WorldCat Validation release notes, May 2019

Release Date: May 2, 2019

Introduction

This release of changes to WorldCat validation involves the following new features, enhancements, and bug fixes:

- OCLC-MARC Bibliographic Update 2019, Part One
- OCLC-MARC Authority Update 2019 to the Validation Rule Set that Includes All Valid Elements of MARC 21 Authority Format, Part One
- OCLC-MARC Holdings Update 2019, Part One
- OCLC-MARC Validations of New MARC Codes Announced February 8 and March 27, 2019
- Tightening of Relationship Rule Between Bibliographic Field 655 and Subfields $v, $x, $y, and $z
- Field Length Check Added to Authority Records
- Authority Field 550 Made Invalid in Canadiana Name Authority Records
- Clarification of Error Messages in LHRs
- Correction of Bibliographic Subfield $2 Repeatability
- Correction of Validation Rules for Bibliographic Field 041 Non-MARC Language Codes
- Correction of Relationship Rule Between Bibliographic Field 042 and Bibliographic Level Value “i”
- Correction of Validation Rules for Bibliographic Field 086
- Correction of Relationship Rule Between Bibliographic Field 222 and Encoding Level Value “8”
- Correction of Authority Field Duplication Checks
- Correction of Authority Validation for Invalid Field 009

These enhancements are the result of announcements of new MARC elements and codes by the Library of Congress as well as feedback and requests from members of the OCLC cooperative.

New features and enhancements

OCLC-MARC Bibliographic Update 2019, Part One

Full details of the OCLC-MARC Bibliographic Format Update 2019 are available in OCLC Technical Bulletin 269: OCLC-MARC Format Update 2019. This update implements MARC 21 Bibliographic format changes announced in MARC 21 Bibliographic Update No. 27 November 2018, including:
• In Bibliographic field 041 (Language Code), new subfields $p (Language Code of Captions), $q (Language Code of Accessible Audio), and $r (Language Code of Accessible Visual Language (Non-Textual)) have been defined, plus the existing subfield $j (Language Code of Subtitles) has been renamed and its description has been revised.

• New Bibliographic field 251 (Version Information) has been defined.

• New Bibliographic field 341 (Accessibility Content) has been defined.

• New Bibliographic field 532 (Accessibility Note) has been defined.

OCLC-MARC Authority Update 2019 to the Validation Rule Set that Includes All Valid Elements of MARC 21 Authority Format, Part One

Full details of the OCLC-MARC Authority Format Update 2019 are available in OCLC Technical Bulletin 269: OCLC-MARC Format Update 2019. This update implements MARC 21 Authority format changes announced in MARC 21 Authority Update No. 27 November 2018, including:

• Authority field 055 (Library and Archives Canada Call Number) has had its description revised and new subfield $2 (Number Source) has been defined.

• The MARC 21 Authority Update No. 27 format changes included an expansion of the scope of Control Subfield $6 to allow for the recording of script identification codes taken from ISO 15924. The OCLC-MARC Authority format has not implemented subfield $6, so no changes have been implemented. Subfield $6 has been implemented in the OCLC-MARC Bibliographic format, where subfield $6 already accommodates the four-alphabetic-character values in ISO 15924. The OCLC-MARC implementation of subfield $6 does not currently accommodate the three-digit numerical values found in ISO 15924. In WorldCat, subfield $6 is always system-supplied, is never created manually, and does not appear in online displays. As such, accommodation of the ISO 15924 three-digit numerical values within WorldCat remains under consideration.

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

OCLC-MARC Holdings Update 2019, Part One

Full details of the OCLC-MARC Holdings Format Update 2019 are available in OCLC Technical Bulletin 269: OCLC-MARC Format Update 2019. The MARC 21 Holdings format changes announced in MARC 21 Holdings Update No. 27 November 2018 were limited to an expansion of the scope of Control Subfield $6 to allow for the recording of script identification codes taken from ISO 15924. The OCLC-MARC Holdings format has not implemented subfield $6, so no changes have been implemented. Subfield $6 has been implemented in the OCLC-MARC Holdings Data fields in the Bibliographic record range of 84X-87X, where subfield $6 already accommodates the four-alphabetic-character values in ISO 15924. The OCLC-MARC implementation of subfield $6 does not currently accommodate the three-digit numerical values found in ISO 15924. In WorldCat, subfield $6 is always system-supplied, is never created manually, and does not appear in online displays. As such, accommodation of the ISO 15924 three-digit numerical values within WorldCat remains under consideration.
OCLC-MARC Validations of New MARC Codes Announced February 8 and March 27

Full details of the new MARC Codes that were announced by the Library of Congress on February 8, 2019, are available in the LC Technical Notice (February 8, 2019).

