

Western Washington University

From the Selected Works of Casey A. Mullin

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Best Practices for Recording Faceted Chronological Data in Bibliographic Records

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Best Practices for Recording Faceted Chronological Data in Bibliographic Records

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SCTS Days, October 13, 2020

Overview

- Background/context
- Types of creation dates associated with bibliographic records
 - Date of creation of single work
 - Date(s) of aggregated works in a compilation
 - Date of creation of aggregate work
 - Date of expression
- Future developments

Background/context

- [SAC Subcommittee on Faceted Vocabularies](#) (SSFV) areas of focus
 - Training
 - Best practices
 - Retrospective implementation
 - Vocabulary development (as needed)
- Other recent achievements in the facet-verse
 - [LC Genre/Form Terms Manual](#)
 - [LC Demographic Terms Manual](#) (draft status)
 - [MLA Best Practices for Using LCGFT for Music Resources](#)
 - [MLA Best Practices for Using LCMPT](#)
 - FAST

“It’s about time”

- Types of chronological data encoded in bibliographic records
 - Manifestation events (008, 260, 264)
 - Publication, production, distribution, manufacture
 - Chronological aspect of subject (6xx)
 - World War, 1939-1945
 - Landscape painting, American \$y 19th century
 - 1339-1485 \$2 fast
 - Dates(s) of creation (of work(s) and expression(s)) (045, 046, 388, 500)
 - Others?
 - Dates associated with persons (as part of authorized access point)
 - Record creation/modification dates (“meta-metadata”)

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Best Practices for Recording Faceted Chronological Data in Bibliographic Records

- Version 0.9 released by SSFV on June 19, 2020
- Currently in community feedback phase
- Solicited formal responses from other cataloging policy-making bodies during the summer. Received several responses.
- Version 1.0 (incorporating feedback) slated for release in late 2020 or early 2021

Best practices--Fundamentals

- Based on the IFLA LRM modeling of works, expressions and aggregates
 - Aggregates contemplated by the BPs chiefly limited to **collection aggregates**
 - Single work situations may actually qualify as LRM parallel or augmentation aggregates
- 046 field (coded dates)
- 388 field (textual chronological terms)
- 045 field (coded dates, legacy practice)
 - Problematic to use, because meaning differs based on resource format
 - Can be repurposed as 046 fields for certain formats

Best practices--Fundamentals

- Chronological information may be taken from any source (not necessary to “justify” in 500 notes)
- Faceted chronological data supplements, but (for now) does not replace LCSH headings
- What about authority records for works/expressions?
 - Out of scope
 - “In a perfect world...”

Best practices--Fundamentals

- 046 field
 - **Subfields \$k and \$l** are used to encode dates of creation of a single work, including an aggregate work.
 - **Subfields \$o and \$p** are used to encode the date(s) of creation of the works in a collection/aggregation (e.g., literary or musical compilation).
 - In some cases, both \$k/\$l and \$o/\$p can be used, for instance when an anthology of plays from the 18th century is compiled and published in the 20th century.
 - **Subfield \$2** is used to designate the date scheme according to which the dates are encoded. Encode specific and approximate dates using the *Extended Date and Time Format*, except for centuries.

Best practices--Fundamentals

- 388 field
 - The **first indicator** is set to 1 when the term refers to the creation of the work/expression or to the components of an aggregate work/expression considered collectively. It is set to 2 when the term refers to the creation of the aggregate work itself.
 - **Subfield \$a** is used for the controlled or uncontrolled term.
 - **Subfield \$2** is used to record a code for the source of the controlled term in \$a.
 - **Subfield \$0** may be used to record an identifier (including a URI) for the authority record for the term recorded in \$a. **Subfield \$1** may be used to record a real world object URI for the chronological entity. These subfields are optional, but potentially useful for the transition of MARC records to linked data.

Date of creation of single work

Date of creation of single work

If the date of creation is known to be the same as the date of publication, record it in field 046.

046 ## \$k 1998 \$2 edtf

100 1# \$a Young, Thomas-Durell, \$e author.

245 10 \$a Reforming NATO's military structures : \$b the long-term study and its implications for land forces / \$c Thomas-Durell Young.

264 #1 \$a Carlisle, PA : \$b Strategic Studies Institute, U.S. Army War College, \$c [1998]

500 ## \$a "May 15, 1998."

Date of transmittal on title page used to infer date of publication.

Date of creation of single work

If no specific date can be identified as the date a work was created, treat the date of the earliest known manifestation embodying the work as the date of work.

