

6 November 2023

# Metadata Services: Changes in MARC 21 format for bibliographic data from 6 February 2024 (Export Release 2024.01)

Dear Sir or Madam

We would like to draw your attention to the Export Release 2024.01 of the MARC 21 format for bibliographic data.

Formats are modified in a fixed chronological sequence (release cycle)<sup>1</sup>. We announce these modifications three months beforehand and keep you informed via the Metadata service newsletter<sup>2</sup>.

## 1. Schedule

### 1.1. External test phase

The release planning includes an external test phase. The field description and the test data are published at the beginning of this phase (see section 3). In the subsequent two weeks all data purchasers can evaluate the test data for errors or irregularities and report them. For the 2024.01 release, the external test phase is:

| 6 – 17 November 2023

Please send any feedback (including examples) by 17 November 2023 to [metadatendienste@dnb.de](mailto:metadatendienste@dnb.de).

No further adjustments will be made to the scheduled release once the external test phase has ended. If we receive feedback at a later date, we will examine whether any corrections can be made; such corrections will not be issued any earlier than the following release.

The test data will be also available for testing the import after the end of the external test phase.

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<sup>1</sup> <https://wiki.dnb.de/x/wgcbBQ>

<sup>2</sup> <https://www.dnb.de/metadatanews>

## 1.2. Productive use

The changes will apply from:

- | 6 February 2024 (There may be disruptions to the interfaces and the Data Shop between 08:00 and 12:00 noon during the technical changeover.)
- | Delivery 6, 2024 of the ZDB change service expected available 7 February 2024

## 2. Format changes

### 2.1. MARC field 082 (Dewey Decimal Classification Number) (NR) and 083 (Additional Dewey Decimal Classification Number) (R): change for \$2 (Edition number) (NR) with value "22/BSB" for \$q (Assigning agency) (NR) and first indicator (Type of edition)

For some time, bibliographic data in the German Union Catalogue of Serials (ZDB) has included so-called "BSB-DDC" numbers, assigned mostly by the Bavarian State Library (BSB) but also by other institutions.

These numbers are transported in MARC fields 082 (Dewey Decimal Classification Number (NR) and 083 (Additional Dewey Decimal Classification Number) (R), in each case by entering the value "22/BSB" in subfield \$2 (Edition number) (NR). Until now, this edition number was transported in combination with a subfield \$q (Assigning agency) (NR) "DE-101" and the first indicator (Type of edition) "0" ("Full edition").

However, this combination and the individual statements are inaccurate, since neither a full edition of the DDC nor DDC numbers assigned by the German National Library are used.

For this reason, a subfield \$q (Assigning agency) will no longer be transported with a \$2 (Edition number) (NR) containing the value "22/BSB" in the future. The value "7" (Other edition specified in subfield \$2) will accordingly be used for the first indicator (Type of edition).

Example in outlines:

```
XXXXXnas a22XXXXX c 4500
001 01001621X
003 DE-101
005 20220903040338.0
007 tu
008 991118c19629999xx u||p| ||| 0||||1||| c
016 7_ $2DE-600$a953082-4
016 7_ $2DE-101$a01001621X
035 __ $a(DE-599)ZDB953082-4
035 __ $a(OCOLC)310833287
040 __ $a9001$bger$cDE-101$d9999
042 __ $azdb
044 __ $cXA-SUHH
082 74 $a010$qDE-600$222sdb
```

**083** 7\_ \$83\u\$a020\$222/BSB  
**083** 7\_ \$84\u\$a070.9\$222/BSB  
**083** 7\_ \$82\u\$a809\$222/BSB  
 085 \_\_ \$82\u\$b809  
 085 \_\_ \$82\u\$z2\$s4793  
 085 \_\_ \$83\u\$b020  
 085 \_\_ \$83\u\$z2\$s4793  
 085 \_\_ \$84\u\$b070.9  
 085 \_\_ \$84\u\$z2\$s4793  
 242 00 \$aÜbers.: Die Druckerzeugnisse der Litauischen SSR\$yger  
 245 00 \$aLietuvos TSR spauda\$bvalstybinė suvestinė bibliografija = Pečat' Litovskoj SSR\$cLietuvos  
 TSR Valstybinis Leidyklu, Poligrafijos ir Knygu Prekybos Reikalų Komitetas ; Lietuvos TSR Knygu  
 Rūmai  
 ...

## 2.2. Introduction of new MARC field 927 (Additional numbers of the DNB) (R)

The German National Library is currently working to create the technical conditions required for re-use of the holdings within the framework of the legal e-deposit regulation.

