German National Library
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Changes in MARC 21 format for bibliographic data from 1 October 2015 (Export Release 03/2015 = RDA Release)

1. General information

Dear Sir or Madam

We would like to draw your attention to the Export Release 03/2015 of the MARC 21 format for bibliographic data.

Descriptive cataloguing of bibliographic data based on the "Resource Description and Access" (RDA)[1] standard will commence on 1 October 2015 at the German National Library (DNB). The text below documents the resulting changes and additions to MARC 21 format for bibliographic metadata. There are no plans for revision/retrospective processing of all existing bibliographic descriptions (legacy data) to RDA rules, although the revision of individual fields is being considered. Current data deliveries of the Deutsche Nationalbibliografie series will continue to contain data records catalogued using RAK-WB until the training courses at the DNB have been completed at the end of 2015. In the future, existing data which were originally catalogued using RAK-WB or other cataloguing codes may contain individual RDA-based elements. If a data record is catalogued using RDA, it will be marked accordingly in the 040 MARC field (see 6.2.3.).

Further information on the start of RDA cataloguing in the German Union Catalogue of Serials (ZDB) can be found at:
http://www.zeitschriftendatenbank.de/nc/aktuelles/einzelansicht/article/2015-01-13-8954/

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[1] http://www.dnb.de/EN/rda

2. Schedule:

The changes apply from:

| 1 October 2015
(There may be disruptions to the interfaces and the Data Shop between 08:00 and 12:00 during the technical changeover.)
| Delivery 41, 2015 of the DNB, ZDB and catalogue enrichment data services

3. Information on RDA

Detailed information on RDA is available from the freely accessible RDA-Info-Wiki[2]. This also contains further details on the code and the RDA toolkit[3] (access modalities etc.).

4. Information on implementation

| On implementation of the FRBR model[4] upon which RDA is based:
In accordance with the resolution of the Standardisation Committee of 31 May 2012[5], implementation will be based on Scenario 2 (linking of authority and bibliographic data plus composite description) and, as far as possible, on the basis of the existing cataloguing formats and the exchange format MARC 21. This means that elements of the work and expression level are included in the "composite description" within the data format.
In addition, an authority record can be created manually by cataloguing staff for the work level in the Integrated Authority File (GND) and linked to the "composite description". Elements for the work are thus also entered into a GND work data record.
When RDA is introduced, the FRBR entity "Expression" will not be represented as a separate entity, rather it will be part of the "composite description" or of the GND data record of the work (for sheet music).
| Representation of relationships:
Possible RDA relationships include FRBR group 1 to FRBR group 1 (work, expression, manifestation, item), or the relationships between FRBR group 2 (person, family, corporate body) and FRBR group 1 entities. Relationship designators are generally used for this in the MARC data.

Slides created for presentations[6] given during the system provider workshop on RDA implementation and other detailed information on implementation, including format conventions and mapping tables[7], can be found in the RDA-Info-Wiki[8].

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[2] https://wiki.dnb.de/x/AIkVAw
[3] https://wiki.dnb.de/x/56SkBQ
[4] http://www.ifla.org/publications/functional-requirements-for-bibliographic-records
[5] https://wiki.dnb.de/download/attachments/94676205/Beschluss_RDA_20120531_endx.pdf
[6] https://wiki.dnb.de/x/5ADoBQ
[7] https://wiki.dnb.de/x/ngroBQ
[8] https://wiki.dnb.de/x/AIkVAw

5. Information on field description

| | MARC fields which are no longer delivered following the introduction of RDA will initially be retained in the field description in the form of a corresponding note (see e.g. MARC field 260).
| | Content is structured more precisely as a result of the RDA cataloguing code. To achieve this, new fields are generally inserted in the cataloguing format to permit RDA-conformant entries which are then converted into another MARC field. However, in the case of data records not marked "rda", some of the corresponding details are delivered in the previously used MARC fields. (Example: Information on "Freiwillige Selbstkontrolle" in MARC fields 521 (new) and 090 (legacy data)]. In some cases the documentation contains corresponding notes.
| | The field description will be comprehensively revised step-by-step using the RDA vocabulary.

6. Format changes

6.1. New MARC fields, subfields or indicators

6.1.1. MARC fields 100 (Main entry - Personal name) (NR), 110 (Main entry – Corporate name) (NR), 111 (Main entry – Meeting name) (NR): New subfields $e and $j (Relator term) (R) and new content in $4 (Relator code) (R)

MARC fields which are used for main entries now contain information on relationship designators of creators (persons, corporate bodies) in text form in subfield $e and, in the case of meetings, in MARC field 111 subfield $j. The default value for subfield $4 (Relator code) is "aut".[9]

MARC fields 100 (Main entry - Personal name) (NR) and 110 (Main entry – Corporate name) (NR)

Subfield codes:

| | $e – Relator term (R):
German RDA relationship designators as per RDA Appendix[10] I
| | $4 Relator code (R):
"aut" (= default),
other codes from the MARC Code List for Relators[11]

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[9] See also https://wiki.dnb.de/x/ngroBQ [Topic "Beziehungen zu Personen/Familien/Körperschaften (FRBR 2:1)"]
[10] https://wiki.dnb.de/x/56SkBQ
[11] http://www.loc.gov/marc/relators/relacode.html

Examples:

100 1_ $0(DE-588)138563829$0(DE-101)138563829$aArnold, Werner$d1944-$eVerfasser$4aut

100 1_ $0(DE-588)11850553X$0(DE-101)11850553X$aBach, Johann Sebastian$d1685-1750 $eKomponist$4cmp

110 2_ $0(DE-588)1005094-2$0(DE-101)004029119$aDeutsche Gesellschaft für Neurologie $eVerfasser$4aut

MARC field 111 (Main entry — Meeting name) (NR)

Subfield codes:

| $j — Relator term (R):
  German RDA relationship designators as per RDA Appendix I[12]
| $4 Relator code (R):
  "aut" (= default),
  other codes from the MARC Code List for Relators[13]

Example:

111 2_ $0(DE-588)1200002504$0(DE-101)1200002504$aKolloquium Gemeinsame Forschung in der Klebtechnik$n15.$d2015$cKöln$jVerfasser$4aut

6.1.2. New indicators in MARC field 246 (Varying form of title) (R), change in subfield $i (Display text) (NR)

In the case of varying forms of title for which an added entry is to be created, the new first indicator "3" is issued and also the 2nd indicator "_" is used for the first time. The output in subfield $i (Display text) has also been modified.

