# Data structure adjustments within the EDDy_neu project

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This translation is provided for convenience only; the German version is authoritative.

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# Change log

| Chapter | Contents | Version |
|---|---|---|
| | Change log added | 0.71 |
| | Adjustment of section numbering from section 17 “New and old representation of segment D“ onwards | 0.71 |
| | Adjustment of section reference 7 – Deletion reference to sections 2.5.3/2.5.4 f. – Reference to section headings | 0.71 |
| Chapter 6.1 and chapter 15 | Specification of the representation of company affiliations | 0.8 |
| Chapter 7 | Specification of the representation of ratings | 0.8 |
| Chapter 22.3 Extension of the MIFID II target market by ESG preferences | Extension of the MIFID II target market by ESG preferences | 0.8 |

| Chapter | Contents | Version |
|---|---|---|
| | (see also F01a from February 2021) | |
| Chapter 8 Text fields in T format / Supplementary text fields | Adjustments to the content (8.2 Adjustment note WM Hub + adjustment of the clause on GD998; 8.3 table: adjustment to HD192; 8.4 adjustment to ‚text' + table: adjustment of the 998s variables; 8.5 table: adjustment of the text on KD087A) | 0.8 |
| Chapter 18 Other changes (Splitting and merge of existing fields) | Adjustment to the general description of substitute and adjustment + adjustment to field length to WM used representation | 0.8 |
| Chapter 13 AVIS – Pre-notification | Specification of the publication date | 0.8 |
| Chapter 14 WKN/ISIN quotas | Specification | 0.8 |
| Chapter 21 Concept for the presentation of interest phases / floater | Specification of the option to choose between old and new fields | 0.8 |
| Chapter 4 Representation of market places | Specification of the represent-ation of market places | 0.8 |
| Chapter 5. Conversions/exchanges (Renaming of the chapter to "Master data on thresholds and redemptions" | Adjustment Note on the Special Information issue, Correction of the June Release for the provision of field GD189B | 0.8 |
| Chapter 16. Zero identifier | Specification of the usage of keys | 0.8 |
| Chapter 1 | Note to the depiction of variables under VFX and VF1 | 1.0 |
| Chapter 6 and chapter 15 | Representation of the delivery in format VF1 | 1.0 |
| Chapter 15 | Concretization of the keys for the depiction of the company affiliations, concretization of the deactivation of fields | 1.0 |
| Additions to chapter 6.3.1 | Cancelled fields at instrument level | 1.0 |
| Chapter 8.2 and 8.5 | Depiction of the delivery in VF1 format | 1.0 |
| Chapter 8.2 | Supplementary description of the URL for the WM Hub | 1.0 |

| Chapter | Contents | Version |
|---|---|---|
| Chapter 18 | Depiction of the delivery in VF1 format | 1.0 |
| Chapter 7 | Concretization of the deactivation of fields | 1.0 |
| Chapter 16 Zero identifier | Concretization of the use of keys | 1.0 |
| Various chapters | Addition of further fields due to field limitations under VF1. | 1.0 |
| Chapter 6.1 and 15 | Adoption of EKN as identifier for the representation of company affiliations and additional examples | 1.1 |
| Chapter 8.5 and 24 | Adjustments to fields in the area of termination including the updating of examples | 1.1 |
| Chapter 10.2.5 | Adjustments to the deleted field ED311 | 1.1 |
| Chapter 11 | Several adjustments | 1.1 |
| Various chapters | Adjustment to the Go-Live_date of EDDy_neu to 04/2023 | 1.2 |
| Various chapters | Due to numerous customer requests, there will be various adjustments to field formats/lengths, especially in the address data on ISO20022. Part 1 | 1.3 |
| Various chapters | Due to numerous customer requests, there will be various adjustments to field formats/lengths, especially in the address data on ISO20022. Part 2 | 1.4 |
| Chapter 2 | - Addition to the customer number description / definition of the customer number (inclusion of document D36 in D20)<br>- Legal entities always receive an EKN (issuer ID), even if they are not yet an issuer. | 1.5 |
| Chapter 4 | - Revision of chapter 4 to add the optional functional extension and the variables for | 1.5 |

| Chapter | Contents | Version |
|---|---|---|
| | depicting the trading venues and the trading segments. | |
| Chapter 8.2 | - Display of the optional text fields: ED650, HD650, KD650 and UD650 in format T (inclusion of document D40 in D20)<br>- Correction of the format lengths of fields UD087E, KD131A, ED087D, and HD142B from 300 to 38 characters<br>- Fields UD087F (for UV256O) and KD131B (for KV089N) have been implemented to display the complete linking in the table subfields in the delivery format VF1.<br>- Correction of field WV467S to EV467S<br>- Correction of field EV4660 to EV466O<br>- Due to various customer comments, the demand for information on shareholders' meeting documents was taken into account and the variable HD142C has been implemented. | 1.5 |
| Chapter 8.5 | - Inclusion of the keys "AN", "AO", "AP", "AQ" and "AR" in table UA6<br>- Inclusion of the keys "AL", "AM" and addition of the keys "AI", "AJ", "AK" in table UA9<br>- Inclusion of the keys "J", "K" and "L" in table UB2<br>- Addition of keys "AH", "AI" and "AJ" in table UB8<br>- Inclusion of keys "K" and "L" in table FM1<br>- Supplementary representation of the marking of a negative interest rate via GD802H | 1.5 |

| Chapter | Contents | Version |
|---|---|---|
| | - Inclusion of key "AZ" in table UA1 | |
| Chapter 10.2.1 | - Correction of the field length of the table sub-variable EV604A to "04" | 1.5 |
| Chapter 10.2.2 | - Correction of the field length of the table sub-variable VV132A to "04" | 1.5 |
| Chapter 10.2.3. | - Correction of the format of KV126C to "N".<br>- Correction of the field lengths of the table sub-variables KV126A, KV128A, KV130A to "04" | 1.5 |
| Chapter 10.2.4 | - Inclusion of the key "03" in table E29<br>- Addition of table GG2 for field UV250E<br>- Correction of the field lengths of the table sub-variables UV246A, UV248A, UV250A, UV252A to "04" | 1.5 |
| Chapter 11.2.1 | - Addition of the term "cancellation notice" for delivery identifier 8 | 1.5 |
| Chapter 11.5.1 | - Correction of field GV302 to UV302 | 1.5 |
| Chapter 11.5.3 | - Removal of field UD002 as this is no longer applicable according to chapter 10.2.5.<br>- Addition of VFX fields from chapter 18 (UV255B, UV255D, UV255E, UV255G, UV255M, UV255N) to the table.<br>- Correction of table UV302 by implementation of sub-variable UV302I<br>- Addition of VFX System_Names for components and variables of the fields UV302, UV302A, UV302B, UV302C, UV302D, UV302E, UV302F, UV302G, UV302H and GD153A | 1.5 |

| Chapter | Contents | Version |
|---|---|---|
| | - Removal of the WM field UD099 used for internal purposes only | |
| Chapter 11.10.1 to chapter 11.10.5 | - Additions to the examples to provide information which variables are relevant for VFX/ VF1 as well as addition of table UV255 | 1.5 |
| Chapter 16.4 | - Completion of the relevant zero identifier fields by including EV308B, GV1C7E, GV1D0C, GV1D1C, GV1D2C, GV1D3C, GV233D, GV238D, GV239D, GV310C, JV001F, JV002F, JV003F, JV004E, JV005D, JV005F, JV005H, JV006F, KV036C, KV085E, and UV085E | 1.5 |
| Chapter 18 | - Correction of field K021PI to KD021PI<br>- Addition of further explanations for the depiction of table UV217<br>- Correction of table VV131 by adding a numerator and denominator via the fields VV131G and VV131H<br>- Inclusion of the keys "D", "E" and "F" in table UB4<br>- Inclusion of the key AZ in table "UA1" | 1.5 |
| Chapter 21.3 | - Correction of field GV749 to GD749 | 1.5 |
| Chapter 22.3 | - Note that the current keys are to be taken from the WM-Dok | 1.5 |
| Chapter 24.3 | - Addition of two decodes for GV1F51 | 1.5 |
| Various chapters | Change of the WM-SRD Hub name to "WM Hub". | 1.5 |
| Chapter 5 | - Due to various customer feedback, the WKN was added as an option to the ISIN in the table variables GV1E3L, GV1E4I and GV1E6H. | 1.6 |

| Chapter | Contents | Version |
|---|---|---|
| Chapter 8.5 | - Concretisation of the variable of GD802H | 1.6 |
| Chapter 16.3 | - Due to various customer feedbacks there are exceptions for the fields ED476B and ED476E | 1.6 |
| Chapter 18 | - Correction of the length for VD013F to 9.9<br>- Due to various customer feedback, the WKN was added as an option to the ISIN in the table variable/linkage VV131I<br>- Correction of table UV085 by WKN (UV085I) and ISIN (UV085J)<br>- Due to various customer feedback for the atble variables/linkages Corporate operations (tax) the field/variable UV254E was adjusted by UV254G<br>- Concreatisation of the variable definition of GV1E7 | 1.6 |

# 1. Data structure adjustments in the context of EDDy_neu

This document describes the changes related to the introduction of EDDy_neu. Under certain circumstances, topics will already be made available through Release changes prior to the go-live of EDDy_neu. Please refer to our Customer Information issues for more details on the relevant Releases. If you have any technical questions on EDDy_neu, especially about the pre-production, parallel phase and products as well as on the data delivery to WM, please refer to the relevant EIC documents.

All changes mentioned in this document will become effective with the go-live of EDDy_neu at the latest. The respective individual go-live date, which takes place within the framework of the parallel phase, will then apply.

Please note that there are new variables that cannot be delivered in VF1 due to technical restrictions (maximum length of linkage subfields). Additional variables have therefore been created for this purpose. In the VFX format, there is no restriction in this respect. For easier identification, the “corresponding“ field ID is listed next to the VFX variable name. If variables in the respective chapters are affected by this, this will be indicated accordingly.

The fields and variables mentioned in this document which will be changed are listed in tabular form with their respective relationship in the separate document DE20_E "D20_Supplement_Field_Matrix".

Note for the following documentation:

The terms "FieldIdent" and "Variable-ID" are used synonymously. However, under EDDy_neu the language usage will change insofar as the term "Variable-ID" will replace the known term "Field-ID" or "FieldIdent".

## 2. Customer number / WM issuer identification number

**Note**: In the following, the term "legal entity" shall also subsume special assets in regard to funds.

Issuers are currently depicted in segment M. For this purpose, each issuer receives its own number (= EKN). With the introduction of EDDy_neu however, the issuer identification number will be replaced by a new customer number. The new customer number remains unchanged and unique until the company ceases to exist (e.g. through a merger or deletion from the commercial register). This procedure corresponds to the allocation of a Legal Entity Identifier (LEI). Once a customer number has been assigned, it will not be reassigned.

The new number has a 38 digit alphanumeric format, which is composed as follows:

1. Issuer Identification Number, 6 numeric digits (EKN) +
2. Legal Entity Identifier, 20 alphanumeric digits (LEI) +
3. Settlement agent number, 4 numeric digits (if available) +
4. Numerator, 8 numeric digits

The first 6 digits of the customer number can also be populated with 000000, ~~if the customer is not an issuer at the time of the entry into the customer database.~~ if the customer is a natural person. Legal entities will always include an issuer ID (EKN) in the customer number until further notice.

Also, the next 20 digits may contain alphanumeric information that does not correspond to the official LEI, if not available at the time of the entry into the customer database.

The number is depicted in the customer database via the following field:

| Variable ID | Variable name |
|---|---|
| MD851P | Customer ID |

A reference to the data of the issuer is established at the level of the financial instruments:

| Variable ID | Variable name |
|---|---|
| GD230J | Customer ID |

## 2.1. Issuer identification number

Currently, issuers are sometimes added to segment M more than once. This can have different reasons, which are not clearly defined and can therefore lead to legal duplicates. For example, subsidiaries are depicted as separate issuers, although they are not legally independent. The old issuer identification numbers remain in EDDy_neu to the extent that they are assigned to the legally independent person. This creates a legal entity with a new customer number, possibly with several issuer identification numbers (= "1" legal entity and "n" issuer identification numbers). For the customer number each issuer receives a leading issuer identification number, which is part of the customer number.

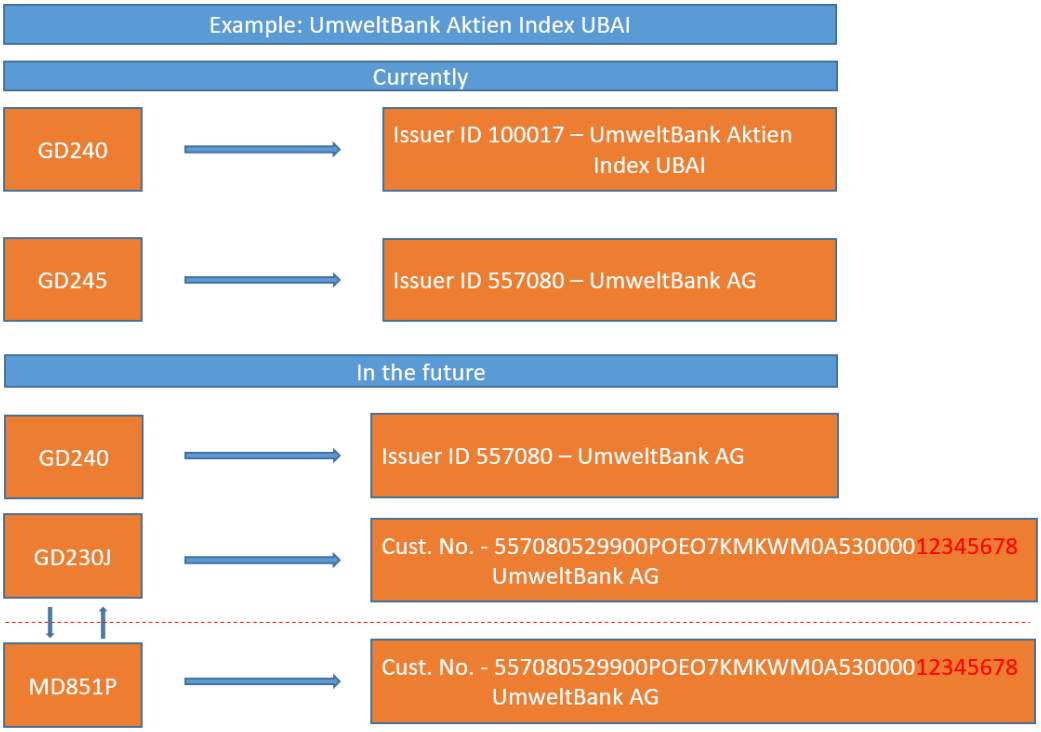
In the future, the issuer identification numbers of a legal entity will be depicted in the identifier component as follows:

| Variable ID | Variable name |
|---|---|
| MV876 | Reference EKN |
| MV876A | EKN |

All issues that WM adds to the database before the Go Live of EDDy_neu will receive EKNs in accordance to the current procedure or the existing EKNs will remain on the financial instruments as a reference to segment M in fields GD240, GD241 and GD245. All existing EKNs of an issuer are depicted under the customer number in MV876A. Financial instruments which are added to the database from 31.12.2021 only receive the leading issuer identification number of the legal entity.

