Special coded dates (MARC 046)


Note: this page was created with music cataloging in mind.

Sources: LC MARC 21 format for 046 - Special coded dates [3] and DCM Z1 [4]

Indicators | Subfields persons | corporate bodies | families | works and expressions
Extended date/time format (edtf)
Examples: persons | corporate bodies | works and expressions

The 046 field (Special coded dates) is for dates associated with the entry described in an authority or bibliographic record.

The date and time are recorded according to Extended Date/Time Format [5] (EDTF) in the pattern using 4 digits for the year, 2 for the month, and 2 for the day, each element separated by a hyphen:

- year = yyyy
- year and month = yyyy-mm
- year, month, and day = yyyy-mm-dd

Use subfield ‡2 edtf to indicate the date schema.

[See Using the Extended Date/Time Format (EDTF) Specification below.]

Note: Previously, the date scheme Representations of Dates and Times (ISO 8601) was used. On 8/21/2015, Paul Frank (Acting Coordinator, NACO and SACO Programs) announced on the PCC-List that the formatting of dates in the 046 field has changed to the Extended Date Time Format (EDTF) schema in all cases except for centuries. 046 fields in existing name authority records using the ISO 8601 date schema will be reformatted to conform to the new DCM Z1 guidelines during the Phase 3B changes to the LC/NACO Authority File.

The application of EDTF to dates applies only to the 046 field, not to date(s) in subfields ‡s or ‡t in other fields (e.g., start and end dates in the 37X fields [6]) since ‡2 in those fields are already being used for other purposes and therefore cannot be used to identify EDTF as the source of the encoding for a date.

Instructions for PCC catalogers in Descriptive Cataloging Manual (DCM) Z1 [7], section on field 046:
Best practice:

- When encoding date information, give the fullest information about the date that is readily available.
- The date in an 046 may be more precise than a date used in the 100 ‡d.
- When revising existing authority records, record dates in the 046 when the information is readily available even if the authorized access point itself does not have dates in 100 ‡d.
- The 046 field must be repeated when subfield ‡2 does not apply to all dates.

| Indicators | 1st blank | 2nd blank |
| Subfields persons examples | a person's date of birth, date of death, and the date or date range of the person's period of activity |
| Subfields: | f = birth date (9.3.2 [9]): the year a person was born |
| | ° may include the month and day of the person's birth |
| | ° code in this format: yyyymmdd |
| | g = death date (9.3.3 [10]): the year a person died |
| | ° may include the month and day of the person's death |
| | s = start period (9.3.4 [11]): start date for period of activity associated with the person |
| | t = end period (9.3.4 [11]): end date for period of activity associated with the person |

| corporate bodies examples | a date or range of dates on which a conference, etc., is held, or a date with which the corporate body is otherwise associated (e.g., date of establishment, date of termination) |
| Subfields: | q = establishment date: the year a corporate body was established |
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° use when a corporate body’s date of establishment and date of termination are both unknown (11.4.5.3)
° may include the month and day of the corporate body’s establishment
° Please do not use the new subfields ‡q and ‡r until further notice. (PCC list; 7/13/2015, from Paul Frank, Acting Coordinator, NACO and SACO Programs)
r = termination date: the year a corporate body was terminated
° use when a corporate body’s date of establishment and date of termination are both unknown (11.4.5.3)
° may include the month and day of the corporate body’s termination
° Please do not use the new subfields ‡q and ‡r until further notice. (PCC list; 7/13/2015, from Paul Frank, Acting Coordinator, NACO and SACO Programs)
s = start period: earliest date in a period of activity
° use when a corporate body’s date of establishment and date of termination are both unknown (11.4.5.3)
° may include the month and day of the corporate body’s establishment
° Please do not use the new subfields ‡q and ‡r until further notice. (PCC list; 7/13/2015, from Paul Frank, Acting Coordinator, NACO and SACO Programs)
t = end period: latest date in a period of activity
° use when a corporate body’s date of establishment and date of termination are both unknown (11.4.5.3)
° may include the month and day of the corporate body’s termination
° Please do not use the new subfields ‡q and ‡r until further notice. (PCC list; 7/13/2015, from Paul Frank, Acting Coordinator, NACO and SACO Programs)

families
.works and expressions
examples

a significant date associated with a family
a significant date associated with a work or expression
Use in conjunction with Recording date of work [12] (RDA 6.4-6.5)