The order of the MARC subfields is: $i $a.

MARC field 246 (Varying form of title) (R)

Indicators

| First: Note / Added entry
                "1" - Note, added entry (=default)
                "3" - No note, added entry
| Second: Type of title
                "_" — No type specified
                "0" — Portion of title
                "3" - Other title (=default)
                "9" — Title proper in heading form (no longer used in data records marked as "rda")

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[12] https://wiki.dnb.de/x/56SkBQ
[13] http://www.loc.gov/marc/relators/relacode.html

Subfield codes

| $i - Display text (NR):
Introductionary phrase, possibly including information about limited temporal validity, or
"Nebent.:"

Example:

245 10 $aPlättchen & Co. digital$b6 mal 6 Module für die Grundschulmathematik ; Lehrprogramm gemäß § 14 JuSchG$cvon Erich Ch. Wittmann und Gerhard N. Müller
246 3_ $aPlättchen und Co. Digital

245 10 $aKemet
246 1_ $iNebent .:$a<NSB>das<NSE> Schwarze Land; Ägypten
246 1_ $iNebent.:$a<NSB>die<NSE> Zeitschrift für Ägyptenfreunde

245 10 $aJobguide$n[…]$pBusiness : Karriere machen nach dem Wirtschaftsstudium ; Einstiegs- und Aufstiegschancen für Studierende, Absolventen und Young Professionals$cby matchboxmedia
246 10 $aEinstiegschancen

6.1.3. MARC field 249 (Additional titles etc. of compilations) (NR): New subfield $v (Statement of responsibility for further title) (R)

The familiar MARC field 249 field is used for resources with no host title for designating further titles. However, the statement of responsibility for the further title is now delivered for the first time in a separate subfield.[14]

MARC field 249 (Additional titles etc. of compilations) (NR):

Overview of all subfields:

| $a – Additional title of compilations(R):
Main title of a work embodied in the manifestation (RDA) or title of the supplemented work (RAK)
| $b – Remainder of title of entire compilation (NR)
in DNB deliveries also contains the statement of responsibility of the entire compilation
| $v – Statement of responsibility for additional title (R)

Subfield $a is repeated for each additional title. The corresponding statement of responsibility is appended in the form of $v directly after the relevant $a.

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[14] See also https://wiki.dnb.de/x/ngroBQ (Topic "Teil-Ganzes-Beziehungen | Zusammenstellungen")

Examples:

245 10 $a<NSB>Die<NSE> Seereise der Ameisen$berste Fabel$cbearbeitet von Max Mustermann

249 __ $a<NSB>Das<NSE> verwöhnte Hamstermädchen : zweite Fabel$vbearbeitet von Maxi Musterfrau$bzwei Fabeln ; erstmals zusammen in einem Band / Annegret Schulz ; Illustrationen von Christine Gabbert

245 10 $a<NSB>The<NSE> well-tempered clavier

249 __ $aGoldberg variations$bJohann Sebastian Bach ; Rosalyn Tureck, piano

6.1.4. MARC field 264 Production, publication, distribution, manufacture, and copyright notice (R)

The RDA elements Production, publication, distribution, manufacture, and copyright notice(s) are given in MARC field 264, which is being delivered for the first time. MARC field 260 which was previously used for the publication notice ([publication, distribution etc. (Imprint)], is also no longer delivered for legacy data. The "[s.n.]" and "[s.l.]" elements were automatically inserted for some of the legacy data. This is no longer the case as, under RDA, the publication detail fields should always be filled and, if they are not known, the place and year should be estimated[15].

A further 264 field is generated each time if there is/are:

| details of earlier places of publication and publishers for journals and series
| details regarding the dates or time validity of publication details, manufacture details, distribution details or production details
| a copyright date

The following change has been made to the current practice of giving the years of publication (years of production etc.):

| For monographs, only the year of publication is now exchanged in the original form. If only the 4-figure form is recorded, this is also exchanged as before in subfield $c.
| In the case of journals, only the 4-figure form was previously exchanged in MARC 008. Serial publications will now feature an open year of publication [shown using an en-dash (–)]. In the case of completed journals: the years of starting and completion, also separated by an en-dash, e. g. 1990–2014.

MARC field 264 (Production, publisher, distribution, manufacture, and dopyright notice) (R)

Indicators:

| First: Sequence of statements
                      "_" - Not applicable/No information provided/Earliest
                         (=default for monographs)
                         (Note: For RAK data, the previous delivery practice was to use the indicator "3"; this has been changed.)

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[15] See also https://wiki.dnb.de/x/ngroBQ (topics "PPDM – Erscheinungsvermerk" and "First / Latest")

"2" – Intervening (= default for "Details of earlier
places of publication and publishers for journals/serials")
"3" - Current/latest (default for journals)

| Second: Function of entity
"0" – Production
"1" – Publication
"2" – Distribution
"3" – Manufacture
"4" - Copyright notice date

Subfield codes:

| $a - Place of production, publication, distribution, manufacture (R)
| $b - Name of producer, publisher, distributor, manufacturer (R)
| $c - Date of production, publication, distribution, manufacture, or copyright notice (R):
Year in original form (or, if not available, in 4-figure form YYYY)

Examples:

245 10 $a<NSB>Ein<NSE> deutsches Requiem$cJohannes Brahms ; Chirstiane Labor, soprano,
Thomas E. Bauer, baritone ; Warsaw Philharmonic Choir, Warsaw Philharmonic Orchestra,
Antoni Wit [Dirigent]
264 _4 $c℗ 2014
264 _1 $a[USA]$bNaxos Rights US. Inc.$c[2014]

245 10 $aLebensweg und religiöse Erziehung$bReligionspädagogik als Autobiographie
$cherausgegeben von Rainer Lachmann und Horst F. Rupp
264 31 $aWürzburg$bKönigshausen & Neumann$c2011-
264 31 $aWeinheim$bDeutscher Studien Verlag$c2011-