With the introduction of the customer number, indices will be assigned to the index owner.

Please see the following example




## 2.2. Legal Entity Identifier

Each issuer or legal entity requires principally a Legal Entity Identifier. It is included in the new customer number and is the officially assigned LEI in accordance with ISO 17442 if it is available at the time of the entry of the customer into the customer database. It is irrelevant by which allocation agent the LEI has been assigned. However, in practice, it may happen that the official allocation of an LEI and the allocation of a customer number overlap, i.e. when a new customer number is created, there is not yet an official LEI. In this case, WM assigns a separate LEI (internal LEI) for the customer number. This LEI will not be changed once an official LEI has been assigned, as the customer number may no longer change. If the legal entity receives an LEI from the allocation agent of WM (LOU: 5299), this internal LEI automatically becomes the official LEI in accordance with ISO 17442. For further information on the LEI, please visit our website: https://www.wm-leiportal.org/.

The LEI will continue to be depicted in the client database with the known information:

| Variable ID | Variable name |
|---|---|
| MD609 | LEGAL ENTITY IDENTIFIER (LEI) |
| MD609D | LEI VALIDITY DATE TO |
| MD609B | LEI STATUS IDENTIFIER |

## 2.3. Settlement agent number

The four-digit settlement agent number is currently depicted on the respective financial instruments, e.g. in field GV995. When a new customer is created, 0000 is assigned to the relevant 4 digits in the customer number. The existing numbers of the settlement agents are only adopted to the customer number and in the customer database during the migration of the old portfolio. If a legal entity has several settlement agent numbers, the same rule applies here as for the issuer identification number. For the customer number, each issuer receives a leading settlement agent number, which is part of the customer number.

In the future, the settlement agent number will be depicted in the customer database under the subsidiaries component:

In delivery format **VFX**:

| **"Corresponding" Variable ID New** | **Variable Name New** | **Format** | **Length** | **Table** |
|---|---|---|---|---|
| MV867 | SETTLEMENT AGENTS | U | 00 | Div. |
| MV867A | SETTLEMENT AGENT NO | N | 04 | ./. |
| MV867B | BANK IDENTIFIER CODE(BIC) | X | 11 | ./. |
| MV867C | BANK CODE (BLZ) | N | 08 | ./. |
| MV867D | COUNTRY OF BRANCH | X | 02 | L02 |
| MV867E | PLACE OF BRANCH | X | Old: 117<br>New: 35 | ./. |
| MV867F | STREET OF BRANCH | X | Old: 117<br>New: 70 | ./. |
| MV867G | HOUSE NUMBER OF BRANCH | X | Old: 30<br>New: 16 | ./. |

In delivery format **VF1**:

| Variable ID New | Variable Name New | Format | Length | Table |
|---|---|---|---|---|
| MV882 | SETTLEMENT AGENTS | U | 00 | Div. |
| MV882A | SETTLEMENT AGENT NO | N | 04 | ./. |
| MV882B | BANK IDENTIFIER CODE(BIC) | X | 11 | ./. |
| MV882C | BANK CODE (BLZ) | N | 08 | ./. |
| MV882D | COUNTRY OF BRANCH | X | 02 | L02 |
| MV882E | PLACE OF BRANCH (1) | X | Old: 39<br>New: 35 | ./. |
| ~~MV882F~~ | ~~PLACE OF BRANCH (2)~~ | ~~X~~ | ~~39~~ | ~~./.~~ |
| ~~MV882G~~ | ~~PLACE OF BRANCH (3)~~ | ~~X~~ | ~~39~~ | ~~./.~~ |
| MV882H | STREET OF BRANCH (1) | X | 39 | ./. |
| MV882I | STREET OF BRANCH (2) | X | Old: 39<br>New: 31 | ./. |
| ~~MV882J~~ | ~~STREET OF BRANCH (3)~~ | ~~X~~ | ~~39~~ | ~~./.~~ |
| MV882K | HOUSE NUMBER OF BRANCH | X | Old: 30<br>New: 16 | ./. |

## 2.4. Numerator

The numerator is a number, which is required internally for the technical avoidance of duplicate customer numbers. It is part of the customer number and is added at its end.

## 2.5. Examples

Current depiction:

1. "**Legal entity**": ABC Bank AG, subsidiary Hamburg (in segments M and AG G)
2. **Issuer identification number** (**EKN)**: 398888 (in segments M and AG G)
3. **Settlement agent number**: 3451 (e.g. GV995 in segment G)

1. "**Legal entity":** ABC Bank AG *Filiale München* (in AG M und AG G)
2. **Issuer identification number** (**EKN)**: 888888 (in AG M und AG G)
3. **Settlement agent number**: 5789 (e.g. GV995 in AG G)

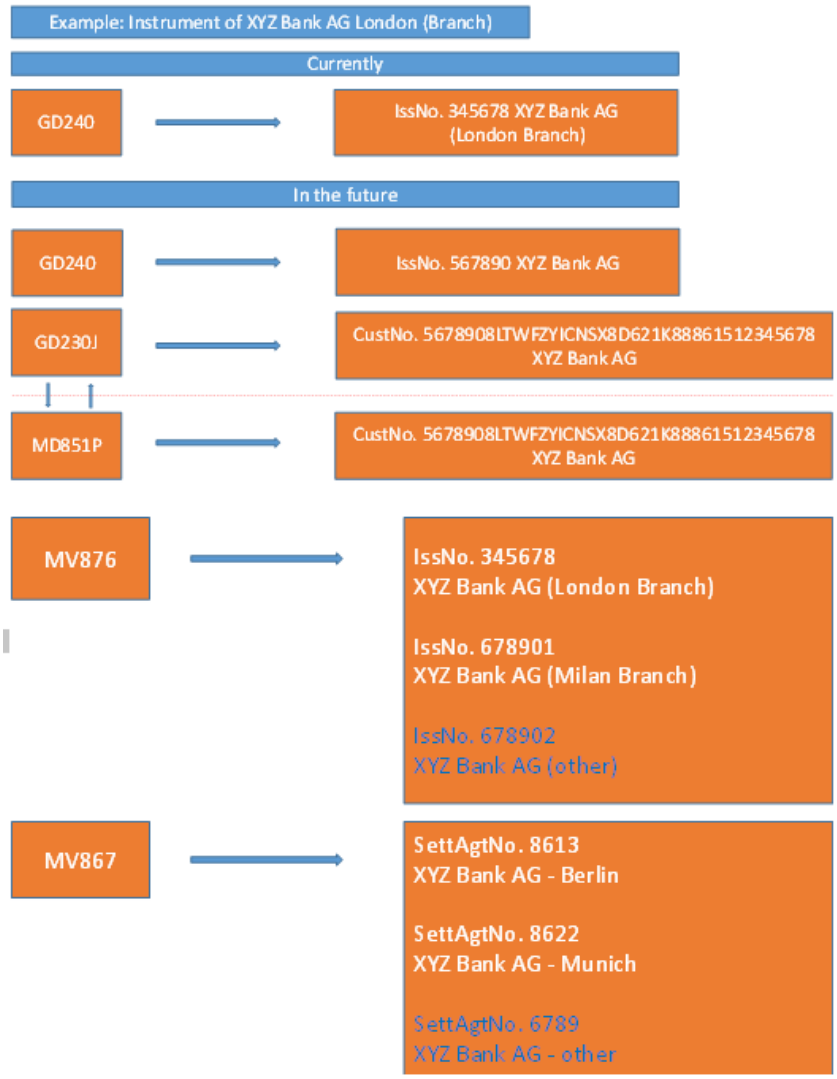
1. "**Legal entity**": ABC Bank AG subsidiary Frankfurt a. M. (in segments M and G)

2. **Issuer identification number (EKN)**: 555666 (in segments M and G)
3. **Settlement agent number**: 4444 (e.g. GV995 in segment G)

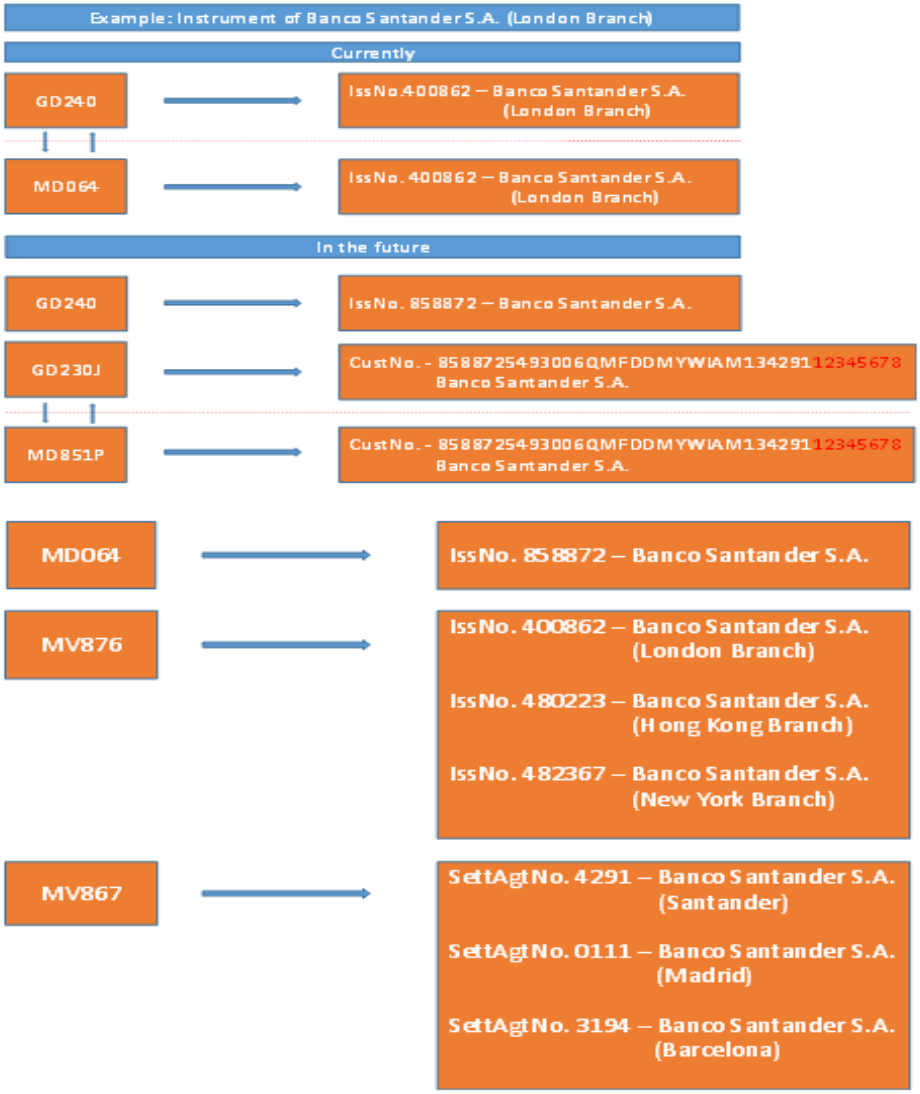
New depiction under EDDy_neu (red means leading issuer number and leading settlement agent number):

1. **Legal entity:** ABC Bank (AG M)
2. **Customer number:** 398888529900R27DL06UVNT076345100334513 (AG M)
3. **EKNs (Segment M)** **4. Settlement agent number (Segment M)**
   - 398888 - 3451
   - 888888 - 5789
   - 555666 - 4444

For illustration, here is a fictitious graphical example from the perspective of an instrument:



For further illustration, here is a concrete graphical example from the perspective of an instrument:




The following text provides the content of the previously published document D36 from the EIC.

**Definition of the customer number**

EDDy_neu will introduce a new number for the identification of issuers. The number will replace the existing issuer identification number in the future (EKN). The so-called customer number fulfils several tasks and is generated in a customer database. Firstly, the existing EKN is finite and will no longer be sufficient in the near future to cover the in-creasing number of issuers. Furthermore, the customer number is uniquely assigned to a legal entity. Legal entities that are not independent will not receive their own customer number. Thus, the customer number will be the leading identifier for future products and fulfils any requirements with regard to KYC or regulatory issues, such as due diligence with regard to customers, which are regulated in the Money Laundering Act. The existing EKN has not been able to fulfil this purpose fully in the past. If necessary, EKNs were also assigned to entities that were not legally independent (e.g., branches). In addition to the issuers, the LEI reference data will be held in a consolidated form in

the customer data-base. As a result of this harmonization, WM customers will, in the future, automatically receive the accredited data of WM as the official LEI Allocating Agency.

Important: Once a customer number has been assigned, it can no longer be changed.

Structure of the customer number:

EKN + LEI + settlement agent number + counter (38 characters, alphanumeric)

1. EKN (MD064)

   To simplify the transition to the new customer number, each customer number is preceded by a primary 6-digit EKN (numeric). Primary in this context means that the EKN of the legally independent entity that is recorded in the current issuer database is used. All other EKNs of an issuer will still continue to exist and will be stored in the customer database with the legally independent entity (MV876). After the go-live of EDDy_neu, EKNs will continue to be assigned as long as the number range is sufficient. Customers who are not yet issuers also receive an EKN. Legal entities and special funds thus receive an EKN directly, even if the issuing activity is not started until a later date. The EKN is depicted directly in the customer number. Natural persons do not receive an EKN.

   The primary EKN is propagated to the associated financial instruments and captured in GD240 provided the legal entity is an issuer.

2. LEI (MD609)

   When a new customer account is created in the customer database, it is always de-termined whether an LEI (alphanumeric, 20 characters) already exists for this legal entity. If an official LEI of an LEI allocating agency exists, it will be included in the customer number. In this case, it is irrelevant which LEI allocating agency has is-sued the LEI. If no official LEI exists, WM assigns its own internal LEI and includes it in the customer number. In this constellation, MD609 = BLANK. If the customer subsequently receives an official LEI from WM, the internal LEI automatically changes and is used as the official LEI. This again expedites the LEI issuance process enormously, as the LEI status only needs to be changed from internal to external. All LEI issuing bodies are identified by their 4-digit LOU identifier (WM: 5299). This means that every LEI that begins with the numbers 5299 has been assigned by WM Datenservice. Accordingly, customers with other LOU identifiers in the customer number have received their LEI from another official allocating agency. No internal LEI is assigned to these customers. Consequently, the LEI in the customer number can always be used for these customers (without having to check other characteristics) as it has officially been allocated by another LEI allocating agency.

3. Settlement agent number (MV867)

   The four-digit, numeric settlement agent numbers of a legal entity are provided in field MV867. Already existing settlement agents keep their number and are aggregated at the

legal entity. Consequently, for new customers who do not yet have a settlement agent number, the customer number is filled here with four zeros.

