19 October 2016

Data Service: Changes in MARC 21 format for bibliographic data from 17 January 2017 (Export Release 2017.01)

Dear Sir or Madam

We would like to draw your attention to the Export Release 2017.01 of the MARC 21 format for bibliographic data.

1. Schedule

The changes apply from:

| 17 January 2017
(There may be disruptions to the interfaces and the Data Shop between 08:00 and 12:00 noon during the technical changeover.)
| Delivery 03, 2017 of the Deutsche Nationalbibliografie, German Union Catalogue of Serials (ZDB) and catalogue enrichment data services[1]

2. Format changes

2.1. New MARC fields, subfields or indicators

2.1.1. New 1st indicator in the local MARC field 925 (Other DNB codings) (R) and new value in subfield $a (Code depending on indicator) (R)

As part of the "Regional window - Use of regional legal deposit e-papers via regional window solution"[2] project, e-papers which belong to the e-paper newspapers collection of the German National Library are identified as such in the bibliographic data and are delivered with a code.

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[1] http://www.dnb.de/dataservice
[2] http://www.dnb.de/regionalwindow

MARC field 925 (Other DNB codings) (R)

Indicators:

| First indicator: "s" - Allocation to a collection
| Second indicator: "_" - Undefined

New subfield codes:

| $a - Code depending on indicator (R):
"ep" = e-paper

Example:

245 10 $aSüddeutsche Zeitung$bneueste Nachrichten aus Politik, Kultur, Wirtschaft und
Sport$nHF2 HK2 HS2 HH2 [Elektronische Ressource]
925 r_ aroara
925 s_ $aep

2.2. New content

2.2.1. MARC field 006 (Fixed-length data elements - additional material characteristics – Continuing resources): Also used for other types of resource issued as a serial publication

In the last release, MARC field 006 was introduced for sheet music which is also a serial publication. In response to customer inquiries it has now been decided to use the field also for other types of resource in order to show that these are also serial publications.
Also in the cases in which the leader/06 contains the identifier[3] as cartographic material ("e", "f"), visual materials ("g", "k", "o", or "r"), computer files ("m"), mixed materials ("p") or manuscript language materials ("t") and position 07 with "s" (serial), MARC field 006 is delivered with "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 serial).

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[3] The full range of identifiers is currently not used in the data deliveries.

Examples (extracts):

Cartographic material:
001 1001454669
006 sz||m| ||| 0||||0
007 a|||||||
007 tu
008 100412c20079999it |||||||b|| ||||ger c
245 00 $aLuftbildpanorama & Wanderkarte$bwandern, biken, Information

Visual material:
001 975613510
006 sz||m| ||| 0||||0
007 v||||||||
008 050711c19949999gw ||||||||||| |||||ger c
245 00 $aFilmdokumente des Stadtarchivs Nürnberg$hBildtonträger

2.2.2. MARC field 084 (Other classification number) (R) provides details from the specialised information services

The FID identifier[4] of the specialised information services[5] sponsored by the DFG (German Research Foundation) is to be delivered from this release in MARC field 084 in the following form. As an interim solution this information is already being conveyed in subfield $a. Retrospective revision and renewed delivery via the ZDB change service and the OAI interface is currently being planned.

MARC field 084 (Other classification number) (R)

Indicators:

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

New content of following subfield codes:

| $a – Classification number (R):
    Numbers of the special subject collections based on the DFG special subject collection plan and FID identifier in the following form:
    Discipline and subdiscipline (entries separated by hyphens, no commas, no special characters, upper case, no diacritical marks ; discipline: 3-8 characters, subdiscipline: maximum 3 characters)
    Examples: "THEO" or "INTRECHT"
| $q – Assigning agency (R):
    ISIL of the supervisory body (ISIL and scribal abbreviation list online: http://sigel.staatsbibliothek-berlin.de/nc/en/suche/)
| $2 – Number source (NR):
    "fid" - Specialised information services for science

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[4] http://sigel.staatsbibliothek-berlin.de/fid-kennzeichen
[5] http://www.dfg.de/en/research_funding/programmes/infrastructure/lis/
    funding_opportunities/informationservice_science/index.html

2.2.3. Omission of the prefix "(uri)" in the subfields $0

As a result of a decision[6] taken by the MARC Advisory Committee regarding the URIs in subfields $0, the prefix "(uri)" will now be omitted. The decision is based on a discussion paper[7] entitled "Redefining Subfield $0 to Remove the Use of Parenthetical Prefix '(uri)' in the MARC 21 Authority, Bibliographic, and Holdings Formats" which was introduced by the PCC Task Group on URIs[8] into MARC.