245 10 $aInFoNeurologie & Psychiatrie$binterdisziplinäre Fortbildung in der Neurologie, Psychiatrie
und Psychotherapie ; Fortbildungsorgan der Deutschen Gesellschaft für Neurologie (DGN)
264 _1 $aMünchen$bFingierter Verl.$cfrüher
264 21 $aFrankfurt am Main$bMedizificon-Verl.$cfrüher
264 21 $aMünchen$bSpringer Medizin$cfrüher

6.1.5. New MARC field 336 (Content type) (R)

MARC field 336 provides details of the content type. Under RDA, the content type provides
information on the basic form of communication in which the content is expressed.[16]

MARC field 336 (Content type) (R)

Indicators

| First: "_" - Undefined (= default)
| Second: "_" - Undefined (= default)

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[16] See also https://wiki.dnb.de/x/ngroBQ (Topic "Inhaltstyp, Medientyp und Datenträgertyp")

Subfield codes

| | $a – Content type term(R):
| | "performed music"
| | "computer data set" …
| | $b – Content type code (R):
| | "prm" – Performed music
| | "cod" - Computer dataset …
| | Full list of values for $a and $b in RDA-Info-Wiki[17]
| | $2 - Source (R):
| | "rdacontent"
| | $3 – Materials specified (NR):
| | Text
| | $8 - Field link and sequence number (R):
| | Counter for internal link number and string
| | Example: "1\x"

| | "\x" designates the type of relationship; "x" stands here for general sequence. The link number is a whole number which is given in subfield $8 of all linked fields. Fields with the same link number are deemed to be linked.
| | The field link in subfield $8 refers in this case to MARC fields 336, 337 and 338.

Example:

245 10 $aHypnotize$cSystem of a Down

336 __ $aaufgeführte Musik$bprm$2rdacontent$81\x

336 __ $azweidimensionales bewegtes Bild$btdi$2rdacontent$82\x

336 __ $aText$btxt$2rdacontent$3Booklet$83\x

6.1.6. New MARC field 337 (Media type) (R)

MARC field 337 provides information on the media type. According to RDA, the media type is a categorisation which represents the general type of device required to view or play etc. the content of a resource[18].

MARC field 337 Media type (R)

Indicators

| | First: "_" - Undefined (= default)
| | Second: "_" - Undefined (= default)

Subfield codes

> | $a – Media type term (R):
> "audio"
> "computer" …
> | $b – Media type code (R):
> "s" - audio
> "c" – computer …
> Full list of values for $a and $b in RDA-Info-Wiki[19]
> | $2 - Source (R):
> "rdamedia"
> | $3 – Materials specified (NR):
> Text
> | $8 – Field link and sequence number (see MARC field 336) (R)

Example:

245 10 $aHypnotize$cSystem of a Down
337 __ $aaudio$bs$2rdamedia$81\x
337 __ $avideo$bv$2rdamedia$82\x
337 __ $aohneHilfsmittel zu benutzenbn2rdamedia$3Booklet$83\x

6.1.7. New MARC field 338 Carrier type (R)

MARC field 338 provides information on the type of carrier. According to RDA, the carrier type is a categorisation which conveys the format of the storage medium and housing of a carrier in combination with the type of device required to view, play, run, etc., the content of a resource[20].

MARC field 338 Carrier type (R)

Indicators

> | First: "_" - Undefined (= default)
> | Second: "_" - Undefined (= default)

Subfield codes

> | $a – Carrier type term (R):
> "computer disc"
> "microfiche" …
> | $b – Carrier type code (R):
> "cd" - computer disc
> "he" – microfiche …
> Full list of values for $a and $b in RDA-Info-Wiki[21]
> | $2 - Source (R):
> "rdacarrier"
> | $3 – Materials specified (NR):
> Text
> | $8 – Field link and sequence number (see MARC field 336) (R)

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[19] https://wiki.dnb.de/display/RDAINFO/Regelwerk
[20] See also https://wiki.dnb.de/x/ngroBQ (Topic "Inhaltstyp, Medientyp und Datenträgertyp")
[21] https://wiki.dnb.de/x/56SkBQ

Example:

245 10 $aHypnotize$cSystem of a Down
338 __ $aAudiodisk$bsd$2rdacarrier $81\x
338 __ $aVideodisk$bvd$2rdacarrier $82\x
338 __ $aBand$bnc$2rdacarrier$3Booklet$83\x

6.1.8. New MARC field 380 (Form of work) (R)

MARC field 380 is only delivered in the bibliographic data if there are divergent details of the work or if there is no work dataset in the GND. Generally there is an authority record. If so, all work-related features are delivered in the GND record and not in the bibliographic data in the composite description[22].

MARC field 380 (Form of work) (R)

Indicators

| First: "_" - Undefined (= default)
| Second: "_" - Undefined (= default)

Subfield codes

| $a – Form of work (R):
  Text containing information on linked GND record (added) or other text-based information
| $0 – Record control number (R):
  "(DE-588)"IDN of authority record
  "(DE-101)"IDN of authority record
| $2 Source of term (NR):
  "gnd"

Example:

245 10 $aBodrum$bjazz fantasy for piano ; op. 41b ; (2012/2014)$cFazıl Say
380 __ $aFantasie$2gnd

245 10 $aSes$bballad for piano ; op. 40b ; (2012/2014)$cFazıl Say
380 __ $0(DE-588)4004343-5$0(DE-101)040043436$aBallade$2gnd

6.1.9. New MARC field 381 (Other distinguishing characteristics of work or expression) (R)

See explanation for MARC field 380.

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[22] See also https://wiki.dnb.de/x/ngroBQ (Topic "Werke")

MARC field 381 (Other distinguishing characteristics of work or expression) (R)

Indicators

| First: "_" - Undefined (= default)
| Second: "_" - Undefined (= default)

Subfield codes

| $a – Other distinguishing characteristic (R):
Text containing information on linked GND record or other text-based information
| $u – Uniform Resource Identifier (R)
| $v – Source of information (R)
| $0 – Record control number (R):
"(DE-588)"GND-IDN of authority record
"(DE-101)"IDN of authority record
| $2 Source of term (NR):
"gnd"

Example:

381 __ $aEigenschaft$vBemerkung$2Quelle
381 __ $0(DE-588)4423016-3$0(DE-101)948519843$aKonzertstück$2gnd

6.1.10. New MARC field 382 (Medium of Performance) (R)

See explanation for MARC field 380.