4. Counter

   Each customer is assigned a consecutive counter (numeric, 8 digits) in the customer database, which increases linearly by one with each new customer. The counter is unique and is assigned to one customer each. The counter is not depict-ted in a separate field.

# 3. Dummy WKN

**Definition:**

A dummy is a placeholder or a variable not needed for the time during programming. In the WM database this is clearly represented by the field GD198B/ variable ”product group“ with a key.

**8100 Dummy WKNs**

There are dummies, e.g. for the following financial instruments:

- for Eurex products
- base value as placeholder for the so-called “cover“

Dummies as technical support:

- bracketing of information
- reference information

The following dummies are available in the WM database, subdivided according to their functions:

**Substitute (placeholder)** for an unknown information,

for the WKN or ISIN of a financial instrument

| WKN | ISIN | Description |
|---|---|---|
| A0G9BV | XC000A0G9BV1 | techn.WKN underlying research |
| A1MLDN | DE000A1MLDN5 | techn.WKN for CLN (Credit Linked Notes) |
| A1A4P6 | DE000A1A4P63 | techn.WKN for base values (Futures) |

or for components (e.g. in the case of indices for factor certificates)

| WKN | ISIN | Description |
|---|---|---|
| A1PHHS | DE000A1PHHS6 | Dummy WKN for fees |
| A1PHHT | DE000A1PHHT4 | Dummy-WKN for interest components |

**Bracketing** of information:

| WKN | ISIN | Description |
|---|---|---|
| 989999 | XC0009899995 | Technical WKN for baskets |
| A0G9BU | XC000A0G9BU3 | Techn.WKN f.unspec.baskets/ind. |

**Reference information**

| WKN | ISIN | Description |
|---|---|---|
| 969980 | DE0009699801 | Domestic/foreign and futures exchanges |
| A1EZKU | DE000A1EZKU2 | techn.WKN settlement calendar |

**Transporter of Release information (WM Master file)**

| WKN | ISIN | Description |
|---|---|---|
| 969969 | DE0009699694 | Dummy WKN f. WM information gen. Inf. WM master file |

The dummy with the WKN "969969" is a transporter of technical instructions for the processing of data of the so-called WM-DOK for the respective Release. In this regard, will provide you further information in a separate documentation.

# 4. Depiction of market places

WM Datenservice will continue to provide all listing data from Segment X or the Stock/Futures Exchanges and Trading Practices (OHC) product at the financial instrument level and will not make any changes here.

Accordingly, these data records will continue to contain, for example, address information and classification features relating to the trading venues and trading segments. Likewise, the known information in the dummy WKN "969980" will be provided until further notice.

As an optional functional extension, we will offer the relational representation of relevant information concerning the relationship between relevant customer data, trading venue data, trading segment data, and financial instrument data.

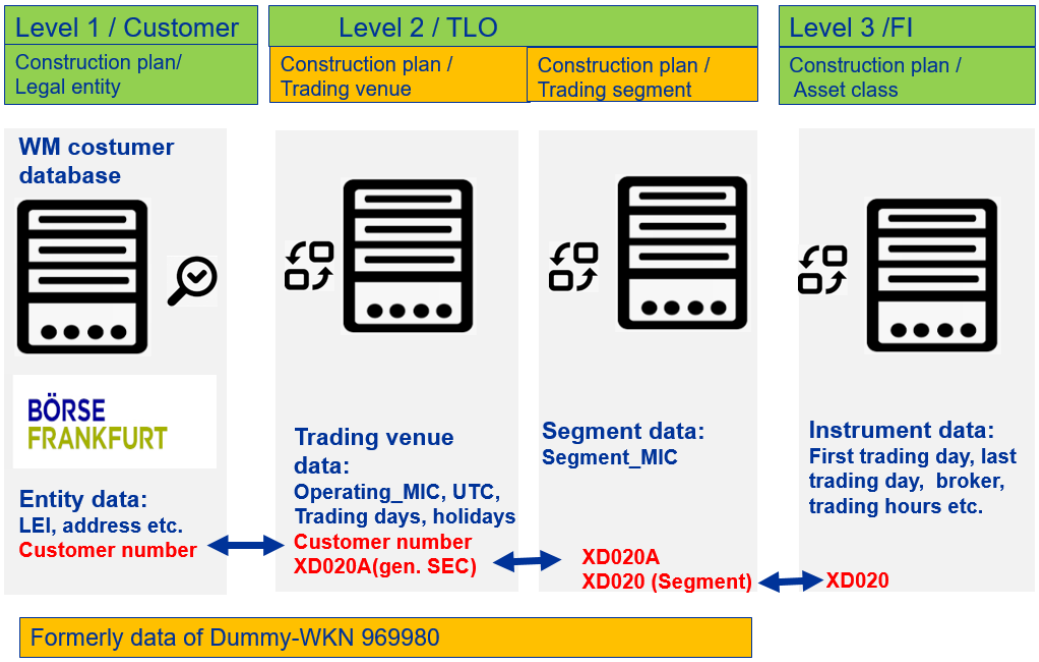
The customer data or entity data reflect the relevant information of the trading venue operator. A trading venue is potentially assigned several trading segments (usually Regulated Market and Multilateral Trading Facility (MTF)).

This

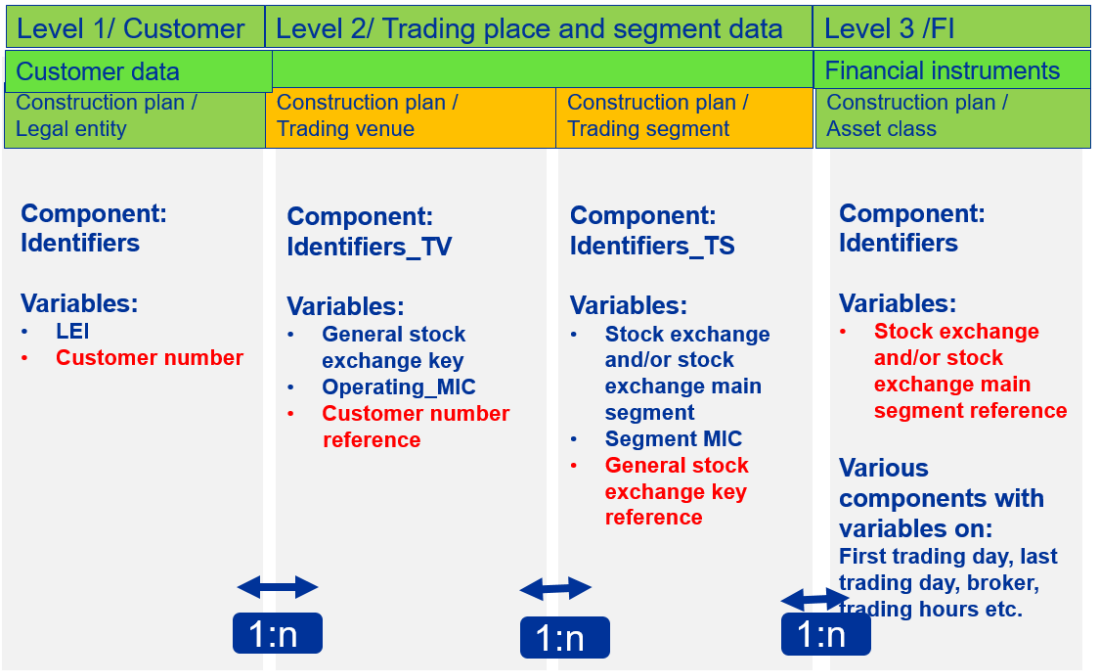
- establishes the relationship between the identifiers ISIN, LEI and MIC known from the regulatory system and
- allows the storage of the exchange data on separate construction plans, whereby
    - the basically static data are no longer displayed within the financial instrument itself and mass data changes are therefore NO LONGER required when updating stock exchange holidays or UTC (keyword: summer and winter time with changes of > 5 million listing data records) and
    - no special files have to be read in because of the mass data changes.

By implementing a new TopLevelObject (TLO) in level 2, the relational representation of the trading venues is as follows:

~~In addition to the use of the dummy WKN "969980", a new top-level object Stock Exchanges will be introduced as a reference for higher level data (among include e.g. market holidays (GV953)). The market places are therefore depicted as follows:~~



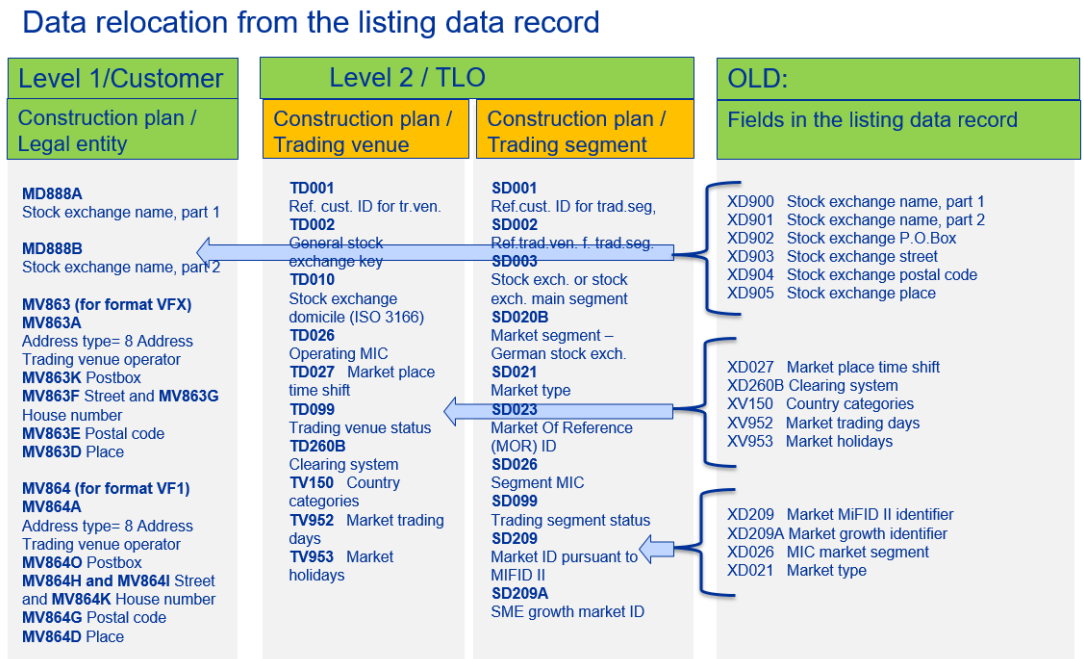

In this way, the information is stored singularly in the relevant level and passed on to the subsequent levels. This means that redundant storage can be dispensed with in the future (e.g. address data at level 3 of the financial instrument (FI)):




The Trading Venues and Trading Segments are represented by two new construction plans.

The corresponding variable “T” will be assigned to the new Segment “Trading Venues” and variable "S" to the Segment “Trading Segment”. The variables will be provided in the WM Dok with the Major Release in June 2022.

The relational representation allows a data transfer from the listing data record to the customer, Trading Venue or Trading Segment.



The identification is done via the key of WM table G32 (home/foreign exchange) which is subdivided into the tables "TV1 Trading Venue" and "TS1 Trading Segment" and is the central ID for the access code in the VF1 specifications.

Delivery in the VF1 format will be subject to the "Main Features of the Specification of the Future VF1 Format" as published in document D5 on the EIC. In the following, the functional extensions for the representation of the trading venues are shown.

The future sorting of the VF1 file in EDDy_neu is done in ascending order based on the elements contained in the access code. The 38-character access code in the VF1 file represents the unique addressing/path to the individual information:

At the TradingVenue level:

1. Segment (AG) (character 1)
2. Stock exchange key (characters 2-4)
3. Blanks (characters 5-19)
4. Sorting indicator (character 20, uniformly set to "0")
5. Reference identification (BID) (characters 21-32) (is uniformly set to "0000000000")
6. Delivery indicator (LKZ) (character 33)
7. Record sequence number (characters 34-38)

In the case of the user data (the fields and their field contents), the sorting is done in ascending order according to the field IDs.

At the TradingSegment level:

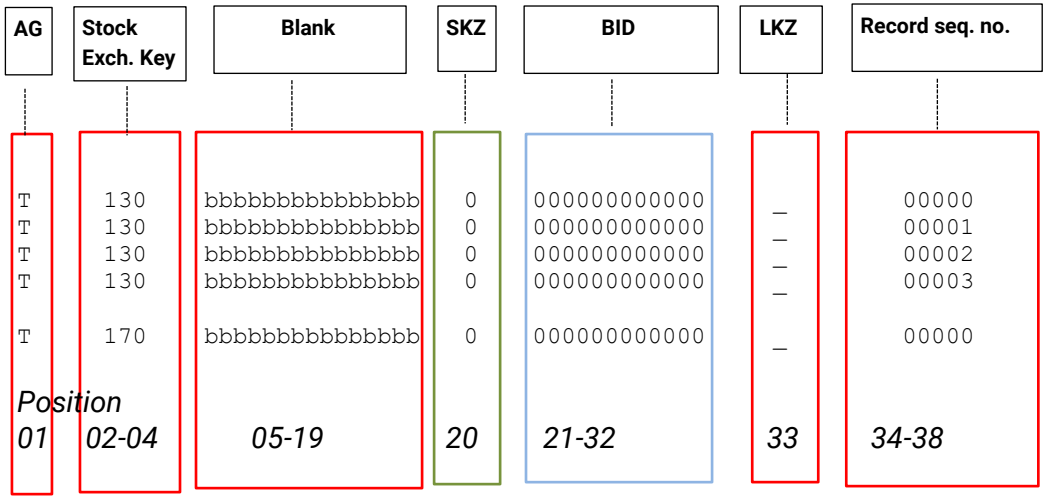
1. Segment (AG) (character 1)
2. Stock exchange key (characters 2-4)
3. Blanks (characters 5-19)
4. Sorting indicator (character 20, uniformly set to "0")
5. Reference identification (BID) (characters 21-32) (is uniformly set to "0000000000")
6. Delivery indicator (LKZ) (character 33)
7. Record sequence number (characters 34-38)

In the case of the user data (the fields and their field contents), the sorting is done in ascending order according to the field IDs

.

For a better representation, the individual elements of the access code are stretched apart and framed in color. The "blank" in the LKZ column is represented by an underscore (_).