The so-called "IDO" (DNB identification number for a depositor of online publications) will therefore be transported in the MARC 21 export format from now on.

A new MARC field with the tag and name

| 927 "Additional numbers of the DNB" (R)

is to be introduced for this purpose. The field comprises the following indicators and subfields:

| First Indicator: # (undefined)  
 | Second Indicator: # (undefined)  
 | Subfield \$a [ID of the organisation account (IDO) from the DNB's delivery management system (DMS)] (NR)  
 | Subfield \$b [Other depositor identification provided by the DNB (no IDO)] (NR)

The order of the MARC subfields is: \$a \$b

Example in outlines:

```

XXXXXnaa a22XXXXXuc 4500
001 127905381X
003 DE-101
005 20230124214923.0
007 cr|||||||||
008 230124s1480 gw ||||o||| 00||||eng
016 7_ $2DE-101$a127905381X
024 7_ $a10.1016/j.envres.2022.114770$2doi
024 7_ $2urn$aurn:nbn:de:bvb:19-epub-93980-6
024 8_ $aftmuenchenepub:oai:epub.ub.uni-muenchen.de:93980
035 __ $a(DE-599)DNB127905381X
040 __ $a1240$bger$cDE-101$d9999
041 __ $81\p$aeng
  
```

044 \_\_ \$cXA-DE  
 082 74 \$88\p\$a690\$qDE-101\$223sdb  
 100 1\_ \$82\p\$aHerbig, Britta\$eVerfasser\$4aut  
 245 10 \$aEffects of increased recirculation air rate and aircraft cabin occupancy on passengers' health and well-being – Results from a randomized controlled trial  
 264 1\_ \$bLudwig-Maximilians-Universität München\$c1480  
 300 \_\_ \$aOnline-Ressource  
 336 \_\_ \$aText\$btxt\$2rdacontent  
 337 \_\_ \$aComputermedien\$bc\$2rdamedia  
 338 \_\_ \$aOnline-Ressource\$bcr\$2rdacarrier  
 506 0\_ \$aOpen Access\$fUnrestricted online access\$qBASE\$uhttp://purl.org/coar/access\_right/c\_abf2\$2star  
 ...  
 653 \_\_ \$aMedizin  
 700 1\_ \$83\p\$aNorrefeldt, Victor\$eVerfasser\$4aut  
 700 1\_ \$84\p\$aFlorian, Mayer\$eVerfasser\$4aut  
 700 1\_ \$85\p\$aAnna, Reichherzer\$eVerfasser\$4aut  
 700 1\_ \$86\p\$aFang, Lei\$eVerfasser\$4aut  
 700 1\_ \$87\p\$aPawel, Wargocki\$eVerfasser\$4aut  
 773 08 \$tDatenlieferant: Open Access LMU (Ludwig-Maximilians-University Munich)  
 856 40 \$uhttps://doi.org/10.1016/j.envres.2022.114770\$xResolving-System  
 856 40 \$uhttps://nbn-resolving.org/urn:nbn:de:bvb:19-epub-93980-6\$xResolving-System  
 856 4\_ \$uhttps://epub.ub.uni-muenchen.de/93980/1/Herbig\_etal\_2022\_EnvironmentalResearch.pdf\$xVerlag\$zkostenfrei  
 856 4\_ \$uhttps://epub.ub.uni-muenchen.de/93980/\$xVerlag\$zkostenfrei  
 883 1\_ \$81\p\$a\$anpi\$d20230124\$qDE-101\$uhttps://d-nb.info/provenance/plan#npi  
 883 1\_ \$82\p\$a\$anpi\$d20230124\$qDE-101\$uhttps://d-nb.info/provenance/plan#npi  
 883 1\_ \$83\p\$a\$anpi\$d20230124\$qDE-101\$uhttps://d-nb.info/provenance/plan#npi  
 883 1\_ \$84\p\$a\$anpi\$d20230124\$qDE-101\$uhttps://d-nb.info/provenance/plan#npi  
 883 1\_ \$85\p\$a\$anpi\$d20230124\$qDE-101\$uhttps://d-nb.info/provenance/plan#npi  
 883 1\_ \$86\p\$a\$anpi\$d20230124\$qDE-101\$uhttps://d-nb.info/provenance/plan#npi  
 883 1\_ \$87\p\$a\$anpi\$d20230124\$qDE-101\$uhttps://d-nb.info/provenance/plan#npi  
 883 1\_ \$88\p\$a\$anpi\$d20230124\$qDE-101\$uhttps://d-nb.info/provenance/plan#npi  
**927** \_\_ \$a785055750\$bftmuenchenepub

## 2.3. MARC field 533 (Reproduction Note) (R): new descriptive structure and introduction of subfield \$m (Dates and/or sequential designation of issues reproduced) (R)

In its meeting of 10 May 2023, the Cooperative Network Applications Working Group (AGKVA) accepted a proposal for the restructuring of reproduction information in the PICA format, based on the subfield structure of MARC field 533. The following adjustments have therefore been made when exporting data in the MARC format:

The transportation of MARC field 530 (Additional Physical Form Available Note) (R) in the ZDB's bibliographic data will be dispensed with in the future.