MARC field 382 (Medium of Performance) (R)

Indicators

| First: Display constant controller
"_" - No information provided (= default)
| Second: Access control
"_" - No information provided (= default)

Subfield codes

| $a – Medium of performance (R):
Text containing information on linked GND record or other text-based information
| $b – Soloist (R)
| $d – Doubling instrument (R)
| $n – Number of performers of the same medium (R)
| $p – Alternative medium of performance (R)
| $s – Total number of performers (R)
| $v – Note (R)
| $0 – Authority record control number or standard number (R):
"(DE-588)"IDN of authority record
"(DE-101)"IDN of authority record
| $2 Source of term (NR):
"gnd"

Example:

245 10 $aConcerto for violin and orchestra op. 13, (1961 - 1962)$cAlexander Goehr. Hrsg. von Thierry Pécou
382 __ $0(DE-588)4019791-8$0(DE-101)040197913$aVioline$n2$2gnd
382 __ $0(DE-588)4172708-3$0(DE-101)041727088$aOrchester$2gnd

245 10 $aSoleil-tigre$bpour violoncelle et piano ; (2009)$cThierry Pécou
382 __ $aKlavier$2gnd
382 __ $aOrgel$pOrgel$vAlternativ für Klavier$2gnd
382 __ $a1$s1$2gnd

245 10 $aBodrum$bjazz fantasy for piano ; op. 41b ; (2012/2014)$cFazıl Say
382 __ $aKlavier$n2$2gnd
382 __ $aOrgel$pOrgel$n2$vAlternativ für Klavier$2gnd
382 __ $a2$s2$2gnd

6.1.11. New MARC field 383 (Numeric designation of musical work) (R)

Numeric designations of musical works are delivered in the new MARC field 383[23].

MARC field 383 (Numeric Designation of Musical Work) (R)

Indicators

| First: "_" - Undefined (= default)
| Second: "_" - Undefined (= default)

Subfield codes

| $a – Serial number (R)
| $b – Opus number (R)
| $d – Thematic index code (NR)
| $e - Publisher associated with opus number (NR)
| $2 - Source (NR)

Example:

245 10 $aBodrum$bjazz fantasy for piano ; op. 41b ; (2012/2014)$cFazıl Say
383 __ $bop. 41b

6.1.12. New MARC field 384 (Key) (NR)

Information on the key is exchanged in the new MARC field 384[24].

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[23] See also https://wiki.dnb.de/x/ngroBQ (Topic "Werke")
[24] See also https://wiki.dnb.de/x/ngroBQ (Topic "Werke")

Indicators

	First:	Key type
		"0" – Original key
		"1" – Transposed key
	Second:	"_" - Undefined (= default)

Subfield codes

	$a – Key (NR):
	Key of original (MARC indicators: 0_)
	Transposed key (MARC indicators: 1_)

Example:

245 10 $aSoleil-tigre$bpour violoncelle et piano ; (2009)$cThierry Pécou
384 0_ $aF-Dur

6.1.13. New MARC field 385 (Audience characteristics) (R)

The audience is specified in the newly issued MARC field 385. Chapter 7.7. of the RDA [25] describes the audience as the group of users at whom the content of a resource is aimed, or for whom the content is regarded as suitable. The controlled GND vocabulary is used to describe the designated community in the DNB. This is issued along with the corresponding link numbers or a standardised list term from the relevant DACH application guides[26].

MARC field 385 (Audience characteristics) (R)

Indicators

| | First: | "_" - Undefined (= default) |
| | Second: | "_" - Undefined (= default) |

Subfield codes

	$a Audience term (R):
	Term (GND vocabulary)
	$0 Authority record control number or standard number (R):
	"(DE-588)"IDN of authority record
	"(DE-101)"IDN of authority record
	$2 Source (NR)
	"gnd" (= default)

Example:

385 __ $0(DE-588)4180703-0$0(DE-101)041807030$aSehbehinderter$2gnd

385 __ $aZielgruppe$2gnd
385 __ $0(DE-588)4141482-2$0(DE-101)041414829$aÄlterer Mensch$2gnd

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[25] http://access.rdatoolkit.org/document.php?id=rdachp7-de&target=rda7-633&hitnum=1&anchor=hit# (RDA-Toolkit: licence required, further information available at http://www.dnb.de/EN/Standardisierung/International/rda.html#doc31932bodyText6)
[26] https://wiki.dnb.de/download/attachments/100534706/Kapitel_7.pdf and see also https://wiki.dnb.de/x/ngroBQ (Topic "Formangaben, Zielgruppe")

6.1.14. MARC field 502 (Dissertation note) (R): Delivery of new subfields

Thanks to the structured cataloguing, the dissertation note can now be broken down and spread across multiple subfields. The university dissertation note in the legacy data will continue to be given in unstructured form in subfield $a[27].

The following subfields are now being delivered for the first time:

| $b - Degree type (NR):
  Character of the university document
| $c - Name of granting institution (NR):
  Name of the university
| $d – Year degree granted (NR):
  Year in figures
| $g - Miscellaneous information (R):
  Other information

Example:

502 __ $bDissertation$cUniversität Hamburg$d2000

502 __ $bCharakter der Hochschulschrift$gsonstige Angaben 1$cInstitution$gsonstige Angaben 2
      $dJJJJ$gsonstige Angaben 3$gsonstige Angaben 4

6.1.15. MARC field 505 (Formatted contents note) (R): Delivery of a new 2nd indicator and new subfields

The subfields $r (Statement of responsibility) and $t (Title) are for the first time being issued with information on responsibility and the manifestation title. Unstructured information on the content is carried in subfield $a; the 2nd indicator is "_" (blank) in these cases. The 2nd indicator on the level of content designation is now issued with the value "0" if $r or $t are used.