## AG T/ TradingVenue

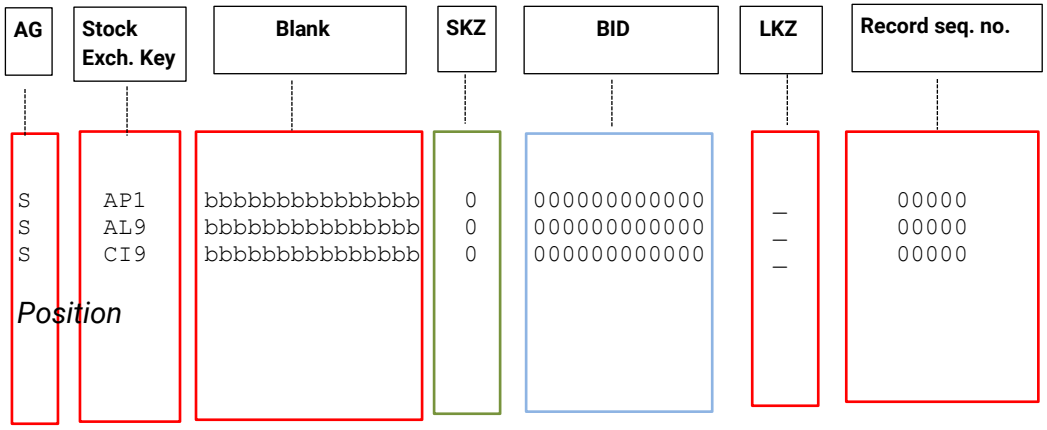



User data

```
"TD002  130"TD026  FRAA"TD027 P02
"TV150  ²A1/A2/A3/  /  /  /  /  /  /  /
"TV952  ²MO/DI/MI/DO/FR/  /  /
"TV953  ²01012018/30032018/02042018/01052018/

"TD002  170"TD026  STUA"TD027 P02
```

## AG S/ TradingSegment




User data

```
"SD002 130 "SD003 AP1 "SD026 FRAA "SD209 1
"SD002 170 "SD003 AL9 "SD026 STUA "SD209 1
"SD002 130 "SD003 CI9 "SD026 FRAS "SD209 2"SD209A J
```

Depiction of the trading of a financial instrument in several currencies (multicurrency):

In the past, there was only one listing per ISIN. In the future, WM will also depict entire listing data records for listings of an ISIN in several currencies:

| | | OLD | NEW // Multi-currency | |
|---|---|---|---|---|
| Field | FieldName | BID XFR0013398617A2T2XM1ADEAL4200000200 | BID XFR0013398617A2T2XM1A0000030000000200 | BID XFR0013398617A2T2XM1A0000040000000200 |
| XD001 | OHC BID status | 1 Published/valid | 1 Published/valid | 1 Published/valid |
| XD010 | Exchange dom./ISO | DE Bundesrep. Deutschland | DE Bundesrep. Deutschland | DE Bundesrep. Deutschland |
| XD020 | Exch./main segm. | AL4 Frankfurt - RM GS Xetra | AL4 Frankfurt - RM GS Xetra | AL4 Frankfurt - RM GS Xetra |
| XD025 | Product category | 2 Funds | 2 Funds | 2 Funds |
| XD030 | Listing status | 5 Date of first listing | 5 Date of first listing | 5 Date of first listing |
| XD480 | Listing date | 26.05.2010 | 26.05.2010 | 26.05.2010 |
| XD080 | Suppl. to main segm. | DEL XTF Exchange Trad. Funds | DEL XTF Exchange Trad. Funds | DEL XTF Exchange Trad. Funds |
| XD050A | Ticker symbol | SXR8 | SXR8_EUR | SXR8_USD |
| XD242 | Settlmt.Cu/Un/To | EUR Euro | EUR Euro | USD |
| XD243 | Quot. Cu/Un/To | EUR Euro | EUR Euro | USD |
| XD200 | Quotation lot | 1 Quotation in units | 1 Quotation in units | 1 Quotation in units |
| XD210B | Minimum lot | 1 | 1 | 1 |
| XD240 | Min. lot C/U/T | XXX Unit | XXX Unit | XXX Unit |
| | | Primary key | Primary key | |
| | | ISIN_XD020 | ISIN_XD020_Currency | |

## 5. Master data on thresholds and redemptions (formerly conversions/exchanges)

Currently, the relevant master data on thresholds and repayments for warrants, certificates, reverse convertible bonds, and bonds with a certificate-like structure are depicted textually in WM fields GD924 [REDEMPTION PRICE DEPENDENCY] and GD982 [CONVERSION OR OPTION TERMS]. In addition, this "extended master data" is provided redundantly in the UMT (Conversions/exchanges) Segment.

In the future, the information on "Ratio and start value", "Thresholds", "Amount types", "Deviating instrument to be delivered", "Settlement type" and "Participation factor" will be delivered exclusively in the structured fields/variables.

From June 2021, the field contents for the thresholds and repayment amounts will be successively developed in the new fields. The maintenance will be completed by 31 December 2021 at the latest.

The conversion will be carried out for the financial instruments with the following coding in field GD198B

- 3000 warrants

- 4000 certificates
- 2800 bonds with certificate-like structure
- as well as convertible bonds with GD198C = 2031.

Upon the launch of "EDDy_neu" the texts for the fields GD924 and GD982 will be frozen and no new texts will be produced.

In the following you find the overview of the new fields/variables and their values:

| Field ID | Field/variable | Format | Length | Table | Old field |
|---|---|---|---|---|---|
| GV1E3 | RATIO AND START VALUE | U | 00 | Div | |
| GV1E3A | THRESHOLDS/RATIO – SEQUENTIAL NUMBER | N | 06 | ./. | |
| GV1E3B | ISIN UNDERLYING | X | 12 | ./. | UD021PI |
| GV1E3C | THRESHOLDS/RATIO – RATIO NUMERATOR GERMAN | N | 9,9 | ./. | UD010D |
| GV1E3D | THRESHOLDS/RATIO – CURRENCY/ UNIT/TOKEN RATIO NUMERATOR | X | 03 | W01 | UD010A |
| GV1E3E | THRESHOLDS/RATIO - RATIO DENOMINATOR GERMAN | N | 9,9 | ./. | UD011D |
| GV1E3F | THRESHOLDS/RATIO - CURRENCY/UNIT/TOKEN RATIO DENOMINATOR | X | 03 | W01 | UD011A |
| GV1E3G | CURRENCY/UNIT/TOKEN OF THE THRESHOLD | X | 03 | W01 | UD022A |
| GV1E3H | START VALUE | N | 9,9 | ./. | |
| GV1E3I | START VALUE DATE FROM | D | 08 | ./. | |
| GV1E3J | START VALUE DATE TO | D | 08 | ./. | |
| GV1E3K | THRESHOLDS AND RATIO – CANCELLATION IDENTIFIER | X | 01 | GG2 | |
| GV1E3L | WKN Underlying | X | 06 | ./. | UD021 |
| GV1E4 | THRESHOLDS | U | 00 | Div | |
| GV1E4A | THRESHOLDS- SEQUENTIAL NUMBER | N | 06 | ./. | |
| GV1E4B | ISIN UNDERLYING | X | 12 | ./. | UD021PI |
| GV1E4C | THRESHOLD TYPE | X | 02 | FH3 | |

| Field ID | Field/variable | Format | Length | Table | Old field |
|---|---|---|---|---|---|
| GV1E4D | THRESHOLD VALUE | N | 9,9 | ./. | UD022D |
| GV1E4E | THRESHOLD VALUE IN PERCENT | N | 4,9 | ./. | |
| GV1E4F | THRESHOLD MONITORING PERIOD START | D | 08 | ./. | [UD016] |
| GV1E4G | THRESHOLD MONITORING PERIOD END | D | 08 | ./. | [UD016] |
| GV1E4H | THRESHOLDS AND RATIO – CANCELLATION IDENTIFIER | X | 01 | GG2 | |
| GV1E4I | WKN Underlying | X | 06 | ./. | UD021 |
| GV1E5 | AMOUNT TYPE | U | 00 | Div | |
| GV1E5A | AMOUNT TYPE – SEQUENTIAL NUMBER | N | 06 | ./. | |
| GV1E5B | AMOUNT TYPE | X | 02 | FH4 | |
| GV1E5C | AMOUNT | N | 9,9 | ./. | UD065 |
| GV1E5D | CURRENCY/UNIT/TOKEN AMOUNT | X | 03 | W01 | UD066 |
| GV1E5E | AMOUNT TYPE – CANCELLATION IDENTIFIER | X | 01 | GG2 | |
| GV1E6 | DEVIATING INSTRUMENT TO BE DELIVERED | U | 00 | Div | |
| GV1E6A | DEVIATING INSTRUMENT TO BE DELIVERED - SEQUENTIAL NUMBER | N | 06 | ./. | |
| GV1E6B | ISIN DEVIATING INSTRUMENT TO BE DELIVERED | X | 12 | ./. | UD089PI |
| GV1E6C | RATIO – RATIO NUMERATOR GERMAN | N | 9,9 | ./. | UD089A |
| GV1E6D | RATIO - CURRENCY/UNIT/TOKEN RATIO NUMERATOR | X | 03 | W01 | UD089B |
| GV1E6E | RATIO – RATIO DENOMINATOR GERMAN | N | 9,9 | ./. | UD089C |
| GV1E6F | RATIO - CURRENCY/UNIT/TOKEN RATIO DENOMINATOR | X | 03 | W01 | UD089D |
| GV1E6G | DEVIATING INSTRUMENT TO BE DELIVERED – CANCELLATION IDENTIFIER | X | 01 | GG2 | |

| Field ID | Field/variable | Format | Length | Table | Old field |
|---|---|---|---|---|---|
| GV1E6H | WKN DEVIATING INSTRUMENT TO BE DELIVERED | X | 06 | ./. | UD089 (internal field) |
| GD924E | FULFILLMENT TYPE | X | 01 | U23 | UD061 |
| GD924G | PARTICIPATION FACTOR | N | 9,9 | ./. | |
| GD924H | PARTICIPATION FACTOR IN PERCENT | N | 4,9 | ./. | |

For all warrants, certificates, reverse convertible bonds, and bonds with a certificate-like structure, a basic data set consisting of the following fields/variables is provided. The field assignment depends on the respective features of the financial instrument.

The representation differentiates between the old data delivery VF1 (variant A) and the new delivery formats under EDDy_neu (variant B).

Variant A:

| Field ID | Field/variable |
|---|---|
| UD001 | EXCHANGE STATUS |
| UD002A | CONTENT STATUS |
| UD005 | NUMBER OF EXCHANGE OPTIONS |
| UD007 | CONVERSION, CASH COMPENSATION OR PAYMENT METHODREASON FOR EXCHANGE |
| UD078 | EXERCISE TYPE |
| UD087 | CORPORATE EVENT IDENTIFIER (ANNUAL CERTIFICATE) |
| UD230 | CLUSTER CORPORATE ACTIONS MATRIX |

Variant B:

| Variable ID | Feld/Variable |
|---|---|
| UD001 | EXCHANGE STATUS |
| UD002A | CONTENT STATUS |
| UD005 | NUMBER OF EXCHANGE OPTIONS |
| UD007C | EXCHANGE/COMPENSATION/PAYMENT MODE |

| Variable ID | Feld/Variable |
|---|---|
| UD007D | EXCHANGE/COMPENSATION/PAYMENT ENTRY |
| UD007E | EXCHANGE/COMPENSATION/PAYMENT/ SELECTED INSTITUTION |
| UD008A | EVENT TYPE |
| UD078 | EXERCISE TYPE |
| UV254 | CORPORATE EVENTS (TAX) |
| UV254A | CONSECUTIVE NUMBER |
| UV254B | CORPORATE EVENT IDENTIFIER (ANNUAL CERTIFICATE) |
| UV254C | CLUSTER CORPORATE ACTIONS MATRIX |
| UV254E | OLD: REFERENCE TO OPTION NUMBER UV217OLD:<br><br>NEW: REFEENCE TO SEQUENTIAL NUMBER UV217A_UV255A |
| UV254F | CANCELLATION ID |
| UV254G | USAGE KEY CORPORATE EVENTS |

The specific field population depends on the corresponding features of the financial instrument.

Below is an example of the population logic of a discount certificate:

| Field ID | Field/Variable | Old field | DE000VQ2RKG0 // Discount certificate |
|---|---|---|---|
| GV1E3 | RATIO AND START VALUE | | |
| GV1E3A | THRESHOLDS/RATIO – SEQUENTIAL NUMBER | | 1 |
| GV1E3B | ISIN UNDERLYING | UD021PI | EU0009658426 |
| GV1E3C | THRESHOLDS/RATIO – RATIO NUMERATOR GERMAN | UD010D | 1 |
| GV1E3D | THRESHOLDS/RATIO – CURRENCY/ UNIT/TOKEN RATIO NUMERATOR | UD010A | ST Unit |
| GV1E3E | THRESHOLDS/RATIO - RATIO DENOMINATOR GERMAN | UD011D | 1 |
| GV1E3F | THRESHOLDS/RATIO – CURRENCY/ UNIT/TOKEN RATIO DENOMINATOR | UD011A | PT Points |

| Field ID | Field/Variable | Old field | DE000VQ2RKG0 // Discount certificate |
|---|---|---|---|
| GV1E3G | CURRENCY/UNIT/TOKEN OF THE THRESHOLD | UD022A | PT Points |
| GV1E3H | START VALUE | | 72.51 |
| GV1E3I | START VALUE DATE FROM | | 22.12.2020 |
| GV1E3J | START VALUE DATE TO | | 00.00.0000 |
| GV1E3K | THRESHOLD AND RATIO – CANCELLATION IDENTIFIER | | |
| GV1E4 | THRESHOLDS | | |
| GV1E4A | THRESHOLDS- SEQUENTIAL NUMBER | | 1 |
| GV1E4B | ISIN UNDERLYING | UD021PI | EU0009658426 |
| GV1E4C | THRESHOLD TYPE | | CA Caplevel |
| GV1E4D | THRESHOLD VALUE | UD022D | 65 |
| GV1E4E | THRESHOLD VALUE IN PERCENT | | |
| GV1E4F | THRESHOLD MONITORING PERIOD START | [UD016] | 17.12.2021 |
| GV1E4G | THRESHOLD MONITORING PERIOD END | [UD016] | 17.12.2021 |
| GV1E4H | THRESHOLDS AND RATIO – CANCELLATION IDENTIFIER | | |
| GV1E5 | AMOUNT TYPE | | |
| GV1E5A | AMOUNT TYPE – SEQUENTIAL NUMBER | | 1 |
| GV1E5B | AMOUNT TYPE | | 01 Cap amount / maximum amount |
| GV1E5C | AMOUNT | UD065 | 65 |
| GV1E5D | CURRENCY/UNIT/TOKEN AMOUNT | UD066 | EO Euro |
| GV1E5E | AMOUNT TYPE – CANCELLATION IDENTIFIER | | |
| | | | |
| GD924E | FULFILLMENT TYPE | UD061 | 5 Complex fulfilment |

| Field ID | Field/Variable | Old field | DE000VQ2RKG0 // Discount certificate |
|---|---|---|---|
| GD924G | PARTICIPATION FACTOR | | |
| GD924H | PARTIZIPATION FACTOR IN PERCENT | | |
| | | | |
| GV1E6 | DEVIATING INSTRUMENT TO BE DELIVERED | | |
| GV1E6A | DEVIATING DELIVERY INSTRUMENT– CONSECUTIVE NO. | | 1 |
| GV1E6B | ISIN DEVIATING INSTRUMENT TO BE DELIVERED | UD089PI | DE0006289309 |
| GV1E6C | RATIO – RATIO NUMERATOR GERMAN | UD089A | 1 |
| GV1E6D | RATIO - CURRENCY/UNIT/TOKEN RATIO NUMERATOR | UD089B | ST Unit |
| GV1E6E | RATIO – RATIO DENOMINATOR GERMAN | UD089C | 1 |
| GV1E6F | RATIO - CURRENCY/UNIT/TOKEN RATIO DENOMINATOR | UD089D | ST Unit |
| GV1E6G | DEVIATING INSTRUMENT TO BE DELIVERED – CANCELLATION IDENTIFIER | | |
| GV1E6F | RATIO - CURRENCY/UNIT/TOKEN RATIO DENOMINATOR | UD089D | ST Unit |

More examples were published in our Special information issue F13/ 2021.

