

15 June 2016

# Data Service: Changes in MARC 21 format for bibliographic data from 13 September 2016 (Export Release 03/2016)

Dear Sir or Madam

We would like to draw your attention to the Export Release 03/2016 of the MARC 21 format for bibliographic data.

## 1. Schedule

The changes apply from:

- | 13 September 2016  
(There may be disruptions to the interfaces and the Data Shop between 08:00 and 12:00 noon during the technical changeover.)
- | Delivery 37, 2016 of the Deutsche Nationalbibliografie, German Union Catalogue of Serials (ZDB) and catalogue enrichment data services<sup>1</sup>

## 2. Format changes

### 2.1. New MARC fields, subfields or indicators

#### 2.1.1. New MARC field 777 (Issued with entry) (R) and changes in the values in MARC field 773 (Host item entry) (R)

Appendix J<sup>2</sup> (relationship designations: relationships between works, expressions, manifestations, and items) to the "Resource Description and Access" (RDA)<sup>3</sup> rules has been revised and contains

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<sup>1</sup> <http://www.dnb.de/dataservice>

<sup>2</sup> <https://wiki.dnb.de/x/cxNSBg> (cf. AH-018)

<sup>3</sup> <http://www.dnb.de/EN/rda>

new relationship designations that necessitate revision of the allocation to MARC fields 77X/78X<sup>4</sup> and the introduction of MARC field 777.

The new MARC field 777<sup>5</sup> contains information concerning the publication that is separately catalogued but that is issued with or included in the target item (horizontal relationship).

### **MARC field 777 (Issued With Entry) (R)**

Indicators:

- | First indicator: "0" – Display note
- | Second indicator: "8" – No display constant generated

Subfield codes:

- | \$a – Main entry heading (NR)
- | \$d - Place, publisher, and date of publication (NR):  
Place (multiple locations concatenated together using "\_;\_" ) "\_:\_ "Publisher", "Date"
- | \$h - Physical description (NR)
- | \$i - Relationship information (R)  
Introductory text, for example:  
"Begleitet von"  
"Erscheint mit"  
"Verfilmt mit"  
"Auf Disk mit"
- | \$n – Note (R)
- | \$o – Other item identifier (R)
- | \$t – Title (NR)
- | \$w – Record control number (R):  
"(DE-600)"ZDB number  
"(DE-101)"Link number
- | \$x - International Standard Serial Number (NR)

In the future MARC field 773 (Host item entry) (R) will also contain information on "Sonderdruck aus" (offprint from). Reciprocally, MARC field 770 (Supplement/Special issue) (R) will then provide "Sonderdruck" (offprint) information.

The specifications for MARC field 776 (Additional physical form entry) (R) have been further refined.

Example:

777 08 \$iBegleitet von\$tMedizin – Haftung – Versicherung\$dBerlin, Heidelberg : Springer Berlin Heidelberg, 2016\$hOnline-Ressource\$w(DE-101)1078262047

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<sup>4</sup> Only the changes that affect the indicator or subfield values are listed here.

<sup>5</sup> <http://www.loc.gov/marc/bibliographic/bd777.html>

## 2.1.2. New MARC field 850 (Holding institution) (R)

In the previous data deliveries, no site-related information was included in the bibliographic data in MARC 21 format. In order to allow re-use of the metadata of the German National Library in other catalogues, it is useful to disclose details of the location of the unit described. MARC field 850<sup>6</sup> will be used for this in the future.

### MARC field 850 (Holding institution) (R)

Indicators:

	First indicator:	"_" – Undefined
	Second indicator:	"_" – Undefined

Subfield codes:

	\$a - Holding institution (R):
	- "DE-101a" (German National Library Leipzig)
	- "DE-101b" (German National Library Frankfurt am Main)
	- "DE-101c" (German National Library, German Music Archive)
	- "DE-101e" (German National Library, German Exile Archive 1933 - 1945)

All \$a subfields are issued in one MARC field 850.