046 ## \$k 2019 \$2 edtf

100 1# \$a Atwood, Margaret, \$d 1939- \$e author.

245 14 \$a The testaments / \$c Margaret Atwood.

250 ## \$a First edition.

264 #1 \$a New York : \$b Nan A. Talese/Doubleday, \$c [2019]

264 #4 \$c ©2019

Date of first edition recorded as date of creation.

Date of creation of single work

If the creation date is known to be earlier than the date of publication, record the creation date in field 046.

046 ## \$k 2015 \$2 edtf

100 1# \$a Elias, Brian, \$e composer.

240 10 \$a Concerto, \$m cello, orchestra

245 10 \$a Concerto for cello and orchestra (2015) / \$c Brian Elias.

264 #1 \$a London : \$b Chester Music, \$c [2018]

264 #4 \$c ©2016

Date of creation indicated in title.

Date of creation of single work

If a precise creation date in a non-Gregorian calendar is known, but it corresponds to two possible dates in the Gregorian calendar, record the Gregorian dates in the 046 field.

046 ## \$k [2015,2016] \$2 edtf

100 1# \$a Stānkzay, Naṣr Allāh, \$e author.

245 10 \$a Mabādī-i ḥuqūq (bā izaʿfāt-i jadīd) = \$b Introduction to law / \$c Pūhanvāl Naṣr Allāh Stānkzay.

264 #1 \$a Kābul : \$b Intishārāt-i Saʿīd, \$c 1394 [2015 or 2016]

Single date in the Persian calendar corresponds to two possible dates in the Gregorian calendar.

Date of creation of single work

If the precise date of creation is not known and the date of the earliest known manifestation embodying the work is unknown or imprecise, record an approximate date of creation (e.g., a probable date, a decade, a century date, a probable range of dates) if one can be inferred.

046 ## \$k [1973..1984] \$2 edtf

245 00 \$a Combined history and standard atlas of Washington
County, Illinois.

260 ## \$a Evansville, IN : \$b Whipporwill Publications, \$c
[between 1973 and 1984]

Date of creation of single work

When a more specific date is not available, a century date for a work may be supplied, particularly if a creator was born and died in the same century.

046 ## \$k 18

100 1# \$a Pierce, E. D. \$q (Elias Davidson), \$d 1824-1897.

245 14 \$a The Pierce chronicle : \$b personal reminiscences of
E.D. Pierce as transcribed by Lou A. Larrick / \$c edited by
J. Gary Williams and Ronald W. Stark.

260 ## \$a Moscow : \$b Idaho Research Foundation, \$c ©1975.

Based on author's dates, work had to have been created in the 19th century.

Date of creation of single work

If a specific date of creation of a single work is not available, a textual chronological term for a time period during which the work was created may be recorded in field 388. If the term does not come from a controlled vocabulary, record it without subfield \$2.

130 0# \$a Weakest goeth to the wall.

245 12 \$a A critical edition of the anonymous Elizabethan play The weakest goeth to the wall / \$c [edited by] Jill L. Levenson.

388 1# \$a Elizabethan era

388 1# \$a Renaissance \$2 lcsb

490 1# \$a Renaissance drama

Uncontrolled term for the more precise period of creation identified in the title and a controlled term from LCSH for the less precise period identified in the series statement.

Date of creation of single work

Field 388 may also be used in conjunction with a date in the 046 field. This may be particularly useful when a particular time period of creation is mentioned prominently in a resource.

046 ## \$k 13

130 0# \$a Gast of Gy.

245 14 \$a The quatrain version of Gast of Gy : \$b a late medieval poem /
\$c [edited by] Ed Eleazer ; with a foreword by Eugene J. Crook.

260 ## \$a Lewiston : \$b Edwin Mellen Press, \$c ©2010.

388 1# \$a Middle Ages \$2 lcsch \$1 <http://www.wikidata.org/entity/Q12554>

An anonymous work from the 14th century. Term from LCSH based on period identified in subtitle and real world object URI from Wikidata included in addition to encoded century date in 046 field.

Date(s) of aggregated works in a compilation

Date(s) of aggregated works in a compilation

Record the creation date(s) of works in a compilation in subfields \$o and \$p. Use precise dates when explicitly provided by the resource, or when the information is otherwise readily available.

046 ## \$o 1885 \$p 1922 \$2 edtf

100 1# \$a Lawson, Henry, \$d 1867-1922, \$e author.

240 10 \$a Poems

245 10 \$a Collected verse / \$c Henry Lawson ; edited with introduction and notes by

Colin Roderick.