Full details of the new MARC Code that was announced by the Library of Congress on March 27, 2019, are available in the LC Technical Notice (March 27, 2019).

Tightening of Relationship Rule Between Bibliographic Field 655 and Subfields $v, $x, $y, and $z

Before the changes to validation, bibliographic field 655 coded Second Indicator value “0” (LCSH) allowed subdivisions in subfields $v, $x, $y, and $z.

After the changes to validation, bibliographic field 655 coded Second Indicator value “0” (LCSH) no longer allows subdivisions in subfields $v, $x, $y, and $z. This brings WorldCat validation in line with Library of Congress Genre/Form Terms for Library and Archival Materials (LCGFT) J110, which states, “Genre/form terms may not be subdivided, neither topically, geographically, chronologically, nor by form.”

Field Length Check Added to Authority Records

Before the changes to validation, variable fields in authority records would tend to fail validation as they grew in length.

After the changes to validation, variable fields in authority records will pass validation until they contain up to approximately 9000 characters.

Authority Field 550 Made Invalid in Canadiana Name Authority Records

At the request of Library and Archives Canada, field 550 has been made invalid in Canadiana name authority records, but remains valid in Canadiana subject authority records.

Clarification of Error Messages in LHRs

Before the changes to validation, error messages generated by certain discrepancies between indicators and subfields in LHR fields 853, 854, 855, 863, 864, 865, 866, 867, or 868 were cryptic and inconsistent.

After the changes to validation, error messages generated by certain discrepancies between indicators and subfields in LHR fields 853, 854, 855, 863, 864, 865, 866, 867, or 868 have been made more clear and consistent.

Bug fixes
Correction of Bibliographic Subfield $2 Repeatability

Before the changes to validation, the nonrepeatable bibliographic subfield $2 was allowed to repeat under certain circumstances.

After the changes to validation, the nonrepeatable bibliographic subfield $2 is not allowed to repeat under any circumstances.

Correction of Validation Rules for Bibliographic Field 041 Non-MARC Language Codes

Before the changes to validation, non-MARC Language Codes in the alphabetic subfields of bibliographic field 041, indicated by the presence of Second Indicator value 7 and a corresponding Language Code and Term Source Code in subfield $2, did not pass validation.

After the changes to validation, non-MARC Language Codes in the alphabetic subfields of bibliographic field 041 will pass validation.

Correction of Relationship Rule Between Bibliographic Field 042 and Bibliographic Level Value “i”

Before the changes to validation, Library and Archives Canada CONSER authentication codes in field 042 could be used only on bibliographic records coded Bibliographic Level value “s” (Serial).

After the changes to validation, Library and Archives Canada CONSER authentication codes in field 042 can also be used on bibliographic records coded Bibliographic Level value “i” (Integrating Resource).

Correction of Validation Rules for Bibliographic Field 086

Before the changes to validation, bibliographic field 086 required the presence of subfield $a.

After the changes to validation, bibliographic field 086 no longer requires the presence of subfield $a. This allows for the presence of subfields $z, $0, and/or $1 alone.

Correction of Relationship Rule Between Bibliographic Field 222 and Encoding Level Value “8”

Before the changes to validation, bibliographic field 222 (Key Title) could not be added to an Encoding Level 8 record.

After the changes to validation, bibliographic field 222 can be added to an Encoding Level 8 record. This change was made at the request of Library and Archives Canada with the approval of Library of Congress.
Correction of Authority Field Duplication Checks

Before the changes to validation, certain duplicate 1XX and 4XX fields within the same authority record were not being caught when the record was being created or updated.

After the changes to validation, duplicate 1XX and 4XX fields within the same authority record are being caught when the record is being created or updated.

Correction of Authority Validation for Invalid Field 009

Before the changes to validation, authority validation was allowing invalid field 009 to be added to an authority record.

After the changes to validation, authority validation no longer allows invalid field 009 to be added to an authority record.

Important links

Virtual AskQC office hours

Join OCLC Metadata Quality staff to discuss WorldCat quality issues and cataloging questions. Visit AskQC for information about upcoming office hours, previous office hour recordings, and supporting materials.

Support website(s)

Support information for this product and related products can be found at:

- OCLC Connexion
- WorldShare Record Manager
- WorldShare Collection Manager
- Contact OCLC Support
- OCLC Community Center
- Browser compatibility chart