Subfields:

work [13]:
° k = Beginning or single date created: earliest date (normally the year)
° may be the date the work was created or first published or released
° may be the starting date of a range of a single date
expression [14]:
° k = Beginning or single date created: the earliest date (normally the year)
° may be the date of the earliest known manifestation of that expression
° may be the starting date of a range or a single date

l = Ending date created: Ending date of the date range for which the beginning date is recorded in ‡k (applies to both work and expression)

o = Single or starting date for aggregated content: Single or starting date of original release of the contents of a collection/aggregation

p = Ending date for aggregated content: Ending date of original release of the contents of a collection/aggregation

Using the Extended Date/Time Format (EDTF) Specification [5]:
To check that a date for conforms to EDTF, use the EDTF validator [15]

Character: Indicates:
When there are multiple components (year and month, etc.), the characters goes to the immediate left of the component to which it applies and applies to that component only

? uncertain date
~ approximate date
% uncertain as well as approximate date

Character: Used:

X the unspecified date character, formerly lower case "u", is superseded by upper case "X"
used in place of a digit to indicate that the value of that digit is unspecified;
° it may be substituted for each of multiple digits
° may occur anywhere within a component
/
use a forward slash to separate an interval of two dates representing a period of time beginning sometime during the start date and ending sometime during the end date
° either date may be a year, year-month, or year-month-day
° there is no space between the dates
[]
use to enclose set of dates in a single-choice list (select one date)
° use a comma to separate two dates, indicating the date is known to be one of two years
° there is no space between the dates
{}
use to enclose an inclusive list of multiple dates (all dates included)
° for consecutive dates, this means a discrete set, not an interval, of dates
° use a comma to separate dates
° there is no space between the dates
.. double dots at the beginning or end of a date mean "on or before" or "on or after" respectively

Formatting dates: 4 digits for the year, 2 for the month, and 2 for the day

Use the pattern: For:

yyyy single year
yyyy-mm single year and month
yyyy-mm single year and month
yyyy-mm-dd single year, month, and day
### Examples of Persons:

<table>
<thead>
<tr>
<th>Known dates</th>
<th>Type of date</th>
<th>Example of ‡d</th>
<th>046</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Single year</strong></td>
<td>year of birth</td>
<td>1978-</td>
<td>‡f 1978-04-26 ‡2 edtf</td>
</tr>
<tr>
<td></td>
<td>year of birth; month needed to resolve conflict</td>
<td>1956 January 29-</td>
<td>‡f 1956-01-29 ‡2 edtf</td>
</tr>
<tr>
<td></td>
<td>year of death</td>
<td>-1625</td>
<td>‡g 1625 ‡2 edtf</td>
</tr>
<tr>
<td><strong>Range of years</strong></td>
<td>dates of birth and death known</td>
<td>1910-2011</td>
<td>‡f 1910-08-27 ‡g 2011-02-21 ‡2 edtf</td>
</tr>
<tr>
<td></td>
<td>years of birth and death known; month of birth needed to resolve conflict</td>
<td>1937 February 26-2000</td>
<td>‡f 1937-02-26 ‡g 2003 ‡2 edtf</td>
</tr>
<tr>
<td><strong>Known to be date of birth known; date of death varies in different sources: died April 24 or 25, 1939</strong></td>
<td>date of birth known; date of death varies in different sources: died July 31, 2012 or August 1, 2012</td>
<td>1921-2012</td>
<td>2 046 fields; ‡f 1921-11-08 ‡2 edtf</td>
</tr>
<tr>
<td></td>
<td>years of birth and death known; date of death differs in sources: died August 28 or 29, 1998; source of date of death given in ‡v in separate 046 fields</td>
<td>1923-1998</td>
<td>3 046 fields; ‡f 1923-03-12 ‡2 edtf</td>
</tr>
<tr>
<td><strong>Known to be year of death one of two years</strong></td>
<td>year of death</td>
<td>-1372 or 1373</td>
<td>‡g [1372,1373] ‡2 edtf</td>
</tr>
<tr>
<td></td>
<td>year of birth</td>
<td>1569 or 1570-1600</td>
<td>‡f [1569,1570] ‡g 1600 ‡2 edtf</td>
</tr>
<tr>
<td><strong>Approximate dates</strong></td>
<td>year of birth and death</td>
<td>1622 or 1623-1680 or 1681</td>
<td>‡f [1622,1623] ‡g [1680,1681] ‡2 edtf</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Single year</th>
<th>Type of date</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>-1557?</td>
<td>Single year of death</td>
<td>‡g 1557? ‡2 edtf</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unspecified dates</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>046</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single day</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>-1411</td>
<td>Single day of birth</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single decade</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>193-?</td>
<td>Single decade of birth</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single estimated decade</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>17th century</td>
<td></td>
</tr>
<tr>
<td>[no date in heading]</td>
<td>‡s 16 (edtf format not used for century)</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Active dates</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>046</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Range of years</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>1656?-approximately 1712</td>
<td>Single year of death</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Approximate, probable years</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>1500- approximately 1547</td>
<td>One of two known years</td>
</tr>
</tbody>
</table>

| Examples: Corporate bodies: |
|-----------------------------|-----------------|
| 046                         |                 |