Instead, reproduction information will be delivered exclusively in MARC field 533 (Reproduction Note) (R).

Subfield \$m (Dates and/or sequential designation of issues reproduced) (R) has been adopted from the MARC 21 standard for MARC field 533<sup>3</sup> and is being used for the first time.

MARC field 533 is a field that can be used for multiscript cataloguing, and in this case it contains the transliterated form in Latin script; non-Latin (original) script is delivered in a parallel MARC field 880<sup>4</sup>.

Example in outlines:

```
XXXXXnas a22XXXXX c 4500
001 102110342X
003 DE-101
005 20231016152414.0
007 cr|cn 024||aa|
008 120326d18401898xx u||p|o ||| 0|||1ger c
016 7_ $2DE-600$a2656924-3
016 7_ $2DE-101$a102110342X
024 7_ $2urn$aurn:nbn:de:gbv:3:3-31178
024 7_ $2urn$aurn:nbn:de:hbz:061:1-181334
035 __ $a(DE-599)ZDB2656924-3
035 __ $a(OCOLC)826599823
040 __ $a0003$bger$cDE-101$d9001
041 __ $ager
042 __ $azdb
044 __ $cXA-DXDE
082 74 $a370$qDE-600$222sdbn
090 __ $nla$ndm$nl$d$nsc
110 2_ $0(DE-588)601236-X$0https://d-nb.info/gnd/601236-X$0(DE-
101)006012361$aLateinische Hauptschule zu Halle$eVerfasser$4aut$2gnd
245 10 $aProgramm der Lateinischen Hauptschule in Halle$bfür d. Schuljahr ...
246 3_ $aTest-Satz ILT-8304
264 31 $aHalle, S.$b[Verlag nicht ermittelbar]$c1840-1898
336 __ $aText$btxt$2rdacontent
337 __ $aComputermedien$bc$2rdamedia
338 __ $aOnline-Ressource$bcr$2rdacarrier
362 0_ $a1839/40(1840); 1841/42(1842) - 1897/98(1898)
363 00 $81.1\x$i1839/40
363 00 $82.1\x$i1841/42
363 10 $82.2\x$i1897/98
500 __ $aReproduktion
5335 __ $eOnline-Ausgabe
533 __ $aOnline-Ausgabe$bHalle, Saale$cUniversitäts- und Landesbibliothek Sachsen-
Anhalt$d2012$eOnline-Ressource$fSchulschriften digital aus der Universitäts- und Landesbibliothek
Sachsen-Anhalt, Halle$m1844 - 1854; 1881; 1883; 1884 - 1888$7d18441888
533 __ $aOnline-Ausgabe$bDüsseldorf$cUniversitäts- und Landesbibliothek$d2013$eOnline-
Ressource$m1883/84 - 1894/95$7d18841895
...
```

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<sup>3</sup> <https://www.loc.gov/marc/bibliographic/bd533.html>

<sup>4</sup> <https://www.agkva.org/888242289.html> (Only available in German)

<sup>5</sup> Assignment of the source field Pica 033Q no longer corresponds to current cataloguing practice.

### 3. Further information and test data

The official Library of Congress documentation of the fields described can be found at <https://www.loc.gov/marc/bibliographic/>.

The full description of bibliographic data fields is available in PDF and Excel versions at <https://www.dnb.de/EN/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 metadata with the announced changes will be made available in the following days in MARC 21 and MARC21-xml formats with the file name "TitelTestRelease2024\_01" under <https://data.dnb.de/testdat>.

### 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<sup>6</sup> or omitted entirely. Similarly, there may also be further major changes to the content. Please refer to the release announcement to be published in March 2024 (which will go into productive use in June 2024) for information on the specific points to be implemented.

For the next but one release, no changes are being planned at the moment.

If you have any questions, please do not hesitate to mail us at [metadatendienste@dnb.de](mailto:metadatendienste@dnb.de).

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<sup>6</sup> <https://wiki.dnb.de/x/wgcbBQ>