German National Library
12 December 2013

Data Service: Changes in MARC 21 format for bibliographic data from week 03, 2014

Dear Sir or Madam

This is to inform you of the upcoming changes in the MARC-21 format for bibliographic data which apply as of week 03, 2014 (13 - 17 January 2014):

New MARC field 034 (geographic coordinates)

Geographic coordinates have been recorded for cartographic material in the map collection of the German National Library in Leipzig since July 2010. These geographic coordinates will be included in the newly released MARC field 034 in the future.

MARC field 034 Coded cartographic mathematical data (R)

Indicators
First	Type of scale	
	"0" – Scale indeterminable/No scale recorded	
Second	Type of ring	
	"_" – Not applicable (= default)	
	"0" - Outer ring	
	"1" – Exclusion ring	

Subfield codes

$d (NR)	Coordinates - westernmost longitude
$e (NR)	Coordinates - easternmost longitude
$f (NR)	Coordinates - northernmost longitude
$g (NR)	Coordinates - southernmost longitude
$0 (R)	Athourity record control number or standard number (ISIL or URI)
$2 (NR)	Source (Code from: Cartographic Data Source Codes der Library of Congress[1])
$9A: (R)	Indicator of representations:

Pos. 1:
"x"   Representation not applicable
"a"   Analogue representation
"d"   Decimal representation
Pos. 2:
"x"   Exactness not applicable
"g"   Exact coordinates
"c"   Inexact (approximate) coordinates
Pos. 3:
"x"   Ring-type not applicable
"0"   Outer ring
"1"   Exclusion ring

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[1] http://www.loc.gov/standards/sourcelist/cartographic-data.html

$d, $e, $f and $g

The coordinates in $d, $e, $f and $g are given in fixed positions:

- Analogue entries: "h¬ddd¬mm¬ss" (hemisphere, degrees, minutes, seconds)
- Decimal entries: "hddd.dddddd" (hemisphere-degrees.decimal degree)

The hemispheres have the following abbreviations: N = North, S = South, E = East, W = West.
In centre point coordinates, the latitude and longitude coordinates are given twice - in the subfields $d and $e and in $f and $g.

The use of further subfields in MARC field 034 is technically possible, but not planned.

Examples:
034 0_ $dE 011 58 14$fN 051 28 56
034 0_ $dE 012 22 30$fN 051 20 26

The official documentation of field 034 of the Library of Congress can be found at
http://www.loc.gov/marc/bibliographic/bd034.html.

Other changes in MARC export:

MARC field 250 (Edition statement) - Field is repeatable

As of the release of the 16th update of the MARC documentation in April 2013, MARC field 250 (Edition statement) is now defined as repeatable and will be used as such in the bibliographic data supplied in the future. Background information can be found in the two MARC proposals
http://www.loc.gov/marc/marbi/2012/2012-05.html and http://www.loc.gov/marc/marbi/2013/2013-03.html.

250 __ $aKolor. Gesamtausg.
250 __ $aNachdr.

MARC- 610 (Subject added entry - corporate name) : 1st indicator (Type of corporate name entry element)

In some cases indicator 1 is not being correctly implemented at present. The requirements have now been specified more closely and the conversion has been corrected accordingly.

Examples:
610 27 $0(DE-588)4018128-5$0(DE-101)040181286$aFrankfurter Nationalversammlung$2gnd
610 17 $0(DE-588)4296137-3$0(DE-101)042961378$aAargau$tSteuergesetz$2gnd

MARC field 610 (subject added entry - corporate name)

Up to now the subfield $f (date of a work) has not been supplied if there was a link to the Integrated Authority File (GND). This has been corrected and $f inserted after $t (title).

Examples:
610 17 $0(DE-588)4463260-5$0(DE-101)950959200$aBerlin$zOst$tVerfassung$f1990$2gnd

MARC field 730 (Added entry - Uniform title) - Name of the uniform title for sets of volumes

Uniform titles in data records of volumes are currently given in fields 130 (Main entry - uniform title) and 240 (Uniform title). This is not correct and will now be changed for all types of media except for music. The uniform title will then be given in field 730. The current practice will be retained for music.

Example:

245 10 $a<NSB>Der<NSE> magische Zirkel$nBd. 3.$pDie Erlösung$cLisa J. Smith. Aus dem Amerikan. von Ingrid Gross
730 0_ $a<NSB>The<NSE> secret circle$gdt.

Changes to the data of Series M (sheet music) and T (sound recordings)

MARC fields 130 (Main entry - uniform title), 240 (Uniform title) and 730 (Added entry - Uniform title): subfield $k (Form subheading) and subfield $h (Medium)

The previous practice for sheet music involved supplying the text information on the edition or alternatives in the MARC subfield $o and on the selection and/or arrangements in subfield $s. This did not conform to the representation given in the format concordance. After checking the export format, this information is now being implemented as follows:

Subfield $h (medium) is no longer used.
Subfield $k (form subheading) contains both information on the edition or alternatives and on the selection and/or arrangements.

Examples:
240 10 $0(DE-588)300627734$0(DE-101)300627734$aWerke$kAusw.
240 10 $aMessen und Psalmen (1650)$gDixit Dominus$k1$kArr.

MARC field 245 (Title statement)

Single work records for appended and included works serve to represent supplementary entries in accordance with RAK-Musik. For many of these data records it is not possible to make proper use of the mandatory MARC field 245; internally only a uniform title is given, but no main title. In such cases field 245 has not been supplied to date. In order to correct this, field 245 is to be filled with "[Kein Hauptsachtitel erfasst]" in the future. In these cases, the first indicator "Title added entry" is given the value "0" for "No added entry"; the creation of an index entry from the string "[kein Hauptsachtitel erfasst]" is not deemed to serve any useful purpose.

Example:
245 00 $a[Kein Hauptsachtitel erfasst]

Field 700 Added entry - Personal name: New function identifier code "sng" in subfield $4

The function identification code "voc" (vocalist) is no longer used in the current list http://www.loc.gov/marc/relators/relaterm.html (date: July 2013). Instead the code "sng" will be used as of the new release. The abbreviation "voc" will be issued as before in the subfield $e for the relator term.

Example:
700 1_ $0(DE-588)104033142$0(DE-101)104033142$aJöcker, Detlev$d1951-$4prf$4sng$evoc

The official Library of Congress documentation of the fields described can be found at http://www.loc.gov/marc/bibliographic/ecbdhome.html .

The full description of bibliographic data fields is available in PDF and Excel versions at http://www.dnb.de/EN/marc21. In order to provide a brief summary of the changes made since publication of the previous description, all changes to the previous version are given on the first pages in each case.

A sample file with the name TitelTestRelease01_2014 containing the notified changes and the new field can be found on our website at http://datendienst.dnb.de/cgi-bin/mabit.pl?userID=testdat&pass=testdat&cmd=login.

The text of this circular is also available on our homepage at http://www.dnb.de/EN/dataservicesnews.

If you have any questions please do not hesitate to mail us at datendienste@dnb.de or phone us on the usual numbers.

Best regards,
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