Currently, the following fields/variables are offered for the classification of securitized derivatives:

- GD198A-G EFIC [ENHANCED FINANCIAL INSTRUMENT CLASSIFICATION]
- GD685 CLASSIFICATION OF FINANCIAL INSTRUMENTS (CFI) CODE as per ISO standard 10962
- GD189A WARRANT SEGMENTATION

In addition, field GD189B TYPISATION OF STRUCTURED PRODUCTS will be published with the June 2021 Release. In this field, due to the assessment of WM, a more detailed classification will be made based on the repayment terms. Possible values are among others:

- Discount plus
- Reverse convertible bonds plus
- Inline Warrants (range with K.-O.)

# 6. Segment M - Issuer data

Under EDDy_neu, there will be changes in Segment M. Please also take into consideration the information provided on the other segments or operations, as some topics are interconnected and cannot be considered separately (see in particular the details regarding the “customer number/WM issuer number”).

In the future, Segment M will be depicted in EDDy_neu in a so-called customer database. Accordingly, all issuers together with the relevant information will be recorded there.

One of the new features will be the separation of the issuer ratings from the financial instruments (i.e., this data will no longer be provided for the financial instruments by the issuers). As there are no plans for a historization of the data, there will also be no “generations” of customer data available under EDDy_neu. Instead, the depicted data will always be the one currently valid. This again allows the deletion of field MR031 (see ”Information/fields in Segment M that are omitted).

With the introduction of the customer database, the following constellations can arise:

1. Information/fields are deactivated in Segment M and replaced by new fields in Segment M.
2. Information/fields are deactivated within the financial instruments. In the future, the information will only be in Segment M.
3. Information/fields in Segment M that are omitted.
4. Entirely new or additional information/fields in Segment M.

The fields that will be discontinued under EDDy_neu will be deactivated at the end of the parallel phase.

## 6.1. Information/fields are deactivated in Segment M and replaced by new fields in Segment M

The company affiliations will continue to be to be delivered at customer/issuer and instrument level. The previous fields in segments A and G are deactivated and replaced by new fields (see also the chapter Company affiliations).

Company affiliations are currently represented at the customer/issuer level in MVW646. This field will be replaced by the variable “company affiliations“ (”corresponding“ field_ID: MV065) in delivery format VFX or by MV069 in delivery format VF1.

In addition to the known presentation, the country of domicile is provided in addition to the affiliation type (immediate/nationwide/worldwide parent, the name of the affiliated company and the EKN, the customer number and the LEI. The EKN and the customer number will only be delivered , if the company is available in the customer database. In this case, if available, the LEI will also be delivered.

| Variable ID | Variable name | *Replacement by =>* | VariableID | Variables name |
|---|---|---|---|---|
| MVW646 - incl. the corresponding linkage fields MVW646A to MVW646E | Company affil. V | | MV065 (VFX) or MV069 (VF1) | Affil. §18 AktG |

In the future, company affiliations at the customer/issuer level will be shown in the linkage MV065 (VFX) in the component Company Affiliations according to Section 18 of the German Stock Corporation Act (AktG) or in the linkage MV069 (VF1) in the component Company Affiliations according to Section 18 of the German Stock Corporation Act (AktG) and supplemented by the variables affiliation type, name, country, LEI, customer number and EKN of the affiliated company:

Depiction when delivery is carried out in **VFX format**:

<table>
<tr><th>Component</th><th>„“Corresponding“ field ID</th><th>Variable name</th><th>Note</th></tr>
<tr><td rowspan="6">Company affiliation as per Section 18 Stock Corporation Act (AktG).</td><td>MV065</td><td>Affil. § 18 AktG.</td><td></td></tr>
<tr><td>MV065A</td><td>Affiliation type</td><td>Possible values of the variable according to table M69:<table><tr><th>Key</th><th>Decode</th></tr><tr><td>U</td><td>Immediate parent company pursuant to Sec. 18 AktG</td></tr><tr><td>L</td><td>Nationwide parent company pursuant to Sec. 18 AktG</td></tr><tr><td>W</td><td>Worldwide parent company according to Sec.18 AktG</td></tr></table></td></tr>
<tr><td>MV065B</td><td>Name</td><td></td></tr>
<tr><td>MV065C</td><td>Country</td><td>as per table L02</td></tr>
<tr><td>MV065D</td><td>LEI</td><td>Only available if the group is also entered as an issuer in the customer</td></tr>
</table>

| Component | „“Corresponding“ field ID | Variable name | Note |
|---|---|---|---|
| | | | database and has an LEI. Otherwise the field is not filled. |
| | MV065E | Customer number | Only available if the group is also entered as an issuer in the customer database. Otherwise the field is not filled. |
| | MV065F | Issuer number | Only available if the entity is also created as customer in the customer database. Otherwise, the field is not populated. |

Depiction when delivery is carried out in **VF1 format**:

| Component | Variable ID | Variable Name | Note |
|---|---|---|---|
| Company affiliation as per Section 18 Stock Corporation Act (AktG). | MV069 | Affil. § 18 AktG. | |
| | MV069A | Affiliation type | Possible values of the variable according to table M69: |

| Key | Decode |
|---|---|
| U | Immediate parent company pursuant to Sec. 18 AktG |
| L | Nationwide parent company pursuant to Sec. 18 AktG |

| Component | Variable ID | Variable Name | Note |
|---|---|---|---|
| | | | W: Worldwide parent company according to Sec.18 AktG |
| | MV069B | Name(1) | Depicts the characters 1-39 of the name. |
| | MV069C | Name(2) | Depicts the characters 40-78 of the name. |
| | MV069D | Name(3) | Depicts the characters 79-117 of the name. |
| | MV069E | Name(4) | Depicts the characters 118-156 of the name. |
| | MV069F | Name(5) | Depicts the characters 157-195 of the name. |
| | MV069G | Name(6) | Depicts the characters 196-234 of the name. |
| | MV069H | Name(7) | Depicts the characters 235-273 of the name. |
| | MV069i | Country | As per table L02 |
| | MV069J | LEI | Only available if the entity is also created as a customer in the customer database and has an LEI. Otherwise the field is not filled. |
| | MV069K | Customer number | Only available if the entity is also created as a customer in the customer database. Otherwise the field is not filled. |
| | MV069L | Issuer number | Only available if the entity is also created as a customer in the customer database. Otherwise the field is not populated. |

The following is an example of the structure of the company affiliations currently depicted in **MVW646** and under EDDy_neu in Affiliation as per Section 18 of the Stock Corporation Act (AktG) (corresponding field ID: MV065) (**VFX)** and/or depicted in **MV069** (**VF1**).

Current depiction in MVW646:

| MVW646A | MVW646B | MVW646C | MVW646D | MVW646E |
|---|---|---|---|---|
| 1 | 151302 | Artists Living Dresden PP GmbH | | |
| 2 | 153398 | Consus RE GmbH | | |
| 3 | 841447 | Consus Real Estate AG | | |
| 4 | 753053 | ADLER Group S.A. | | |

Depiction of company affiliation in **affil. §18 AktG** (“corresponding” field ID; MV065) when delivered in **VFX format**:

| MV065A | MV065B | MV065C | MV065D | MV065E | MV065F |
|---|---|---|---|---|---|
| U | Consus RE GmbH | DE | 8945007YJH7Z1MMG6P74 | 1533988945007YJH7Z1MMG6P74000015876528 | 153398 |
| L | Consus Real Estate AG | DE | 9676007H44QN6VYEBV03 | 8414479676007H44QN6VYEBV03000054879968 | 841447 |

| | | | | | |
|---|---|---|---|---|---|
| W | ADLER Group S.A. | LU | 391200OYYFJ3DWAMEC69 | 7530533912000YYFJ3DWAMEC69000047356221 | 753053 |

Depiction of company affiliation in **MV069** when delivered in **VF1 format**:

| MV069A | MV069B | MV069C | MV069D | MV069E | MV069F | MV069G | MV069H | MV069i | MV069J | MV069K | MV069L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U | **Consus RE GmbH** | | | | | | | **DE** | 8945007YJH7Z1MMG6P74 | 1533988945007YJH7Z1MMG6P74000015876528 | 153398 |
| L | **Consus Real Estate AG** | | | | | | | **DE** | 9676007H44QN6VYEBV03 | 8414479676007H44QN6VYEBV03000054879968 | 841447 |
| W | **ADLER Group S.A.** | | | | | | | **LU** | 391200OYYFJ3DWAMEC69 | 753053391200OYYFJ3DWAMEC69000047356221 | 753053 |

According to the new structure, the following mapping applies to MVW646 and GV646 when delivered in **VFX format:**

| **New "corresponding" variable ID** | **Variable name** | | **Old variable ID - Specification of fields at issuer and instrument level** | | | |
|---|---|---|---|---|---|---|
| MV065 | Affil. § 18 AktG. | | | Immediate parent company pursuant | Nationwide parent company | Worldwide parent company |
| MV065A | Affiliation type | ← | | MVW646A=2 / GV646A=2 | MVW646A=3 / GV646A=3 | MVW646A=4 / GV646A=4 |
| MV065B | Name | ← | | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E |
| MV065C | Country | | | | | |
| MV065D | LEI | | | | | |
| MV065E | Customer number | | | | | |
| MV065F | Issuer number | ← | | (MVW646B / GV646B) | (MVW646B / GV646B) | (MVW646B / GV646B) |

According to the new structure, the following mapping applies to MVW646 and GV646 when delivered in **VF1 Format:**

| **New variable ID** | **Variable name** | | **Old variable ID - Specification of fields at issuer and instrument level** | | |
|---|---|---|---|---|---|
| MV069 | Affil. § 18 AktG. | | Immediate parent company pursuant | Nationwide parent company | Worldwide parent company |
| MV069A | Affiliation Type | ← | MVW646A=2 / GV646A=2 | MVW646A=3 / GV646A=3 | MVW646A=4 / GV646A=4 |
| MV069B | Name(1) | ← | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E |
| MV069C | Name(2) | ← | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E |
| MV069D | Name(3) | ← | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E |
| MV069E | Name(4) | ← | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E |
| MV069F | Name(5) | ← | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E |
| MV069G | Name(6) | ← | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E |
| MV069H | Name(7) | ← | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E | MVW646C-E // GV646C-E |

| New variable ID | Variable name | | Old variable ID - Specification of fields at issuer and instrument level | | |
|---|---|---|---|---|---|
| MV069i | Country | | | | |
| MV069J | LEI | | | | |
| MV069K | Customer number | | | | |
| MV069L | Issuer number | ← | MVW646B / GV646B | MVW646B / GV646B | MVW646B / GV646B |

## 6.2. Information/fields are deactivated within the financial instruments. In the future, the information will only be provided in Segment M.

The issuer ratings are omitted at the level of the financial instruments. It is, however, possible to receive the ratings of the issuers via the known representation in Segment M or instead, to use the aforementioned new form under Entirely new or additive information/fields in Segment M.

| Variable ID | Variable name | Replaced by => | Variable ID | Variable name |
|---|---|---|---|---|
| GV466 - incl. the corresponding linkage fields GV466A to GV466L | Moodys LC LT R. | Replacement via the existing issuer ratings in Segment M or new depiction | MDV466A to MDV466J<br>**Note**: Please also consider the fields indicated in the section “Entirely new or additional information/fields in Segment M”. | Moodys LC LT |
| GV467 - incl. the corresponding linkage fields GV467A to GV467L | Moodys FC LT R. | Replacement via the existing issuer ratings in Segment M or new depiction | MDV467A to MDV467J<br>**Note**: Please also consider the fields indicated in the section “Entirely new or additional information/fields in Segment M”. | Moodys FC LT |
| GV468 - incl. the corresponding linkage fields GV468A to GV468L | Moodys LC ST R. | Replacement via the existing issuer ratings in Segment M or new depiction | MDV468A to MDV468J<br>**Note**: Please also consider the fields indicated in the section “Entirely new or additional information/fields in Segment M”. | Moodys LC ST |
| GV469 - incl. the corresponding | Moodys FC ST R. | Replacement via the existing issuer ratings in | MDV469A to MDV469J<br>**Note**: Please also consider the fields | Moodys FC ST |

| Variable ID | Variable name | Replaced by => | Variable ID | Variable name |
|---|---|---|---|---|
| linkage fields GV469A to GV469L | | Segment M or new depiction | indicated in the section “Entirely new or additional information/fields in Segment M”. | |
| GV416 - incl. the corresponding linkage fields GV416A to GV416D, GV416i to GV416L, GD243i, GD243J | FIT EM ST Rat. | Replacement via the existing issuer ratings in Segment M or new depiction | MDV450M-MDV450Q, MDV450V-MDV450Y, MDV451Y, MDV451Z<br>**Note**: Please also consider the fields indicated in the section “Entirely new or additional information/fields in Segment M”. | FIT ST Em Rat, FIT ST LC Rat. |
| GV415 - incl. the corresponding linkage fields GV415A to GV415D, GV415i to GV415L, GD243i, GD243J | FIT EM LT Rat. | Replacement via the existing issuer ratings in Segment M or new depiction | MDV450A-MDV450D, MDV450i-MDV450L, MDV451Y, MDV451Z<br>**Note**: Please also consider the fields indicated in the section “Entirely new or additional information/fields in Segment M”. | FIT LT Em Rat, FIT LT LC Rat. |
| GV830 - incl. the corresponding linkage fields GV830A to GV830F, GD244H | S+P ST FC Em.-R.V | Replacement via the existing issuer ratings in Segment M or new depiction | MDV830A-MDV830F, MDV830H<br>**Note**: Please also consider the fields indicated in the section “Entirely new or additional information/fields in Segment M”. | S+P ST FC Rat. |

| Variable ID | Variable name | Replaced by => | Variable ID | Variable name |
|---|---|---|---|---|
| GV831 - incl. the corresponding linkage fields GV831A to GV831F, GD244J | S+P ST LC Em.-R.V | Replacement via the existing issuer ratings in Segment M or new depiction | MDV831A-MDV831F, MDV831H **Note**: Please also consider the fields indicated in the section “Entirely new or additional information/fields in Segment M”. | S+P ST LC Rat. |
| GV832 - incl. the corresponding linkage fields GV832A to GV832F, GD244H | S+P LT FC Em.-R.V | Replacement via the existing issuer ratings in Segment M or new depiction | MDV832A-MDV832F, MDV830H **Note**: Please also consider the fields indicated in the section “Entirely new or additional information/fields in Segment M”. | S+P LT FC Rat. |
| GV833 - incl. the corresponding linkage fields GV833A to GV833F, GD244J | S+P LT LC Em.-R.V | Replacement via the existing issuer ratings in Segment M or new depiction | MDV833A-MDV833F, MDV831H **Note**: Please also consider the fields indicated in the section “Entirely new or additional information/fields in Segment M”. | S+P LT LC Rat. |