260 ## \$a [Sydney] : \$b Angus and Robertson, \$c [1967-1969]

505 0# \$a v. 1. 1885-1900 -- v. 2. 1901-1909 -- v. 3. 1910-1922.

Date(s) of aggregated works in a compilation

If specific dates are not readily available, give the decade(s) or century(ies) of creation when this information is explicitly provided by the resource or otherwise readily available.

046 ## \$o 11 \$p 17

245 03 \$\$a An anthology of early French organ music from the
XIIth to the XVIIIth century / \$c collected, annotated and
transcribed by Joseph Bonnet.

264 #1 \$a New York : \$b H.W. Gray, \$c [1942]

Date(s) of aggregated works in a compilation

If there are not many works in the aggregation and their dates are known, it is preferable to give each date individually in subfield \$o.

046 ## \$o 1949 \$2 edtf

046 ## \$o 1948 \$2 edtf

046 ## \$o 1952 \$2 edtf

245 00 \$a Film noir triple DVD feature.

260 ## \$a New York : \$b GoodTimes DVD, \$c 2004.

505 0# \$a Too late for tears (1949, 99 min.) -- He walked by night
(1948, 80 min.) --

Kansas City confidential (1952, 94 min.)

Date(s) of aggregated works in a compilation

Use 388 for a named period when identified in the resource and precise dates are not known. Supplement with approximate dates in 046 whenever possible.

046 ## \$o 1603~ \$p 1625~ \$2 edtf

245 14 \$a The Anchor anthology of Jacobean drama / \$c edited with an introduction, notes, and variants by Richard C. Harrier.

260 ## \$a Garden City, N.Y. : \$b Anchor Books, \$c 1963.

388 1# \$a Jacobean era \$1 <http://www.wikidata.org/entity/Q2559155>

Uncontrolled term with real world object URI from Wikidata.

Date(s) of aggregated works in a compilation

When precise years, decades or centuries are known, but the aggregated works are clearly linked to a named historical period, optionally give the named period in 388 in addition to the precise dates in 046.

046 ## \$o 1314 \$p 1318 \$2 edtf

100 0# \$a Geffroi, \$c de Paris, \$d active 14th century, \$e author.

245 10 \$a Six historical poems : \$b written in 1314-1318, published in their entirety for the first time from ms. fr. 146 of the Bibliothèque nationale, Paris / \$c and translated into English by Walter H. Storer and Charles A. Rochedieu.

260 ## \$a Chapel Hill : \$b University of North Carolina Press, \$c 1950.

388 1# \$a Middle Ages \$2 lcsh

Controlled term from LCSH.

Date(s) of aggregated works in a compilation

Date ranges can sometimes be inferred from subject headings, but *proceed with caution*. Ranges represented in subject headings are sometimes incomplete or misleading, especially for anthologies or compilations published around the turn of a century.

046 ## \$o 1998 \$p 1999 \$2 edtf

245 04 \$a The best American short stories, 1999 : \$b selected from U.S. and Canadian magazines / \$c [edited] by Amy Tan with Katrina Kenison ; with an introduction by Amy Tan.

260 ## \$a Boston : \$b Houghton Mifflin, \$c 1999.

650 #0 \$a Short stories, American.

650 #0 \$a Short stories, Canadian.

650 #0 \$a American fiction \$y 20th century.

650 #0 \$a Canadian fiction \$y 20th century.

Date(s) of aggregated works in a compilation

Particular caution should also be used when inferring dates from LCSH subject headings for scores and recordings of jazz and popular music.

046 ## \$k 1967 \$2 edtf

046 ## \$o 1967 \$2 edtf

110 2# \$a Moody Blues (Musical group) \$4 prf

245 10 \$a Days of future passed / \$c the Moody Blues.

260 ## \$a London, England : \$b Deram ; \$a Hollywood, CA : \$b Manufactured and
marketed by A & M Records, \$c [1997], ©1967.

650 #0 \$a Rock music \$y 1961-1970.

650 #0 \$a Psychedelic rock music.

650 #0 \$a Progressive rock music.

Album of songs written, recorded, and originally released in 1967.

Date(s) of aggregated works in a compilation

It is often possible to supply a century for an aggregate where all the aggregated works have been created by a single author, particularly if the author was born and died in the same century or was born in the same century in which the aggregate was first published.

046 ## \$o 16

100 1# \$a Behn, Aphra, \$d 1640-1689, \$e author.

240 10 \$a Plays. \$k Selections

245 10 \$a Five plays / \$c Aphra Behn ; selected and introduced by
Maureen Duffy.