Indicators:

Second: Level of content designation
               "_" - Basic
               "0" - Enhanced

Subfields:

| $a - Formatted contents note (NR):
  Content note, unstructured
| $r – Statement of responsibility (R):
  Statement of responsibility relating to title
| $t – Title (R):
  Title of the manifestation

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[27] See also https://wiki.dnb.de/x/ngroBQ (Topic "Anmerkungen")

Example:

505 80 $tVincent Price$tFirst sign of madness$tThe well-dressed guitar$tWrong man
$tVincent Price, video

505 80 $tClouds of air$tI say to you$tTears of ice$tDevotion$t76 degrees
$tHome$tTenderness$tSmash your love$tWalk with the devil$tWalls of misery

505 80 $tFranzösische Suite$rJohann Sebastian Bach

6.1.16. New MARC field 508 (Creation/Production credits note) (R)

The new MARC field 508 contains the names of persons (except cast members) or organisations who or which were involved in the artistic or technical production of a work[28].

MARC field 508 (Creation/production credits nNote) (R)

Indicators

| First: "_" - Undefined (= default)
| Second: "_" - Undefined (= default)

Subfield codes

| $a - Creation/Production credits note (NR):
Artistic and technical credits

Example:

508 __ $aHeinrich Müller, Kameramann

6.1.17. New MARC field 511 (Participant or performer nNote) (R)

The field contains the names of the participants, players, narrators, presenters, or performers[29].

Indicators

| First: Display constant controller
"0" – No display constant generated (= default)
| Second: "_" - Undefined (= default)

Subfield codes

| $a - Participant or performer note (NR):
Notes on performers, executors, narrators, and/or presenters

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[28] See also https://wiki.dnb.de/x/ngroBQ (Topic "Anmerkungen")
[29] See also https://wiki.dnb.de/x/ngroBQ (Topic "Anmerkungen")

Example:

511 0_ $aWeitere Interpreten unter anderem: Roberto Alagna [Tenor]; Concerto Köln, Evelino Pidò [Dirigent]; Philippe Cassard, piano

6.1.18. New MARC field 521 (Target audience note) (R)

Information on the target audience such as the "Freiwillige Selbstkontrolle der Filmwirtschaft" (FSK[30] -German voluntary self-regulation of the movie industry) rating is issued in subfield $a (Target audience note). For legacy data this information is transported as before in field 090 (Other codifications) $i (FSK rating)[31].

MARC field 521 (Target audience note) (R)

Indicators

| First: Display constant controller
        "8" – No display constant generated (= default)
| Second: Undefined
        "_" - Undefined (= default)

Subfield codes

| $a – Target audience note (R):
    FSK rating, other age information and textual youth protection information

Example:

521 8_ $aFür Grundschüler

6.1.19. MARC field 655 (Index term - genre/form name) (R): New subfields and content

The controlled vocabulary of the GND is used for describing the form information (type of content and carrier). This is conveyed in MARC field 655. Subdivisions are carried in the new subfields $x, $y and $z. Subfield $2 (Source of term) designates whether the information is about the content (gnd content) or the carrier (gnd-carrier). The form term is dispensed with in the subject heading sequence. Information on the musical form of issue is also provided using the controlled vocabulary of the GND and in the source information (gnd-music). If no GND link exists, the information is also exchanged as full-text[32].

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[30] https://www.spio-fsk.de/?seitid=1287&tid=480
[31] See also https://wiki.dnb.de/x/ngroBQ (Topic "Anmerkungen")
[32] See also https://wiki.dnb.de/x/ngroBQ (Topic "Formangaben, Zielgruppen")

New content and/or new subfields:

| | $a - Genre/form data or focus term (NR):
  - „Anleitung"
  - „Ausstellung"
  - „Bestimmungsbuch"
  - „Bildband"
  - „Erlebnisbericht"
  - „Festschrift"
  - „Führer"
  - „Kochbuch"
  - „Kolumnensammlung"
  - „Kunstführer"
  - „Ratgeber"
  - „Reisebericht"
  - „Reportagensammlung"
  - „Wörterbuch"
  - „Zeitschrift"
  - or information on content from GND: Subject term, miscellaneous information
  - or information on carrier from GND: Subject term, miscellaneous information
  - Information on musical form of issue from GND: Subject term, miscellaneous information
  – Form term (no longer used in data records marked as "rda")
| | $x – General subdivision (R)
| | $y – Chronological subdivision (R)
| | $z – Geographic subdivision (R)
| | $0 - Authority record control number (R):
  "(DE-588)"Authority record control number (information corresponds to value from $2)
  "(DE-101)"Authority record control number (information corresponds to value from $2)
| | $2 - Source of term (NR):
  "gatbeg"
  "gnd"
  "gnd-carrier"
  "gnd-content"
  "gnd-music"

Examples:

245 10 $aHans Niehus$cGalerie Peter Tedden
655 _7 $0(DE-588)4135467-9$0(DE-101)041354672$aAusstellungskatalog$xGalerie Peter Tedden$y2012$zDüsseldorf$2gnd-content

245 10 $aGmbH-Geschäftsführer aktuell$bHaftung vermeiden, erfolgreich und rechtssicher handeln, Kosten senken
655 _7 $0(DE-588)4067488-5$0(DE-101)040674886$aZeitschrift$2gnd-content
655 _7 $aZeitschrift$2gnd

6.1.20. MARC field 770 (Supplement/Special issue entry) (R): New subfields $d (Place, publisher, and date of publication) (NR); $h (Physical description) (NR); $n (Note) (R); $o (Other item identifier) (R)

Further fields have been added to MARC field 770 in order to provide RDA-compliant information on supplements[33].

Possible subfield codes:

| $a – Main entry heading (NR):
  Creator: person or corporate body
| $d - Place, publisher, and date of publication (NR):
  Place (multiple locations linked together using "_;_")"_:_"Publisher", "Date"
| $h – Physical description (NR):
  e. g. no. of pages
| $i - Display text (NR):
  Introductory text; if this is not included, the following is added:
  "Beil.:" (= default for ZDB data)
  "Fortlaufende Beil.:" (= default)
| $n – Note (R):
  Note; for reproductions: Documentation of ownership of film rights: library",_"call number
| $o – Other item identifier (R)
| $t – Title (NR):
  for further details see Field description
| $w – Record control number (R):
  "(DE-600)"ZDB number
  "(DE-101)"Link number
| $x - International Standard Serial Number (NR):
  Authorised ISSN of the national ISSN centre (with hyphen) without ISSN string

$w is the last subfield.

