	arg	Aragonese Spanish	spa (Spanish)
	crh	Crimean Tatar	tut (Altaic [Other])
	dar	Dargwa	cau (Caucasian [Other])
	hat	Haitian French Creole	cpf (Creoles and Pidgins, French-based [Other])
	inh	Ingush	cau (Caucasian [Other])
	kbd	Kabardian	cau (Caucasian [Other])
	nog	Nogai	tut (Altaic [Other])
	udm	Udmurt	fiu (Finno-Ugrian [Other])
	xal	Kalmyk	tut (Altaic [Other])

Other Sources

Field 524–Subfield ‡2

Code defined Code Source

nlmrfbc National Library of Medicine recommended formats for bibliographic

citation (Bethesda, MD: U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Library of

Medicine)

Relator Codes

Access Fields-Subfield ‡4

Code defined Code Source

rpy Responsible party

The person or corporate body legally responsible for the content of the

published material.

Term, Name, Title Sources

Fields 600 through 651 and 655 through 658-Subfield ‡2

Codes defined Code Source

ica Index of Christian art (Princeton, NJ: Princeton University)

sipri SIPRI library thesaurus (Stockholm: Stockholm International Peace

Research Institute)

Field 655-Subfield ‡2

Code defined Code Source

marcgt MARC genre terms (Washington, DC: Library of Congress)

Field 658-Subfield ‡2

Code defined Code Source

moss Missouri show-me standards (Jefferson City, MO: Dept. of Elementary

and Secondary Education)

Technical Bulletins Online

Introduction This section covers retrieving technical bulletins in electronic form.

OCLC web siteTo access technical bulletins on the OCLC Web site:

	Action
1	Type www.oclc.org/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 **www.oclc.org/oclc/forms/listserv.htm** in the address bar of your Web browser. Click **Submit** after you complete the Internet List Request form.

Or

Type **subscribe techbul-I** in the body of an e-mail message and send it to **listserv@oclc.org**.

To unsubscribe, type **unsubscribe techbul-I** in the body of an e-mail message, and send it to **listserv@oclc.org** or use the Internet List Request form.

Comments

The OCLC Documentation Department welcomes comments about this document. Please send them via e-mail to **doc@oclc.org**.

Current OCLC Technical Bulletins

List below is current as of November 2004. Technical Bulletins not listed are obsolete. Please discard them or mark them obsolete.

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

No.	Date	Title	OCLC Documentation Affected
251	0411	Connexion WorldCat Searching	Searching WorldCat User Guide, Searching WorldCat Quick Reference, Find Bibliographic Records (Connexion browser)
250	0310	Parallel Records	Bibliographic Formats and Standards, Enhance Training Outline, OCLC Cataloging Service User Guide
249	0304	OCLC-MARC Format Update 2003	Authorities User Guide, Bibliographic Formats and Standards, OCLC Cataloging Service User Guide, OCLC Input Standards Tables, OCLC-MARC Records, Searching WorldCat User Guide
247	0211	OCLC-MARC Format Update 2002	Bibliographic Formats and Standards, Cataloging Electronic Resources, OCLC Cataloging Service User Guide
246	0207	Database Enrichment	Bibliographic Formats and Standards, OCLC Cataloging Service User Guide
244	0107	OCLC-MARC Format Update 2001	OCLC Cataloging Service User Guide
242	0104	OCLC Symbol Expansion	Union List User Guide
241	0011	National Library Control Number Changes	OCLC Cataloging Service User Guide, Union List User Guide
240	8000	Pinyin Conversion Project	OCLC Cataloging Service User Guide