---

<table>
<thead>
<tr>
<th>Known dates</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>046</td>
<td></td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Single year</th>
<th>Type of date</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>founded 1867</td>
<td>Single year of beginning</td>
<td>‡s 1867 ‡2 edtf</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Multiple</th>
<th>Example of <code>‡d</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>formed 1891, disbanded</td>
<td>2 046 fields:</td>
</tr>
</tbody>
</table>

---

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### Examples: Works and expressions:
#### Single Year Type of date | Example | 046
---|---|---
**year only** | composed 2008 | ‡k 2008 ‡2 edtf
**year of arrangement** | arranged by the composer in 1982 | ‡k 1982 ‡2 edtf
**probable year** | composed in 1795? | ‡k 1795? ‡2 edtf
**by a year** | composed by 1775 | ‡k [.1775] ‡2 edtf
**year and month** | August 1960 | ‡k 1960-08 ‡2 edtf
| composed no later than August 1762 | ‡k [.1762-08] ‡2 edtf
**year, month, and day** | December 27, 1927 | ‡k 1927-12-27 ‡2 edtf
**range of specific months within a single year** | composed September-November 1986 | ‡k 1986-09-11 ‡2 edtf

#### Range of years Type of date | Example | 046
---|---|---
**years** | composed 2006-2007 | ‡k 2006 ‡l 2007 ‡2 edtf
**range of years** | composed 2010-11 | ‡k 2010 ‡l 2011 ‡v Peter Fribbins WWW site, April 22, 2013 ‡u http://www.peterfribbins.co.uk/repertoire.html#piano [17] ‡2 edtf
**season** | written at Christmas 2011 | ‡k 2011 ‡l 2012 ‡2 edtf
**range of specific months over two or more years** | composed between December 16, 2011, and February 1, 2012 | ‡k 2011-02-01 2012-01-20 ‡2 edtf
**range of specific dates** | composed January 4-18, 1878 | ‡k 1878-01-04 ‡l 1878-01-18 ‡2 edtf
**beginning date uncertain; revised** | composed before November 1792; revised in 1793 | ‡k 1792-11-17 ‡l 1793 ‡2 edtf
**different years given in different sources** | 1890 given as date in one source, another source gives 1890 to the end of 1893 or the beginning of 1894 | ‡k 1890 ‡l [1893,1894] ‡2 edtf
**approximate year** | c. 1740 | ‡k 1740-002 edtf
**range of approximate years** | c1860-63 | ‡k 1860-002 edtf
**approximate decades** | late 1840s or early 1850s | ‡k [184X,185X] ‡2 edtf
**uncertain years** | composed probably after about 1717, 1736 at the latest | ‡k 1717-1736 ‡2 edtf

#### One of two known years Type of date | Example | 046
---|---|---
**different year of composition in different sources** | 2008 in one source, 2009 in another | ‡k 2008 ‡2 edtf
| 1977 in one source, 1978 in another | ‡k 1977 ‡v Dusapin, P. Trio, p1984 ‡2 edtf
| ‡k 1978 ‡v Grove music online WWW site, viewed June 9, 2014 ‡2 edtf

#### Multiple separate dates Type of dates | Example | 046
---|---|---
**date of composition and revision date** | composed 2003, revised 2005 composition finished at 3:00 PM, September 25, 2005 | ‡k (2003,2005) ‡2 edtf
| ‡k (2004-09-25T15:00,2013-09) ‡2 edtf
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<table>
<thead>
<tr>
<th>Dates of contents of a collection (aggregatio)</th>
<th>Type of dates</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>multiple single years</td>
<td>earliest and latest dates for 3 works published in a collection</td>
<td>‡o 2010 ‡p 2013 ‡2 edtf</td>
</tr>
</tbody>
</table>

Note: ‡k and ‡l have also been used to indicate composition and revision dates:
‡k 1985-09 ‡l 2009-07 ‡2 edtf

Source URL: https://web.library.yale.edu/cataloging/music/MARC046

Links
[1] http://web.library.yale.edu/cataloging/music
[9] http://web.library.yale.edu/cataloging/music/attributespersons#9.3.2
[10] http://web.library.yale.edu/cataloging/music/attributespersons#9.3.3
[12] http://web.library.yale.edu/cataloging/music/dateplacework
[17] http://www.peterfribbins.co.uk/reertoire.html#piano