Example:

245 10 $aBauernzeitung$n[…]$pLandwirtschaftliches Wochenblatt für Brandenburg, Mecklenburg-Vorpommern und Sachsen-Anhalt
770 08 $iSupplement$tRatgeber Sonnenenergie$dBerlin : Dt. Bauernverl., 2009
     $w(DE-600)2571402-8$w(DE-101)1006378006
770 08 $iSupplement$tRatgeber Windkraft$dBerlin : Dt. Bauernverl., 2011
     $w(DE-600)2599909-6$w(DE-101)1010607715

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[33] See also https://wiki.dnb.de/x/ngroBQ (Topic "Beziehungen zwischen Werken, Expressionen, Manifestationen, Exemplaren")

6.1.21. MARC field 775 (Other edition entry) (R): New subfield $n (Note) (R)

The information on the original manifestation is conveyed in MARC field 775 for reproductions in the same physical form. Subfield $n (Note) is being issued for the first time. Previously, field 775 was also used for linking parallel editions. Thus type of relationship will, however, be conveyed in MARC field 776 in the future[34].

Possible subfield codes:

| $a – Main entry heading (NR):
  Main entry heading of the original manifestation (creator) (see also MARC-770);
  or note of parallel editions (legacy DMA data before introduction of RDA);
| $d - Place, publisher, and date of publication (NR):
  Place (multiple locations linked together using "_;_") "_:_"Publisher", "Date"
| $h – Physical description (NR):
  e. g. no. of pages
| $i - Display text (NR):
  Introductory text
| $n – Note (R):
  Note; for reproductions: Documentation of ownership of film rights: library",_"call number
| $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):
  Authorised ISSN of the national ISSN centre (with hyphen) without ISSN string

$w is the last subfield.

Examples:

245 10 $aMargaritologia
775 0_ $iParallele Sprachausgabe$nenglisch$tMargaritologia$dHamburg : Elisabeth Strack, [2014]-$hBände$w(DE-600)2718184-4$w(DE-101)1200005619

245 10 $a<NSB>A<NSE> progressive grammar of the Telegu language$bwith copious examples and exercises$cA.S. Arden
775 08 $iReproduktion von$aArden, Albert Henry$tA progressive grammar of the Telugu language$dMadras : Published and sold by the Society for Promoting Christian Knowledge, 1905

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[34] See also https://wiki.dnb.de/x/ngroBQ (Topic "Beziehungen zwischen Werken, Expressionen, Manifestationen, Exemplaren")

6.1.22. MARC field 776 (Additional physical form entry) (R): New indicator 2 ; New subfield $n (Note) (R)

The information on the original manifestation is conveyed in MARC field 776 for reproductions in a different physical form. Subfield $n (Note) is being issued for the first time. Field 776 is now also used to link parallel editions[35].

Indicators:

| Indicator 1:   Note controller
                "0" – Display note
| Indicator 2:   Available in another form
                "_" - Available in another form
                "8" – No display constant generated (for parallel editions and reproductions in another physical form)

Possible subfield codes:

| $a – Main entry heading (NR):
  Main entry heading of the original manifestation (creator) (see also MARC-770)
| $d - Place, publisher, and date of publication (NR):
  Place (multiple locations linked using "_;_") "_:_"Publisher", "Date"
| $h – Physical description (NR):
  e. g. no. of pages
| $i - Display text (NR):
  Introductory text (e.g. "Parallelausg.:"or "Parallelausg. u.d.T.:")
| $n – Note (R):
  Note; for reproductions: Documentation of ownership of film rights: library",_"call number
| $o – Other item identifier (R):
  DOI, other identifiers
| $t – Title (NR)
| $w – Record control number (R):
  "(DE-600)"ZDB number
  "(DE-101)"Link number
| $x - International Standard Serial Number (NR):
  Authorised ISSN of the national ISSN centre (with hyphen) without ISSN string
| $z - International Standard Book Number (R):
  ISBN (without hyphens)

$w is the last subfield.

Example:

245 10 $aBeiträge aus der Forschung / Sozialforschungsstelle Dortmund
776 08 $iOnline-Ausg.$aSozialforschungsstelle Dortmund$tBeiträge aus der Forschung / Sozialforschungsstelle Dortmund$dDortmund : Sfs, 2010$hOnline-Ressource $w(DE-600)2665849-5$w(DE-101)1023139308

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[35] See also https://wiki.dnb.de/x/ngroBQ (Topic "Beziehungen zwischen Werken, Expressionen, Manifestationen, Exemplaren")

6.1.23. MARC field 780 (Preceding entry) (R): 2nd indicator (Type of relationship) with new content

MARC field 780 will also contain new values for the 2nd indicator for differentiating between the different types of relationship[36].

Indicator 2:   Type of relationship

> | "0" - Continues (=default)
> | "1" - Continues in part
> | "2" - Supersedes
> | "3" - Supersedes in part
> | "4" - Formed by the union of … and …
> | "5" - Absorbed
> | "6" - Absorbed in part
> | "7" - Separated from

Example:

245 10 $aBauernzeitung$n[…]$pLandwirtschaftliches Wochenblatt für Brandenburg, Mecklenburg-Vorpommern und Sachsen-Anhalt
780 00 $iFortsetzung von$tBrandenburger Bauernzeitung$dBerlin : Dt. Bauernverl., 2002-2012$x2194-2595$w(DE-600)2208064-8$w(DE-101)976865416
780 00 $iFortsetzung von$tMecklenburg-Vorpommerns Bauernzeitung$dBerlin : Dt. Bauernverl., 2002-2012$x2194-3893$w(DE-600)2689477-4$w(DE-101)1027478409
780 00 $iFortsetzung von$tSachsen-Anhalts Bauernzeitung$dBerlin : Dt. Bauernverlag, 2002-2012$x2194-3869$w(DE-600)2084285-5$w(DE-101)023708832

6.1.24. MARC field 785 (Succeeding entry) (R): 2nd indicator (Type of relationship) with new content

MARC field 785 will also contain new values for the 2nd indicator for differentiating between the different types of relationship[37].