The following MARC fields are affected by this change in the DNB deliveries:
034, 100, 110, 111, 130, 240, 380, 381, 382, 385, 600, 610, 611, 630, 650, 651, 655, 689, 700, 710, 711, 730 and 751.

Example (extracts):

001 1076020119
100 1_ $0(DE-588)124270239$0http://d-nb.info/gnd/124270239$0
        (DE-101)124270239$aJourist, Igor$eVerfasser$4aut
245 00 $aBildwörterbuch Französisch Deutsch$cAutor: Igor Jourist
264 _1 $aHamburg$bJourist Verlags GmbH$c[2015]
300 ___ $a416 Seiten$c17 cm
650 _7 $0(DE-588)4113615-9$0http://d-nb.info/gnd/4113615-9$0
        (DE-101)041136152$aFranzösisch$2gnd
650 _7 $0(DE-588)4113292-0$0http://d-nb.info/gnd/4113292-0
        $0(DE-101)041132920$aDeutsch$2gnd

Instead of previously:
001 1076020119
100 1_ $0(DE-588)124270239$0(**uri**)http://d-nb.info/gnd/124270239$0
        (DE-101)124270239$aJourist, Igor$eVerfasser$4aut
245 00 $aBildwörterbuch Französisch Deutsch$cAutor: Igor Jourist
264 _1 $aHamburg$bJourist Verlags GmbH$c[2015]
300 ___ $a416 Seiten$c17 cm
650 _7 $0(DE-588)4113615-9$0(**uri**)http://d-nb.info/gnd/4113615-9$0
        (DE-101)041136152$aFranzösisch$2gnd
650 _7 $0(DE-588)4113292-0$0(**uri**)http://d-nb.info/gnd/4113292-0
        $0(DE-101)041132920$aDeutsch$2gnd

2.2.4. MARC fields 76X - 78X: Delivery of subseries in subfield $t (Title) (NR)

In the present conversion, the subseries information (titles of the subseries and series name and/or number of the subseries in specified form) has not been delivered in fields 76X - 78X to date. This has now been corrected and in the future, titles of the subseries, number and series name will be delivered in subfield "t" (Title).

| $t – Title (NR):
  - Title"._"Title of subseries"._"Number",_"Series name

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[6] http://www.loc.gov/marc/mac/minutes/an-16.html
[7] http://www.loc.gov/marc/mac/2016/2016-dp18.html
[8] http://www.loc.gov/aba/pcc/bibframe/TaskGroups/URI-TaskGroup.html

Example (extracts):

001 976664135

245 00 $Fachserie / Statistisches Bundesamt, Wiesbaden$n18$pVolkswirtschaftliche Gesamtrechnungen$nReihe 1$pInlandsproduktsberechnung$n4$pDetaillierte Jahresergebnisse : Stand: …

780 00 $iVorg.:$aDeutschland / statistisches Bundesamt$tFachserie / 18 / 1 / 2. 18, Volkswirtschaftliche Gesamtrechnungen. Reihe 1, Konten und Standardtabellen. 2, Vorbericht / Statistisches Bundesamt, Wiesbaden$dWiesbaden : Statistisches Bundesamt, 1993-200$x0935-9486$w(DE-600)1113076-3$w(DE-101)016427467

2.3. Further information on the format

| MARC field 035 (System control number) (R) $a: Delivery of the ID number of the insolvent company Swets & Zeitlinger (Swets number) is being discontinued.
| MARC fields 76X - 78X: For some time now, the first name has erroneously not been delivered in $a of a work of an intellectual creator. This has now been corrected.
| MARC field 022 (International Standard Serial Number) (R) $z (cancelled ISSN) (R): subfield is now delivered, although initially only for title notifications to the ISSN centre in Paris.
| MARC field 787 (Other relationship entry) (R) $i (Relationship information): The relationship identifiers of appendix M[9] (Topical relationships) will now be delivered.

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/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 the notified changes can be found at http://datendienst.dnb.de/cgi-bin/mabit.pl?userID=testdat&pass=testdat&cmd=login under file name "TitelTestRelease01_2017".

4. Unconfirmed advance information about the next but one release

Information on the release cycle can be obtained from: https://wiki.dnb.de/x/wgcbBQ.

The information on releases 2017.02 and 2017.03 have only been published provisionally, as changes are being made to the DNB conversion service. For this reason, advance information on the planned format modification for release 2017.02 is unfortunately not possible.

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[9] https://wiki.dnb.de/x/cxNSBg under AH-022, Beziehungskennzeichnungen: Themenbeziehungen (Anhang M)

If release 2017.02 is dispensed with, advance information on the 2017.03 release will be published during the course of February 2017. 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 in fact implemented can be found in the corresponding release announcement which will be published in mid-June 2017.

If you have any questions please do not hesitate to mail us at 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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