## 6.3. Information/fields in Segment M that are omitted

The following fields in Segment M will be deactivated or frozen upon the launch of EDDy_neu as they are not or hardly relevant.

| Variable ID | Variable name | Note |
|---|---|---|
| MD701 | Issuer abbrev. | |
| MDV01 | Origin | |
| MDV02 | Origin date | |
| MD230 | Half inc.proc.fr. | |
| MD350 | Teletex/telex | |
| MD193 | Convocation type | |
| MD206E | ICB Industry | |
| MD206F | ICB Supersector | |
| MD206G | ICB Sector | |
| MD206H | ICB Subsector | |
| MD220 | Simplified proc. | |
| MD702 | BvD ID | |
| MD702C | BvD Name | |
| MD702D | GUO ID | |
| MD702E | GUO Name | |
| MD702F | GUO Country | |
| MR031 | Super.iss.gen. | |

| Variable ID | Variable name | Note |
|---|---|---|
| MTSUWO | Issuer search cr. | See also the separate MTSUWO section in this documentation. |
| MDV466A/467A/468A/469A | Moody´s Rating ID | |
| MDV462A to L | Moody's Local Currency Corporate Family Rating | |
| MDV463A to L | Moody's Foreign Currency Corporate Family Rating | |
| MDV464A to L | Moody's Local Currency Financial Strenght Rating | |
| MDV465A to L | Moody's Foreign Currency Financial Strenght Rating | |
| MDV474A to L | Moody's Long-Term Foreign Currency Bank Deposit Rating | |
| MDV475A to L | Moody's Short-Term Foreign Currency Bank Deposit Rating | |
| MDV476A to L | Moody's Long-Term Local Currency Bank Deposit Rating | |
| MDV477A to L | Moody's Short-Term Local Currency Bank Deposit Rating | |
| MDV466K to L | Moody's Long-Term Local Currency Issuer Rating - Office Code/Withdrawal Reason | |
| MDV467K to L | Moody's Long-Term Foreign Currency Issuer Rating - Office Code/Withdrawal Reason | |

| Variable ID | Variable name | Note |
|---|---|---|
| MDV468K to L | Moody's Short-Term Local Currency Issuer Rating - Office Code/Withdrawal Reason | |
| MDV469K to L | Moody's Short-Term Foreign Issuer Rating - Office Code/Withdrawal Reason | |
| MDV478A to K | Moody's Long-Term and Short-Term Issuer Level Rating | |
| MDV479A to M | Moody's Probability of Default Rating | |
| MDV450E to H | Fitch Long Term National Issuer Rating (LTNIR) | |
| MDV450R to U | Fitch Short Term National Issuer Rating (STNIR) | |
| MDV450Z, MDV451A to C | Fitch Bank Support Rating | |
| MDV451D to G | Fitch Insurer Financial Strength Rating | |
| MDV451H to K | Fitch National Insurer Financial Strength Rating (FNIFSR) | |
| MDV451L/M/N/P | Fitch Sovereign Country Ceiling Rating | |
| MDV451Q to T | Fitch Issuer Market Sensitivity Rating | |
| MDV451U to X | Fitch Viability Rating | |
| MDV830G | S&P Regulatory Qualifier Foreign Currency Rating | |

| Variable ID | Variable name | Note |
|---|---|---|
| MDV831G | S&P Regulatory Qualifier Local Currency Rating | |
| MDV834A to H | S&P Short-Term Local Currency Financial Strenght Rating | |
| MDV835A to F | S&P Long-Term Local Currency Financial Strength Rating | |

### 6.3.1. Information/fields that are deleted in Segment M and simultaneously deactivated at the financial instrument level.

The deletion includes the following fields:

| | |
|---|---|
| MD702 | BvD-ID |
| MD702C | BvD-Name |
| MD702D | GUO-ID |
| MD702E | GUO-Name |
| MD702F | GUO-Country |

In Segment M, the fields at the financial instruments level in Segment G will also be deleted:

| | |
|---|---|
| GD600 | BvD-ID |
| GD600C | BvD-Name |
| GD600D | GUO-ID |
| GD600E | GUO Name |
| GD600F | GUO-Country |

The fields will be deactivated at the end of the parallel phase.

# 6.4. Entirely new or additional information/fields in Segment M

## 6.4.1. Issuer ratings

In addition to the current representation of issuer ratings, a depiction without coding is added. As a result, the ratings are depicted 1:1, i.e., in the same manner as they are supplied by the rating agencies. Consequently, there is no need to convert the WM coding into the actual rating format. The new representation is provided for the ratings of the agencies Moody's, Fitch, and S&P and is mapped as a table (linkage) in individual components. For each individual rating type, there is a separate row entry. The representation thus includes a maximum of 4 entries per ISIN and per rating module of the individual rating agencies.

<table>
<tr><th>Component</th><th>Variable ID</th><th>Variable name</th><th></th><th>Note</th></tr>
<tr><td rowspan="6">Moody's issuer rating</td><td>MV872</td><td>MoodyRatIss</td><td></td><td></td></tr>
<tr><td>MV872A</td><td>RatingType</td><td>→</td><td>Possible values of the variable according to table M65:<table><tr><th>Key</th><th>Decode</th></tr><tr><td>LT-FC</td><td>LONG-TERM FOREIGN CURRENCY</td></tr><tr><td>LT-LC</td><td>LONG-TERM LOCAL CURRENCY</td></tr><tr><td>ST-FC</td><td>SHORT-TERM FOREIGN CURRENCY</td></tr><tr><td>ST-LC</td><td>SHORT-TERM LOCAL CURRENCY</td></tr></table></td></tr>
<tr><td>MV872B</td><td>Rating</td><td></td><td>Aaa, Ba etc.</td></tr>
<tr><td>MV872C</td><td>RatingDate</td><td></td><td></td></tr>
<tr><td>MV872D</td><td>Action</td><td></td><td></td></tr>
<tr><td>MV872E</td><td>Watch</td><td></td><td></td></tr>
</table>

<table>
<tr><th>Component</th><th>Variable ID</th><th>Variable name</th><th></th><th>Note</th></tr>
<tr><td rowspan="6"></td><td>MV872F</td><td>WatchDate</td><td></td><td></td></tr>
<tr><td>MV872G</td><td>Outlook</td><td></td><td></td></tr>
<tr><td>MV872H</td><td>OutlookDate</td><td></td><td></td></tr>
<tr><td>MV872i</td><td>Endorsement</td><td></td><td></td></tr>
<tr><td>MV872J</td><td>ShadowCode</td><td></td><td></td></tr>
<tr><td rowspan="10">Fitch issuer rating</td><td>MV873</td><td>FitchRatIss</td><td></td><td></td></tr>
<tr><td>MV873A</td><td>RatingType</td><td>→</td><td>Possible values of the variable according to table M66:<table><tr><th>Key</th><th>Decode</th></tr><tr><td>LT-D</td><td>LONG-TERM DEFAULT</td></tr><tr><td>LT-LCD</td><td>LONG-TERM LOCAL CURRENCY DEFAULT</td></tr><tr><td>ST-D</td><td>SHORT-TERM DEFAULT</td></tr><tr><td>ST-LCD</td><td>SHORT-TERM LOCAL CURRENCY DEFAULT</td></tr></table></td></tr>
<tr><td>MV873B</td><td>Rating</td><td></td><td>AAA, BBB etc.</td></tr>
<tr><td>MV873C</td><td>RatingDate</td><td></td><td></td></tr>
<tr><td>MV873D</td><td>Action</td><td></td><td></td></tr>
<tr><td>MV873E</td><td>Watch</td><td></td><td></td></tr>
<tr><td>MV873F</td><td>Outlook</td><td></td><td></td></tr>
<tr><td>MV873G</td><td>Endorsement</td><td></td><td></td></tr>
</table>

<table>
<tr><th>Component</th><th>Variable ID</th><th>Variable name</th><th></th><th>Note</th></tr>
<tr><td></td><td>MV873H</td><td>Indicator</td><td></td><td></td></tr>
<tr><td rowspan="10">S&P issuer rating</td><td>MV874</td><td>S&PRatIss</td><td></td><td></td></tr>
<tr><td>MV874A</td><td>RatingType</td><td>→</td><td>Possible values of the variable according to table M67:<table><tr><th>Key</th><th>Decode</th></tr><tr><td>LT-FC</td><td>LONG-TERM FOREIGN CURRENCY</td></tr><tr><td>LT-LC</td><td>LONG-TERM LOCAL CURRENCY</td></tr><tr><td>ST-FC</td><td>SHORT-TERM FOREIGN CURRENCY</td></tr><tr><td>ST-LC</td><td>SHORT-TERM LOCAL CURRENCY</td></tr></table></td></tr>
<tr><td>MV874B</td><td>Rating</td><td></td><td>AAA, BBB etc.</td></tr>
<tr><td>MV874C</td><td>RatingDate</td><td></td><td></td></tr>
<tr><td>MV874D</td><td>Watch</td><td></td><td></td></tr>
<tr><td>MV874E</td><td>WatchDate</td><td></td><td></td></tr>
<tr><td>MV874F</td><td>Outlook</td><td></td><td></td></tr>
<tr><td>MV874G</td><td>OutlookDate</td><td></td><td></td></tr>
<tr><td>MV874H</td><td>Endorsement</td><td></td><td></td></tr>
</table>

Example for MV872:

| MV872A | MV872B | MV872C | MV872D | MV872E | MV872F | MV872G | MV872H | MV872i | MV872J |
|---|---|---|---|---|---|---|---|---|---|
| LT-LC | A3 | 21.04.2020 | AFFIRM | | | NEG | 21.04.2020 | EU Rated | CFR |
| LT-FC | A3 | 21.04.2020 | AFFIRM | | | NEG | 21.04.2020 | EU Rated | CFR |

By consolidating the individual rating types into one link/table per rating agency, the required number of fields is greatly reduced. Below is an overview of how the current representation can be mapped to the new one:

| **Variable ID** | **Variable name** | **Rating type** | | **Old field** | **Old field description** |
|---|---|---|---|---|---|
| MV872 | MoodyRatIss | LT-LC | ← | MDV466B - MDV466J | Moody's Local Currency Long Term Issuer Rating |
| | | LT-FC | ← | MDV467B - MDV467J | Moody's Foreign Currency Long Term Issuer Rating |
| | | ST-LC | ← | MDV468B - MDV468J | Moody's Local Currency Short Term Issuer Rating |
| | | ST-FC | ← | MDV469B - MDV469J | Moody's Foreign Currency Short Term Issuer Rating |

| Variable ID | Variable name | Rating type | | Old field | Old field description |
|---|---|---|---|---|---|
| MV873 | FitchRatIss | LT-D | ← | MDV450A - MDV450D, MDV451Y, MDV451Z | Fitch Long Term Issuer/Default Rating |
| | | LT-LCD | ← | MDV450i - MDV450L, MDV451Y, MDV451Z | Fitch Long Term Local Currency Issuer/Default Rating |
| | | ST-D | ← | MDV450M - MDV450Q, MDV451Y, MDV451Z | Fitch Short Term Issuer/Default Rating |
| | | ST-LCD | ← | MDV450V- MDV450Y, MDV451Y, MDV451Z | Fitch Short Term Local Currency Issuer/Default Rating |
| MV874 | S&PRatIss | LT-LC | ← | MDV833A - MDV833F, MDV831H | Standard & Poor's Long-Term Local Currency Issuer Rating |
| | | LT-FC | ← | MDV832A - MDV832F, MDV830H | Standard & Poor's Long-Term Foreign Currency Issuer Rating |
| | | ST-LC | ← | MDV831A - MDV831F, MDV831H | Standard & Poor's Short-Term Local Currency Issuer Rating |
| | | ST-FC | ← | MDV830A - MDV830F, MDV830H | Standard & Poor's Short-Term Foreign Currency Issuer Rating |

The result is the following mapping (incl. omission of the representation on the basis of the instruments):

| MV872 | MoodysRatIss | | Old fields Moody´s - indication of fields at issuer and instrument level respectively | | | |
|---|---|---|---|---|---|---|
| MV872A | RatingType | ← | LT-LC | LT-FC | ST-LC | ST-FC |
| MV872B | Rating | ← | MDV466B / GV466B | MDV467B / GV467B | MDV468B / GV468B | MDV469B / GV469B |
| MV872C | RatingDate | ← | MDV466C / GV466C | MDV467C / GV467C | MDV468C / GV468C | MDV469C / GV469C |
| MV872D | Action | ← | MDV466D / GV466D | MDV467D / GV467D | MDV468D / GV468D | MDV469D / GV469D |
| MV872E | Watch | ← | MDV466E / GV466E | MDV467E / GV467E | MDV468E / GV468E | MDV469E / GV469E |
| MV872F | WatchDate | ← | MDV466F / GV466F | MDV467F / GV467F | MDV468F / GV468F | MDV469F / GV469F |
| MV872G | Outlook | ← | MDV466G / GV466G | MDV467G / GV467G | MDV468G / GV468G | MDV469G / GV469G |
| MV872H | OutlookDate | ← | MDV466H / GV466H | MDV467H / GV467H | MDV468H / GV468H | MDV469H / GV469H |
| MV872i | Endorsement | ← | MDV466i / GV466i | MDV467i / GV467i | MDV468i / GV468i | MDV469i / GV469i |
| MV872J | ShadowCode | ← | MDV466J / GV466J | MDV467J / GV467J | MDV468J / GV468J | MDV469J / GV469J |

| MV873 | FitchRatIss | | Old fields Fitch - indication of fields at issuer and instrument level respectively | | | |
|---|---|---|---|---|---|---|
| MV873A | RatingType | ← | LT-D | LT-LCD | ST-D | ST-LCD |
| MV873B | Rating | ← | MDV450A / GV415A | MDV450i / GV415i | MDV450M / GV416A | MDV450V / GV416i |
| MV873C | RatingDate | ← | MDV450C / GV415C | MDV450K / GV415K | MDV450P / GV416C | MDV450X / GV416K |
| MV873D | Action | ← | MDV450B / GV415B | MDV450J / GV415J | MDV450N / GV416B | MDV450W / GV416J |
| MV873E | Watch | ← | MDV450D / GV415D | MDV450L / GV415L | MDV450Q / GV416D | MDV450Y / GV416L |
| MV873F | Outlook | ← | MDV450D / GV415D | MDV450L / GV415L | MDV450Q / GV416D | MDV450Y / GV416L |
| MV873G | Endorsement | ← | MDV451Y / GD243i | MDV451Y / GD243i | MDV451Y / GD243i | MDV451Y / GD243i |
| MV873H | Indicator | ← | MDV451Z / GD243J | MDV451Z / GD243J | MDV451Z / GD243J | MDV451Z / GD243J |

| MV874 | S&PRatIss | | Old fields S&P - indication of fields at issuer and instrument level respectively | | | |
|---|---|---|---|---|---|---|
| MV874A | RatingType | ← | LT-LC | LT-FC | ST-LC | ST-FC |
| MV874B | Rating | ← | MDV833A / GV833A | MDV832A / GV832A | MDV831A / GV831A | MDV830A / GV830A |
| MV874C | RatingDate | ← | MDV833B / GV833B | MDV832B / GV832B | MDV831B / GV831B | MDV830B / GV830B |
| MV874D | Watch | ← | MDV833C / GV833C | MDV832C / GV832C | MDV831C / GV831C | MDV830C / GV830C |
| MV874E | WatchDate | ← | MDV833D / GV833D | MDV832D/ GV832D | MDV831D / GV831D | MDV830D / GV830D |
| MV874F | Outlook | ← | MDV833E / GV833E | MDV832E / GV832E | MDV831E / GV831E | MDV830E / GV830E |
| MV874G | OutlookDate | ← | MDV833F / GV833F | MDV832F / GV832F | MDV831F / GV831F | MDV830F / GV830F |
| MV874H | Endorsement | ← | MDV831H / GD244J | MDV830H/ GD244H | MDV831H / GD244J | MDV830H / GD244H |

## 6.4.2. Other customer and/or Issuer data

The following fields are also additive information that is delivered in addition to the current representation.