Indicator 2:   Type of relationship

> | "0" – Continued by
> | "1" – Continued in part by
> | "2" - Superseded by
> | "3" - Superseded in part by
> | "4" - Absorbed by
> | "5" - Absorbed in part by
> | "6" - Split into … and …
> | "7" - Merged with … to form …
> | "8" – Changed back to

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[36] See also https://wiki.dnb.de/x/ngroBQ (Topic "Beziehungen zwischen Werken, Expressionen, Manifestationen, Exemplaren")
[37] See also https://wiki.dnb.de/x/ngroBQ (Topic "Beziehungen zwischen Werken, Expressionen, Manifestationen, Exemplaren")

Examples:

245 10 $aSchwäbische Alb!$bGäste-Zeitung …
785 00 $iFortgesetzt von$tGästezeitung$dOberndorf am Neckar : Schwarzwälder Bote Mediengesellschaft mbH, [2014]-$hBände$w(DE-600)2718182-0$w(DE-101)1200005597

6.2. Other changes

6.2.1. MARC field 008 (Fixed-Length data elements) (NR), AM (All materials), position 06

Following the introduction of RDA, in the case of reproductions the description is first based on the secondary edition. A reproduction is designated in position 06 of MARC field 008 using the new code "r". The relationship to the original edition is given in field 775 (Other edition entry) or in field 776 (Additional physical form entry)[38].

| Position 06 – Type of date/Publication status:
"r" - Reprint/reissue date and original
(Field 008/11-14 contains the date of the original)

6.2.2. MARC field 008 (Fixed-Length data elements) (NR), CR (Continuing resources), position 18

Two new additional codes are being issued to describe the frequency of publication:

| "j" – three times a month
| "t" - three times a year

6.2.3. New content in MARC field 040 (Cataloguing source) (R), $e (Description conventions) (NR)

The introduction of a field for the cataloguing source in the internal format has changed the delivery of MARC field 040 (cataloguing source). The code "rakwb" in subfield $e is no longer issued for the works catalogued using the "Regeln für die alphabetische Katalogisierung an Wissenschaftlichen Bibliotheken", unless the information is explicitly included in the source data. After 1 October 2015, only bibliographical data catalogued entirely using RDA will carry the "rda" code in the $e subfield (Description conventions). Further codes may be added in the future as the result of external data transfers.

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[38] See also https://wiki.dnb.de/x/ngroBQ (Topic "Original, Reproduktionen")

MARC field 040 (Cataloguing source) (R)

Indicators

| First: "_" - Undefined (= default)
| Second: "_" - Undefined (= default)

Subfield codes

| $a – Original cataloguing agency (NR):
  4-figure creator code[39]
| $b – Language of cataloguing (NR):
  "ger" – German (= default)
  Further language codes taken from the "MARC Code List for Languages"[40] are possible.
| $c – Transcribing agency (NR):
  "DE-101" – German National Library (= default)
| $d – Modifying agency (R):
  4-figure creator code[41]
| $e – Description conventions (R):
  "rda" – Resource Description and Access
  Further codes taken from the "Description Convention Source Codes"[42] list are possible.

Example:

040 __ $a1241$bger$cDE-101$d1241$erda

6.2.4. Information on the handling of work titles in the 130 MARC fields (Main entry - uniform title) for non-fiction works, 240 (Uniform titles) for monographs and the fields 7XX (Uniform title or title of compilations)

Fields 130/240/7XX remain optional and are not included in every data record. What is new is the fact that the title of the work and other differentiating elements are exchanged in the fields on the basis of RDA. It is also possible to create a link to a work authority record in the GND (as already the case for music works). The IDN of the work record is given in subfield $0 (Authority record control number), and not that of the creator[43].
Following the introduction of RDA, no work titles will be exchanged for parts with a dependent title (corresponds to volume listing under RAK, to u-type records in export format MAB2) (applies also for MARC field 730).

6.2.5. New content in MARC field 247 (Former title) (R), subfield $g (Miscellaneous information)

The information on the first entry is conveyed in MARC field 247, subfield $g.

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[39] For table see https://wiki.dnb.de/x/7YHeAg
[40] http://www.loc.gov/marc/languages/language_code.html
[41] For table see https://wiki.dnb.de/x/7YHeAg
[42] http://www.loc.gov/standards/sourcelist/descriptive-conventions.html
[43] See also https://wiki.dnb.de/x/ngroBQ (Topic "Werke")

The order of the MARC fields is: $a $f $g.

MARC field 247 (Former title) (R):

Subfield codes

> | $g – Miscellaneous information (R):
> - Notes on main title, variant title and the other title information (no longer used in data records marked as "rda")
> - "Earliest title" (to designate the first chronological main title)

Example:

245 10 $aEmpfohlene Pflanzenschutzmittel für den Rebbau …$cAgroscope
247 10 $aEmpfohlene Pflanzenschutzmittel im Rebbau …$f2006$gEarliest title

6.2.6. Note regarding MARC field 500 (General note) (R)

Information about the script, language and musical notation for sheet music and sound recordings is no longer provided in MARC field 500; it will appear in MARC field 546 in the future (Language note) (R)[44].