260 ## \$a London : \$b Methuen Drama, \$c 1990.

Date of creation of aggregate work

Date of creation of aggregate work

Take the information on the date of creation of the aggregate work, and of the component works of the aggregate, from any source. Record the date(s) of creation of the aggregate work in subfields \$k/\$l.

046 ## \$k 2019 \$2 edtf

245 00 \$a Journal of psychology & behavior research.

264 #1 \$a Los Angeles, CA : \$b Scholink Inc., \$c 2019-

362 1# \$a Began with: Vol. 1, no. 1 (June 2019)

*Serial work created in 2019; no \$l in 046 because work has not ceased. However, **\$l XXXX** may be used if desired.*

Date of creation of aggregate work

In some cases, pairing the 046 field with a 388 for time period of creation may be helpful.

046 ## \$k 2011 \$2 edtf

046 ## \$o 1157 \$p 1694 \$2 edtf

245 00 \$a Haiku before haiku : \$b from the renga masters to Bashō / \$c translated,
with an introduction by Steven D. Carter.

260 ## \$a New York : \$b Columbia University Press, \$c ©2011.

388 1# \$a Kamakura period, 1185-1333

388 1# \$a 1185-1333 \$2 fast \$0 <http://id.worldcat.org/fast/1355413>

388 1# \$a Tokugawa period, Japan, 1600-1868 \$2 fast \$0 <http://id.worldcat.org/fast/1711639>

388 1# \$a 1600-1868 \$2 fast \$0 <http://id.worldcat.org/fast/1355642>

388 2# \$a Twenty-first century \$2 lcsb \$0 <http://id.loc.gov/authorities/subjects/sh85139024>

Compilation of poems written between 1157 and 1694. Compilation creation date optionally also included; uncontrolled and controlled chronological creation terms optionally recorded.

Date of expression

- In the MARC bibliographic format, there is (currently) no way to distinguish (in a machine-actionable way) work dates from expression dates in the 046 field.
- Subfields \$k and \$l are currently defined as dates or date ranges “on which a resource has been created.” The word “resource” is nonspecific in connotation with respect to the IFLA LRM entities Work and Expression.
- Since SSFV recommends the use of 046 \$k and \$l for describing works in these guidelines, SSFV recommends that *these subfields not also be used* to describe expressions in MARC bibliographic records.
- SSFV is pursuing a MARC proposal to define a new mechanism in field 046 for encoding expression dates, as well as defining subfield \$3 to indicate which content/entity a date or dates are describing.
- Until such time as these new mechanisms are available, SSFV recommends that dates of expression be *given elsewhere* in bibliographic records, as they are now. For example, 5XX notes.

Date of expression

046 ## \$k 1874 \$2 edtf

~~046 ## \$k 1922 \$2 edtf~~

100 1# \$a Mussorgsky, Modest Petrovich, \$d 1839-1881, \$e composer.

240 10 \$a Kartinki s vystavki; \$o arranged \$s (Ravel)

245 10 \$a Pictures at an exhibition / \$c Moussorgsky-Ravel.

500 ## \$a Arranged by Maurice Ravel in 1922.

Date of expression

For audio and video resources, **date of capture** and **date of broadcast** are subtypes of date of expression. Follow established MARC coding procedures for date and place of capture information, using fields 033 and/or 518. Do not encode a date of capture/broadcast *as such* in an 046 field.

033 20 \$a 20150508 \$a 20150511 \$b 6494 \$c v4

046 ## \$o 1806 \$2 edtf

046 ## \$o 1807 \$p 1808 \$2 edtf

100 1# \$a Beethoven, Ludwig van, \$d 1770-1827, \$e composer.

245 10 \$a Symphonies 4 & 5 / \$c Beethoven.

500 ## \$a Composed 1806 and 1807-1808, respectively.

518 ## \$o Recorded live \$d 2015 May 8-11 \$p Goldener Saal, Musikverein, Vienna.

Individual work creation dates in this compilation recorded in separate 046 \$o/\$p.

Future directions

- Version 1.0 in development
 - Not too late to send feedback! Email me (mullinc3@wwu.edu)
- 046 proposal in development
- Retrospective implementation
 - MLA Algorithm (for music format records): generates 046 from 650 \$y
 - Instantiated in Gary Strawn's [OCLC Music Toolkit](#)
 - Literature can benefit from similar approach
 - New OCLC macro in development: 045 → 046
 - Other possibilities?

Questions??

Thank you!!

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