### 6.4.2.1. Address data

In delivery format **VFX**:

| "Corresponding" variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MV863 | AddressData | U | 00 | DIV |
| MV863A | AddressType | X | 01 | M49 |
| MV863B | AddressSource | X | 02 | M50 |
| MV863C | Country | X | 02 | L02 |
| MV863D | Place | X | Old: 117<br>New: 35 | ./. |
| MV863E | PostCode | X | Old: 20<br>New: 16 | ./. |
| MV863F | Street | X | Old: 117<br>New: 70 | ./. |
| MV863G | HouseNumber | X | Old: 30<br>New: 16 | ./. |
| MV863H | AddToAddrFloor | X | 30 | ./. |
| MV863I | AddToAddrRoom | X | 30 | ./. |
| MV863J | AddToAddrMisc | X | 30 | ./. |
| MV863K | Postbox | X | 30 | ./. |
| MV863L | State | X | 06 | L07 |

In delivery format **VF1**:

| Variable ID new | Variable name New | Format | Length | Table |
|---|---|---|---|---|
| MV864 | AddressData | U | 00 | Div |
| MV864A | AddressType | X | 01 | M49 |
| MV864B | AddressSource | X | 02 | M50 |
| MV864C | Country | X | 02 | L02 |
| MV864D | Place (1) | X | Old: 39<br>New: 35 | ./. |
| ~~MV864E~~ | ~~Place (2)~~ | ~~X~~ | ~~39~~ | ~~./.~~ |
| ~~MV864F~~ | ~~Place (3)~~ | ~~X~~ | ~~39~~ | ~~./.~~ |
| MV864G | PostalCode | X | Old: 20<br>New: 16 | ./. |
| MV864H | Street (1) | X | 39 | ./. |
| MV864I | Street (2) | X | Old: 39<br>New: 31 | ./. |
| ~~MV864J~~ | ~~Street (3)~~ | ~~X~~ | ~~39~~ | ~~./.~~ |
| MV864K | HouseNumber | X | Old: 30<br>New: 16 | ./. |
| MV864L | AddAddrInfoFloor | X | 30 | ./. |
| MV864M | AddAddrInfoRoom | X | 30 | ./. |
| MV864N | AddAddrInfoMisc | X | 30 | ./. |
| MV864O | PostOfficeBox | X | 30 | ./. |
| MV864P | State | X | 06 | L07 |

### 6.4.2.2. Register data

| Variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MDV47 | PlaceOfRegister | X | 40 | ./. |
| MDV45 | RegisterNo. | X | 12 | ./. |
| MDV46 | RegisterType | X | 01 | M17 |
| MD851E | RegisterStatus | X | 01 | M47 |
| MDV48 | RegisterDate | D | 08 | ./. |
| MD852B | ShareCapAccRegEn | N | Old: 30<br>New: 18 | ./. |
| MD852C | CurrencyShareCap. | X | 03 | W02 |
| MD852R | RegisterCode | X | 08 | M60 |
| MD850S | LegalFormISO20275 | X | 04 | M46 |
| MDV43 | FoundingDate | D | 08 | ./. |

### 6.4.2.3. Company affiliation acquiring legal entity

In delivery format **VFX**:

| "Corresponding" Variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MV870 | CompAffAcqLE | U | 00 | ./. |
| MV870A | CustNumbAcqCust | X | 38 | ./. |
| MV870B | NameAcquiringCust | X | 117 | ./. |
| MV870C | IssNumbAcqCust | N | 06 | ./. |

In delivery format **VF1**:

| Variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MV883 | CompAffilAcqLE | U | 00 | ./. |

| Variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MV883A | CustNumbAcqCust | X | 38 | ./. |
| MV883B | NameAcquirCust(1) | X | 39 | ./. |
| MV883C | NameAcquirCust(2) | X | 39 | ./. |
| MV883D | NameAcquirCust(3) | X | 39 | ./. |
| MV883E | IssNumbAcqCust | N | 06 | ./. |

### 6.4.2.4. Company affiliations funds

In delivery format **VFX**:

| "Corresponding" Variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MV871 | CompAffilFunds | U | 00 | ./. |
| MV871A | AffilTypeFund | X | 02 | M55 |
| MV871B | CustomerNumber | X | 38 | ./. |
| MV871C | NameFund | X | 312 | ./. |
| MV871D | IssuerNumber | N | 06 | ./. |

In delivery format **VF1**:

| Variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MV884 | CompAffilFund | U | 00 | ./. |
| MV884A | AffiliationType | X | 02 | M55 |
| MV884B | CustomerNumber | X | 38 | ./. |
| MV884C | Name (1) | X | 39 | ./. |
| MV884D | Name (2) | X | 39 | ./. |

| Variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MV884E | Name (3) | X | 39 | ./. |
| MV884F | Name (4) | X | 39 | ./. |
| MV884G | Name (5) | X | 39 | ./. |
| MV884H | Name (6) | X | 39 | ./. |
| MV884I | Name (7) | X | 39 | ./. |
| MV884J | Name (8) | x | 39 | ./. |
| MV884K | IssuerNumber | N | 06 | ./. |

## 6.4.2.5. Miscellaneous information

**Central securities depositories number:**

| Variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MV853 | CentrSecDepNos. | U | 0 | ./. |
| MV853A | CentralSecDepNo. | X | 4 | Z40 |

**Miscellaneous individual information:**

| Variable ID new | Variable name new | Format | Length | Table |
|---|---|---|---|---|
| MD852M | AlternativeName | X | 300 | ./. |
| MD852N | AlternativeName 1 | X | 300 | ./. |
| MD852P | AlternativeName 2 | X | 300 | ./. |
| MD850Z | LEI ManagingLOU | X | 04 | M64 |
| MD852W | IndSectClass2008 | X | 06 | M62 |
| MD852U | IndCustSystemsDB | X | 03 | M61 |
| MD852V | I-SecEuSyNA2010 | X | 05 | M63 |

# 7. Depiction of instrument ratings

## 7.1. Information/Fields that are omitted in Segment G

Overview of the fields that are deactivated on the financial instrument:

| Field | Field long description |
|---|---|
| GV462A-GV462L | Moody's Local Currency Corporate Family Issuer Rating |
| GV463A-GV463L | Moody's Foreign Currency Corporate Family Issuer Rating |
| GV464A-GV464L | Moody's Local Currency Financial Strength Issuer Rating |
| GV465A-GV465L | Moody's Foreign Currency Financial Strength Issuer Rating |
| GV466A-GV466L | Moody's Local Currency Long-Term Issuer Rating |
| GV467A-GV467L | Moody's Foreign Currency Long-Term Issuer Rating |
| GV468A-GV468L | Moody's Local Currency Short-Term Issuer Rating |
| GV469A-GV469L | Moody's Foreign Currency Short-Term Issuer Rating |
| GV474A-GV474L | Moody's Long-Term Foreign Currency Bank Deposit Issuer Rating |
| GV475A-GV475L | Moody's Short-Term Foreign Currency Bank Deposit Issuer Rating |
| GV476A-GV476L | Moody's Long-Term Local Currency Bank Deposit Issuer Rating |
| GV477A-GV477L | Moody's Short-Term Local Currency Bank Deposit Issuer Rating |
| GV478A-GV478K | Moody's Long-Term Rating und Short-Term Issuer Level Rating |
| GV479A-GV479M | Moody's Probability of Default Issuer Rating |
| GV415A-GV415P | Fitch Long-Term Issuer Ratings |

| Field | Field long description |
|---|---|
| GV416A-GV416L | Fitch Short-Term Issuer Ratings |
| GV417A-GV417T | Fitch Other Issuer Ratings |
| GD243i | Fitch Endorsement Compliance Issuer Rating |
| GD243J | Fitch Ratings Suffix Issuer Rating |
| GV830A-GV830F | Standard & Poor's Short-Term Foreign Currency Issuer Rating |
| GV831A-GV831F | Standard & Poor's Short-Term Local Currency  Issuer Rating |
| GV832A-GV832F | Standard & Poor's Long-Term Foreign Currency  Issuer Rating |
| GV833A-GV833F | Standard & Poor's Long-Term Local Currency  Issuer Rating |
| GV834A-GV834F | Standard & Poor's Short-Term Local Currency Financial Strength Issuer Rating |
| GV835A-GV835F | Standard & Poor's Long-Term Local Currency Financial Strength Issuer Rating |
| GD244G | Standard & Poor’s Foreign Currency Issuer Rating Regulatory Qualifier |
| GD244H | Standard & Poor's Foreign Currency Issuer Rating Endorsement Indicator |
| GD244i | Standard & Poor's Local Currency Issuer Rating Regulatory Qualifier |
| GD244J | Standard & Poor's Local Currency Issuer Rating Endorsement Indicator |
| GD244K | Standard & Poor's Financial Strength Issuer Rating Regulatory Qualifier |
| GD244L | Standard & Poor's Financial Strength Issuer Rating Endorsement Indicator |

Within a linkage, linkage fields will be frozen at the instrument level, i.e. there will be no data adjustments in these linkage fields and therefore no data updates delivered. The last delivered value will remain applicable for these linkage subfields and will no longer be updated.

All rating data that will continue to be delivered in the known rating fields can be found in the comparison of the new field structure with the known representation in the chapter Entirely new information/fields Segment G. Subfields that are not described there and/or in the following table, will be frozen

Overview of rating subfields that are frozen at the financial instrument and data updates that are no longer delivered:

| Field | Field long description |
|---|---|
| GV456A | Moody's Rating ID for the Long-Term Instrument Rating |
| GV456K | Moody's Withdrawal Reason for the Long-Term Instrument Rating |
| GV457A | Moody's Rating ID Short-Term for the Short-Term Instrument Rating |
| GV457K | Moody's Withdrawal Reason Short-Term for the Short-Term Instrument Rating |
| GV458A | Moody's Rating ID for the Loss Given Default Instrument Rating |
| GV458K | Moody's Withdrawal Reason for the Loss Given Default Instrument Rating |
| GV418E-GV418H | Fitch Unenhanced Long-Term Instrument Rating |
| GV418i-GV418L | Fitch Long-Term National Instrument Rating |
| GV418M-GV418P | Fitch Long-Term Local Currency Instrument Rating |
| GV418Q | Fitch Issue Recovery Instrument Rating |
| GV418R | Fitch Issue Distressed Recovery Instrument Rating |
| GV418S-GV418V | Fitch Issue Market Sensitivity Instrument Rating |
| GV419E-GV419H | Fitch Unenhanced Short-Term Instrument Rating |

| Field | Field long description |
|---|---|
| GV419i-GV419L | Fitch Short-Term National Instrument Rating |
| GV419M-GV419P | Fitch Short-Term Local Currency Instrument Rating |

The deactivation of the fields that will not be continued under EDDy_neu will be carried out at the end of the parallel phase.

## 7.2. Familiar depiction of the ratings in Segment G

It is possible to obtain some ratings at the financial instruments level via the known representation in Segment G or to use instead the new form indicated in the chapter “Entirely new or additional information/fields in Segment G”. The following overview shows all variables that continue to exist. In this context, pleased refer to the previous chapter with regard to the rating subfields, which are no longer updated.