Example:

245 10 $aTosca$cGiacomo Puccini ; Libretto: Giuseppe Giacosa & Luigi Illica ; Emily Magge, Floria Tosca, Jonas Kaufmann, Mario Cavaradossi, Thomas Hampson, Il barone Scarpia, [und 6 weitere] ; Chorus, Children's Chorus and Orchestra of the Opernhaus Zürich ; chorus master: Ernst Raffelsberger, conducted by Paolo Carignani ; staged by Robert Carsen, directed for TV by Felix Breisach
546 __ $aAuf Italienisch gesungen; italienische, englische, französische, deutsche, spanische und chinesische Untertitel

6.2.7. MARC fields 700 (Main entry - Personal name) (NR), 710 (Main entry – Corporate name) (NR), 711 (Main entry – Meeting name) (NR): New subfields $e and $j (Relator term) (R) and new content in $4 (Relator code) (R)

Following the introduction of RDA, MARC fields which are used for added entries now contain information on relationship designation of creators (persons, corporate bodies) in text form in subfield $e and, in the case of meetings, in MARC field 711 subfield $j. The relator code is conveyed in subfield $4. In the legacy data, these subfields are filled if the source data provide the necessary information.
Exception: For uniform titles or titles of compilations, no relationship designators are used in $4 or $e (Structure of work title: 700 $a $t)[45].

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[44] See also https://wiki.dnb.de/x/ngroBQ (Topic "Anmerkungen")
[45] See also https://wiki.dnb.de/x/ngroBQ [Topic "Beziehungen zu Personen/Familien/Körperschaften")

MARC field 700 (Added entry - Personal name) (NR)

Subfield codes:

| $e – Relator term (R):
  German RDA relationship designators based on RDA Appendix I[46] or relator term based on RAK-WB and RAK-Musik (legacy data)
| $4 Relator code (R):
  Codes from the MARC Code List for Relators[47]
  For uniform titles or titles compilations, no relationship designators are used in $4 or $e.

Example:

700 1_ $0(DE-588)135264170$0(DE-101)135264170$aRaffelsberger, Ernst$d1961-$eDirigent$4cnd
700 1_ $0(DE-588)129431575$0(DE-101)129431575$aCarignani, Paolo$d1961-$eDirigent$4cnd
700 1_ $0(DE-588)137480202$0(DE-101)137480202$aCarsen, Robert$d1954-$eRegisseur$4drt

MARC field 710 (Added entry - Corporate name) (NR)

| $e – Relator term (R):
  German RDA relationship designators as per RDA Appendix I
| $4 Relator code (R):
  Codes from the MARC Code List for Relators[48]
  For work titles, no relationship designators are used in $4 or $e.

Example:

710 2_ $0(DE-588)5510412-5$0(DE-101)961099615$aOpernhaus Zürich $bKinderchor$eSänger$4sng
710 2_ $0(DE-588)1099210-8$0(DE-101)004463897$aOpernhaus Zürich$bChor$eSänger$4sng
710 2_ $0(DE-588)5068516-8$0(DE-101)050685163$aOpernhaus Zürich $bOrchester $eInstrumentalmusiker$4itr

MARC field 711 (Added entry - Meeting name) (NR)

Subfield codes:

| $j – Relator term (R):
  German RDA relationship designators as per RDA Appendix I
  $4 Relator code (R):
  Codes from the MARC Code List for Relators[49]
  For work titles, no relationship designators are used in $4 or $e.

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[46] https://wiki.dnb.de/display/RDAINFO/Regelwerk
[47] http://www.loc.gov/marc/relators/relacode.html
[48] http://www.loc.gov/marc/relators/relacode.html
[49] http://www.loc.gov/marc/relators/relacode.html

6.2.8. Note regarding MARC fields 772 (Supplement parent entry) (R), 773 (Host item entry) (R)

MARC field 772 no longer contains information on the supplement parent entry in the data records of journal articles or journal volumes. Field 773 (Host item entry) is used for this.

6.2.9. Collections in the bibliographic data of the German Music Archive of the German National Library

Following the introduction of RDA, data records or works published in a collection of the titles of the German Music Archive (DMA) are no longer indexed in the cataloguing system as component part (supplementary/integrated), rather as articles. This permits a more comprehensive description. The delivery is in MARC 21, as before, with the code "a" (=Monographic component part) in the leader at position 07 (bibliographic level). The rules for leader position 07 have been revised accordingly.

Such data records are not delivered within the data service of Series M (sheet music) and T (sound recordings). The records can, however, be retrieved via data interfaces.

7. Further information:

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 version 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_2015". Please note that the file contains RDA data records, data records with RDA elements (mixed data records) and also legacy data without RDA elements, as will also be the case in the data deliveries after 1 October 2015. It is possible to select RDA data records on the basis of the "rda" code in MARC field 040 (see 6.2.3.). The test samples are structurally correct, as is the data format structure. The range and the combination of the fields could, however, be greater than will actually be the case in normal RDA records following the introduction of RDA validation (currently at planning stage).

Additionally the file "TitelTest_gueltig_bis_Ende_Sept2015" is supplied to allow comparison between the current MARC export (valid until end of September 2015) and the version which will be deployed from 1st October 2015. This file includes only legacy data without RDA elements.

8. Unconfirmed advance information about the next release but one

Please note that this advance information on possible future changes cannot be complete; 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 2015.

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 2016, include the following:

Bibliographic data:

| Delivery classification information according to the subject category scheme "Thema"[50] (standard for international classification of books) which has been contained in the deliveries of the VLB since mid-May 2014 and is transmitted in the data records of the New Release Service and the Deutsche Nationalbibliografie. It is initially planned to use a local MARC field from the 925 - 929 range reserved for the DNB for this information. However, if plans to adapt the MARC standard for topic information are specified more precisely, this official solution will be put into effect.
| Deliveries of ISBN-A[51]: ISBN-A renders conventional ISBNs Internet-compatible with the aid of the DOI standard. This identifier is transported in the MARC fields 024 (Other Standard Identifier) by the source "isbn-a" in subfield $2 (Source of number or code) and in 856 (Electronic Location and Access).
| Introduction of the new MARC field 884[52] (Description Conversion Information) for provenance information, e. g. of data imports to the DND holdings. The date of creation of the MARC data record would then also be conveyed in subfield $g (Conversion date). The field stems from the "Description Conversion Information in the MARC 21 Bibliographic Format" concept[53].

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.

Yours sincerely,
on behalf of Deutsche Nationalbibliothek (German National Library)
Heike Eichenauer

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

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[50] http://www.editeur.org/151/Thema/
[51] http://www.german-isbn.de/isbn_start_text.html/10021
[52] http://www.loc.gov/marc/bibliographic/bd884.html
[53] http://www.loc.gov/marc/mac/2015/2015-03.html