Examples (extracts):

001 1078276021

100 1\_ \$0(DE-588)101105282\$0(uri)http://d-nb.info/gnd/101105282

\$0(DE-101)101105282\$aDietz, Otto\$eVerfasser\$4aut

245 00 \$a<NSB>Die<NSE>Zauberflöte\$bnach der Oper von Wolfgang Amadeus

Mozart\$cnacherzählt von Otto Dietz ; mit Lackmalereien von Galina Belousova

**850** \_\_ \$aDE-101a\$aDE-101b

001 1078459568

100 1\_ \$0(DE-588)118584596\$0(uri)http://d-nb.info/gnd/118584596

\$0(DE-101)118584596\$aMozart, Wolfgang Amadeus\$d1756-1791\$eKomponist\$4cmp

240 10 \$0(DE-588)1079035567\$0(uri)http://d-nb.info/gnd/1079035567

\$0(DE-101)1079035567\$aInstrumentalmusik\$kAuswahl

245 00 \$aBest of Mozart

**850** \_\_ \$aDE-101b\$aDE-101c

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<sup>6</sup> <http://www.loc.gov/marc/bibliographic/bd850.html>

### 2.1.3. MARC fields 210, 242, 245 and 247: New default value "0" (No added entry) for the first indicator (added entry under the title)

In the "Agreements on data exchange in MARC 21"<sup>7</sup> of the German-speaking library networks it was previously decided that the first indicator should be filled with the value "1" (Added entry) as standard in the title fields 210 (Abbreviated title) (R), 242 (Translation of title by cataloguing agency) (R), 245 (Title statement) (NR), 246 (Varying form of title) (R), 247 (Former title) (R) and 240 (Uniform title) (NR). This applied even when there was no 1XX field.

However, this was not RDA-compliant and caused cataloguing problems in WorldCat. It was therefore resolved at the 55th Session of the Arbeitsgruppe Kooperative Verbundanwendungen (AGKVA, a cooperative working group for the data exchange in the German-speaking countries) that the first indicator in these fields should only ever be filled with "0"(No added entry) in the data exchange (except fields 240 and 246). The corresponding data exchange agreement will be updated in the near future.

Example (extracts):

```
001 023101199
210 00 $aJES
245 00 $aJournal of ecumenical studies$cpublished by: University of Pennsylvania Press
```

### 2.1.4. MARC fields 7XX, 2nd indicator (Type of added entry): New value "2" (Analytical entry) for the title of the work in compilations

For titles of works in compilations, the value "2" (Analytical entry) will be used in the future for the second indicator. Previous practice was to use a "\_" (blank, No information provided) at this point. This change affects the MARC fields 700 (Added entry - Personal name), 710 (Added entry - Corporate name), 711 (Added entry - Meeting name) and 730 (Added entry - Uniform title).

Example (extracts):

```
001 1077458134
100 1_$(DE-588)1052192394$(uri)http://d-nb.info/gnd/1052192394
    $(DE-101)1052192394$aSvenson, Sven$d1966-$eVerfasser$4aut
240 10 $(DE-588)1077772440$(uri)http://d-nb.info/gnd/1077772440
    $(DE-101)1077772440$a4 gesammelte Kurzgeschichten
245 00 $a4 gesammelte Kurzgeschichten$cSven Svenson
700 12 $(DE-588)1077773013$(uri)http://d-nb.info/gnd/1077773013
    $(DE-101)1077773013$aSvenson, Sven$d1966-$t<NSB>Die<NSE> Fremden von der
    Erde
```

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<sup>7</sup> <http://www.dnb.de/SharedDocs/Downloads/DE/DNB/wir/marc21VereinbarungDatentauschTeil1.pdf>

700 12\$(DE-588)1077773102\$(uri)http://d-nb.info/gnd/1077773102  
 \$(DE-101)1077773102\$aSvenson, Sven\$d1966-\$t<NSB>Der<NSE> dritte Versuch  
 700 12 \$(DE-588)107777317X\$(uri)http://d-nb.info/gnd/107777317X  
 \$(DE-101)107777317X\$aSvenson, Sven\$d1966-\$tPlan B  
 700 12 \$(DE-588)107777320X\$(uri)http://d-nb.info/gnd/107777320X  
 \$(DE-101)107777320X\$aSvenson, Sven\$d1966-\$tPantheon

## 2.1.5. Addition of further multiscript fields

The desire was expressed for the introduction of additional multiscript fields for the correct and more comprehensive description of bibliographic data within the German Union Catalogue of Serials (ZDB). This is now being implemented in this release.

The following MARC fields are now prepared for deliveries with multiscript information and can contain subfield \$6 (Linkage) (NR) as the primary field:

- | 130 (Main entry - Uniform title) (NR)
- | 240 (Uniform title) (NR)
- | 250 (Edition statement) (R)
- | 760 (Main series entry) (R)
- | 762 (Subseries entry) (R)
- | 765 (Original language entry) (R)
- | 776 (Additional physical form entry) (R)
- | 777 (Issued with Entry) (R)

The information about the other script is conveyed in field 880 "Alternate Graphic Representation". Further details can be found in the full field description<sup>8</sup> in Section 3.5.

Example:

776 08 \$6880-01\$iReproduktion von\$tZhong hua min guo tai min ren kou tong ji ji kan  
 880 08 \$6776-01\$iReproduktion von\$t中華民國臺灣人口統計季刊

Note regarding test data:

Because no entry is possible in the corresponding fields at the time of issuing the test file, we are providing records with original language information in already existing fields to represent the structure of the linking of such fields to field 880.

## 2.2. Further information on format

### 2.2.1. MARC field 006 (Fixed-length data elements - Additional material characteristics - Continuing resources): Also used for music issued as a serial publication

For sheet music, it was not possible also to express the aspect of "continuous resource" in MARC field 008. Only the aspect of "Music" was transported in field 008. MARC field 006 which is already used to communicate the publication frequency of journals is now also being used to convey the

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<sup>8</sup> <http://nbn-resolving.de/urn:nbn:de:101-2016042507>

fact that the material is a serial publication of sheet music.

In cases where the Leader/06 contains "c" (Notated music), "d" (Manuscript notated music - currently not used), "i" (Non-musical sound recording) or "j" (Musical sound recording) and at the same time the Leader/07 is filled with "s" (Serial), MARC field 006 is delivered with position 00 set to "s" (Serial/Integrating resource). The positions 1 to 17 correspond to the MARC field 008 CR positions 18 to 34. This means that position 4 of MARC field 006 also corresponds to position 21 of MARC field 008 (Type of continuing resource).

Example (extracts):

```
Leader 00624njs a2200229 c 4500
001 1068186100
006 su|m|__||_0|||0
007 s|||||||
008 150309c20149999xxk||||| ||||| c
245 00 $aMusic of 19th century Jewish German composers$hTonträger
264 31 $a[Wyaston]$bCameo Classics$c2014-
362 0_ $aNachgewiesen:4.2014 -
```

## 2.2.2. MARC field 008 (Fixed-length data elements - All materials), new value for position 06 (Type of date/Publication status)

For completed multi-part monographs in which the final year is given in the source data, the previously unused value "m" (Multiple dates) will be delivered in MARC field 008 at position 06. Previously, "s" (Single known date/probable date ) was given.

## 2.2.3. In the future, metadata from the German Union Catalogue of Serials (ZDB) will contain information on personal names and on the target audience

As of this export release, it will also be possible to include information on personal names in the German Union Catalogue of Serials (ZDB) which are exported to MARC fields 100 (Main entry - Personal name) and 700 (Added entry - Personal name). In the ZDB it will also be possible to enter information on the target audience. This will then be delivered in MARC field 385 (Audience characteristics) which is already used for DNB bibliographic data.

# 3. Further information and test data

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/marc21>.

In order to provide a brief overview of the changes made since publication of the previous description, all changes to the previous version are given on the first pages of the PDF versions in each case.

A sample file containing the notified changes can be found at <http://datendienst.dnb.de/cgi-bin/mabit.pl?userID=testdat&pass=testdat&cmd=login> under file name "TitelTestRelease03\_2016".

## 4. Unconfirmed advance information about the next but one release

Please note that this advance information on possible future changes is, by its nature, incomplete; changes may also be postponed to a later release or shelved entirely. Similarly, there may also be further major changes to the content. Which points are actually implemented can be found in the relevant release notification which will be issued in mid-October 2016.

Further information on the release cycle can be obtained from: <https://wiki.dnb.de/x/wgcbBQ>

Planned changes in the **next release but one**, scheduled for mid-January 2017, include the following:

### **Bibliographic data:**

- | In the 78X MARC fields (Preceding entry, Succeeding entry, Data source entry, Other relationship entry) certain information is not delivered in the current conversion on the subseries (Title of subseries and series name and/or - number of the subseries as printed on work). This is being corrected and will be delivered as information either in a separate subfield or as text in \$t (Title).

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

Yours faithfully,  
on behalf of Deutsche Nationalbibliothek (German National Library)

Heike Eichenauer

\*\*\* Reading. Hearing. Understanding. German National Library \*\*\*

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