| Variable ID | Variable Name | Further depiction => |
|---|---|---|
| GV456 - incl. the corresponding linkage fields GV456A to GV456K | Moodys LT-Rt.G. | Replacement via the existing instrument ratings in Segment G or new depiction (see “Entirely new or additional information/fields” in Segment G). |
| GV457 - incl. the corresponding linkage fields GV457A to GV457K | Moodys ST-Rt.G. | Replacement via the existing instrument ratings in Segment G or new depiction (see “Entirely new or additional information/fields” in Segment G). |
| GV458 - incl. the corresponding linkage fields GV458A to GV458K | Moodys LGD-Rat. | Replacement via the existing instrument ratings in Segment G or new depiction (see “Entirely new or additional information/fields” in Segment G). |
| GV466 - incl. the corresponding linkage fields GV466A to GV466L | Moodys LC LT R. | Replacement via the existing issuer ratings in Segment M or new depiction (see “Entirely new or additional information/fields” in Segment M). |
| GV467 - incl. the corresponding linkage fields GV467A to GV467L | Moodys FC LT R. | Replacement via the existing issuer ratings in Segment M or new depiction (see “Entirely |

| Variable ID | Variable Name | Further depiction => |
|---|---|---|
| | | new or additional information/fields" in Segment M). |
| GV468 - incl. the corresponding linkage fields GV468A to GV468L | Moodys LC ST R. | Replacement via the existing issuer ratings in Segment M or new depiction (see "Entirely new or additional information/fields" in Segment M). |
| GV469 - incl. the corresponding linkage fields GV469A to GV469L | Moodys FC ST R. | Replacement via the existing issuer ratings in Segment M or new depiction (see "Entirely new or additional information/fields" in Segment M). |
| GV415 - incl. the corresponding linkage fields GV415A to GV415D, GV415i to GV415L, GD243i, GD243J | FIT EM LT Rat. | Replacement via the existing issuer ratings in Segment M or new depiction (see "Entirely new or additional information/fields" in Segment M). |
| GV416 - incl. the corresponding linkage fields GV416A to GV416D, GV416i to GV416L, GD243i, GD243J | FIT EM ST Rat. | Replacement via the existing issuer ratings in Segment M or new depiction (see "Entirely new or additional information/fields" in Segment M). |
| GV418 - incl. the corresponding linkage fields GV418A to GV418V, GD243C, GD243D | FIT GAT LT Rat. | Replacement via the existing instrument ratings in Segment G or new depiction (see "Entirely new or additional information/fields" in Segment G). |
| GV419 - incl. the corresponding linkage fields GV419A to GV419P, GD243C, GD243D | FIT GAT ST Rat. | Replacement via the existing instrument ratings in Segment G or new depiction (see "Entirely new or additional information/fields" in Segment G). |
| GV828 - incl. the corresponding linkage fields GV828A to GV828F, GD244A, GD244B | S+P ST Gatt.-R. | Replacement via the existing instrument ratings in Segment G or new depiction (see "Entirely new or additional information/fields" in Segment G). |
| GV829 - incl. the corresponding linkage fields GV829A to GV829F, GD244A, GD244B | S+P LT Gatt.-R. | Replacement via the existing instrument ratings in Segment G or new depiction (see |

| Variable ID | Variable Name | Further depiction => |
|---|---|---|
| | | “Entirely new or additional information/fields” in Segment G). |
| GV830 - incl. the corresponding linkage fields GV830A to GV830F, GD244H | S+P ST FC Em.-R. | Replacement via the existing issuer ratings in Segment M or new depiction (see “Entirely new or additional information/fields” in Segment M). |
| GV831 - incl. the corresponding linkage fields GV831A to GV831F, GD244J | S+P ST LC Em.-R. | Replacement via the existing issuer ratings in Segment M or new depiction (see “Entirely new or additional information/fields” in Segment M). |
| GV832 - incl. the corresponding linkage fields GV832A to GV832F, GD244H | S+P LT FC Em.-R. | Replacement via the existing issuer ratings in Segment M or new depiction (see “Entirely new or additional information/fields” in Segment M). |
| GV833 - incl. the corresponding linkage fields GV833A to GV833F, GD244J | S+P LT LC Em.-R. | Replacement via the existing issuer ratings in Segment M or new depiction (see “Entirely new or additional information/fields” in Segment M). |

## 7.3. Entirely new information/fields in Segment G

In addition to the current representation of the instrument ratings, a representation without coding is added. This means that ratings are depicted 1:1 as they are delivedered by the arting agencies. Consequently, there is no need to convert the WM coding into the actual rating format. The new representation is for the ratings of the agencies Moody's, Fitch and S&P and is shown as a table in individual components. There is a separate line entry for each individual rating type. This representation results in a maximum of 2 or 3 entries per ISIN and per rating module of the individual rating agency, depending on the rating agency.

| Component | Variable ID | Variable name | | Note |
|---|---|---|---|---|
| | GV492 | MoodysRatIns | | |

| Component | Variable ID | Variable name | | Note |
|---|---|---|---|---|
| **Moody's Rating Instrument** | GV492A | RatingType | → | Possible values of the variable according to table M70:<br>LT – LONG-TERM<br>ST – SHORT-TERM<br>LGD – LOSS GIVEN DEFAULT |
| | GV492B | Rating | | Aaa, Baa1, etc. |
| | GV492C | RatingDate | | |
| | GV492D | Action | | |
| | GV492E | Watch | | |
| | GV492F | WatchDate | | |
| | GV492G | Outlook | | |
| | GV492H | OutlookDate | | |
| | GV492i | Endorsement | | |
| | GV492J | Indicator | | |
| **Fitch Rating Instrument** | GV493 | FitchRatIns | | |
| | GV493A | RatingType | → | Possible values of the variable according to table M71:<br>LT – LONG-TERM<br>ST – SHORT-TERM |

| Component | Variable ID | Variable name | | Note |
|---|---|---|---|---|
| | GV493B | Rating | | AAA, BBB, etc. |
| | GV493C | RatingDate | | |
| | GV493D | Action | | |
| | GV493E | Watch | | |
| | GV493F | Outlook | | |
| | GV493G | Endorsement | | |
| | GV493H | Indicator | | |
| **S&P Rating Instrument** | GV494 | S&PRatIns | | |
| | GV494A | RatingType | → | Possible values of the variable according to table M72:<br>LT LONG-TERM<br>ST SHORT-TERM |
| | GV494B | Rating | | AAA, BBB, etc. |
| | GV494C | RatingDate | | |
| | GV494D | Watch | | |
| | GV494E | WatchDate | | |
| | GV494F | Outlook | | |
| | GV494G | OutlookDate | | |
| | GV494H | Endorsement | | |

| Component | Variable ID | Variable name | | Note |
|---|---|---|---|---|
| | GV494i | Indicator | | |

Example for GV492:

| GV492 A | GV492 B | GV492C | GV492 D | GV492 E | GV492 F | GV492 G | GV492 H | GV49 2i | GV492 J |
|---|---|---|---|---|---|---|---|---|---|
| LT | Aaa | 12.01.2017 | NEW | | | | | | EU Rated |

By consolidating the individual rating types into one link/table per rating agency, the required number of fields is reduced. Below is an overview of how the current representation can be mapped to the new representation based on the rating types:

| Variable ID | Variable Name | Rating types | | Old field | Description old field |
|---|---|---|---|---|---|
| GV492 | MoodysRatIns | LT | ← | GV456B - GV456J | Moody's Long-Term Rating |
| | | ST | ← | GV457B - GV457J | Moody's Short-Term Rating |
| | | LGD | ← | GV458B - GV458J | Moody's Loss Given Default Rating |
| GV493 | FitchRatIns | LT | ← | GV418A - GV418D, GD243C+GD243D | Fitch Long-Term Rating |
| | | ST | ← | GV419A - GV419D, GD243C+GD243D | Fitch Short-Term Rating |

| Variable ID | Variable Name | Rating types | | Old field | Description old field |
|---|---|---|---|---|---|
| GV494 | S&PRatIns | LT | ← | GV829A - GV829F, GD244A+GD244B | Standard & Poor's Long-Term Rating |
| | | ST | ← | GV828A -GV828F, GD244A+GD244B | Standard & Poor's Short-Term Rating |

The following overview shows the mapping in detail:

| GV492 | MoodysRatIns | | | | |
|---|---|---|---|---|---|
| GV492A | RatingType | ← | LT | ST | LGD |
| GV492B | Rating | ← | GV456B | GV457B | GV458B |
| GV492C | RatingDate | ← | GV456C | GV457C | GV458C |
| GV492D | Action | ← | GV456D | GV457D | GV458D |
| GV492E | Watch | ← | GV456E | GV457E | GV458E |
| GV492F | WatchDate | ← | GV456F | GV457F | GV458F |
| GV492G | Outlook | ← | GV456G | GV457G | GV458G |
| GV492H | OutlookDate | ← | GV456H | GV457H | GV458H |
| GV492i | Endorsement | ← | GV456J | GV457J | GV458J |
| GV492J | Indicator | ← | GV456i | GV457i | GV458i |

| GV493 | FitchRatIns | | | |
|---|---|---|---|---|
| GV493A | RatingType | ← | LT | ST |

| | | | | |
|---|---|---|---|---|
| GV493B | Rating | ← | GV418A | GV419A |
| GV493C | RatingDate | ← | GV418C | GV419C |
| GV493D | Action | ← | GV418B | GV419B |
| GV493E | Watch | ← | GV418D | GV419D |
| GV493F | Outlook | ← | GV418D | GV419D |
| GV493G | Endorsement | ← | GD243C | GD243C |
| GV493H | Indicator | ← | GD243D | GD243D |

| **GV494** | **S&PRatIns** | | | |
|---|---|---|---|---|
| GV494A | RatingType | ← | LT | ST |
| GV494B | Rating | ← | GV829A | GV828A |
| GV494C | RatingDate | ← | GV829B | GV828B |
| GV494D | Watch | ← | GV829C | GV828C |
| GV494E | WatchDate | ← | GV829D | GV828D |
| GV494F | Outlook | ← | GV829E | GV828E |
| GV494G | OutlookDate | ← | GV829F | GV828F |
| GV494H | Endorsement | ← | GD244B | GD244B |
| GV494i | Indicator | ← | GD244A | GD244A |

# 8. Text fields in T format / Supplementary text fields

In the following, you find a detailed description of the future usage of text fields. There are currently texts in various field types in the WM database:

1. Texts behind fields in ‘T‘ or ‘V‘ format
2. Supplementary texts behind structured fields

Please see below for a detailed description.

## 8.1. Texts behind fields in ‘T‘ or ‘V‘ format

In the existing database, these texts fields serve to record longer continuous text or the textual representation of individual situations. There are no structured fields in the existing system for these continuous texts or they have proved to be too complex for the creation of such fields. These texts may be complete, which are mostly delivered by WM as part of a corporate action. These include offer texts, technical guidelines, information from insolvency notifications, custody account customer information, etc.

In addition, texts excerpts are saved that repeat or separately represent certain information from the offer texts, etc. Moreover, addresses for e.g. reference or redemption agents are currently saved in ’T‘ formatted fields.

Additional supplementary information is also saved in text form in the fields or information from several existing structured fields is depicted in summarised form.

The following fields in ‘T‘ and ‘V‘ format currently exist in the live database:

| Segment | Field ID | Field name |
|---|---|---|
| B | BD993 | MAIN ISSUING AGENTS |
| B | BD994 | ISSUING AGENTS |
| B | BD998 | GENERAL TEXT |
| E | ED340D | GENERAL TEXT SRD II |
| E | ED998 | GENERAL TEXT |
| E | ED993 | MAIN PAYING AGENT |
| E | ED994 | PAYING AGENTS |
| G | GD470 | DENOMINATION OF PRINTED CERTIFICATES |
| G | GD471 | DENOMINATION OF PRINTED CERTIFICATES, NON-STOCK EXCHANGE DELIVERABLE |

| Segment | Field ID | Field name |
|---|---|---|
| G | GD472 | TRANSFERABLE UNITS OF BOOK-ENTRY SECURITIES STOCK EXCHANGE DELIVERABLE |
| G | GD473 | TRANSFERABLE UNITS OF BOOK-ENTRY SECURITIES, NOT DELIVERABLE VIA THE STOCK EXCHANGE |
| G | GD982* | CONVERSION OR OPTION TERMS |
| G | GD984 | JURISDICTION |
| G | GD985 | PLACE OF PERFORMANCE |
| G | GD986 | GOVERNING LAW(S) |
| G | GD988 | COLLATERALISATION OF FIXED-INCOME SECURITIES |
| G | GD996 | PRESENTATION TERMS |
| G | GD997 | GENERAL TEXT - MATURITY DATA |
| G | GD998 | MASTER DATA GENERAL TEXT |
| H | HD120D | INFORMATION AGENT ADDRESS |
| H | HD120H | REIMBURSEMENT AGENT ADDRESS |
| H | HD142 | TEXT FIELD RE. COUNTER MOTIONS, IN GERMAN |
| H | HD145 | SHAREHOLDER MEETING AGENDA, IN GERMAN |
| H | HD192 | INFORMATION AGENT FOR GENERAL MEETING DOCUMENTATION |
| H | HD310N | GENERAL TEXT SRD II |
| H | HD310Q | SRD II BILLING ADDRESSS |
| H | HD994 | REGISTRATION OR DEPOSITORY AGENTS |
| H | HD998 | GENERAL TEXT |
| K | KD116 | CLEARSTREAM/DEPOSITORY SETTLEMENT |
| K | KD120D | STREET + NUMBER OF THE (CENTRAL) SUBSCRIPTION AGENT |
| K | KD120E | POSTCODE + CITY OF THE (CENTRAL) SUBSCRIPTION AGENT |
| K | KD120F | LINK TO THE OFFER |
| K | KD120G | NAME OF (CENTRAL) SUBSCRIPTION AGENT |
| K | KD120H | CONTACT PERSON OF (CENTRAL) SUBSCRIPTION AGENT |
| K | KD120I | DEPARTMENT AT THE (CENTRAL) SUBSCRIPTION AGENT |

| Segment | Field ID | Field name |
|---|---|---|
| K | KD120J | RECIPIENT OF THE SUBSCRIPTION PAYMENT |
| K | KD120L | RESTRICTION DETAILS |
| K | KD310N | GENERAL TEXT SRD II |
| K | KD990C | SUBSCRIPTION PRICE PAYMENT FINANCIAL INSTITUTION |
| K | KD990D | SUBSCRIPTION PRICE PAYMENT FINANCIAL INSTITUTION DOMICILE |
| K | KD993 | MAIN SUBSCRIPTION AGENTS |
| K | KD994 | SUBSCRIPTION AGENTS |
| K | KD998 | GENERAL TEXT |
| M | MTSUWO | PSEUDO FIELD IDENTIFIER FOR ISSUER SEARCH CRITERIA |
| U | UD116 | CLEARSTREAM/DEPOSITORY SETTLEMENT |
| U | UD120F | LINK TO THE OFFER |
| U | UD120L | RESTRICTION DETAILS |
| U | UD193 | DURABLE MEDIUM URL |
| U | UD193A | DURABLE MEDIUM BILLING ADDRESS |
| U | UD310H | GENERAL TEXT SRD II |
| U | UD993 | MAIN CONVERSION AGENT |
| U | UD994 | CONVERSION AGENTS |
| U | UD998 | GENERAL TEXT |
| V | VD031A | PSEUDO FIELD IDENTIFIER (VF) RE. RESIDUAL SECURITIES |
| V | VD032A | PSEUDO FIELD IDENTIFIER (VF) RE. DRAWN OR CALLED SERIES, GROUPS, FINAL DIGITS (VF) |
| V | VD993 | MAIN PAYING AGENT |
| V | VD994 | PAYING AGENTS |
| V | VD996 | CERTIFICATE NUMBERS |
| V | VD998 | GENERAL TEXT |
| Z | ZD103F | NOTE |

The target for the representation under EDDy_neu is therefore to transfer as much as possible of the partially unstructured depicted information into new, structured variables. However, as this does not make sense or lead to the desired results in all cases, the adjustments can be divided into 3 groups:

## 8.2. Creation of new, structured variables

Either all or the most frequently occurring contents of the respective field are adopted and the old fields listed in the table below will no longer be provided in EDDy_neu by creating one or more new variables, partly by the creation of new, underlying tables or by the use of already existing tables. The following 'old fields' are affected:

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| UD994, UD120F, (UD120C)[1] | UV221 | AGENT | U | 0 | Div. |
| | UV221A | AGENT CONSECUTIVE NO | N | 2 | / |
| | UV221B | AGENT TYPE | X | 2 | UB8 |
| | UV221D | AGENT NAME | X | 117 | / |
| | UV221E | AGENT STREET | X | Old: 78<br>New: 70 | / |
| | UV221F | AGENT HOUSE NO. | X | Old: 39<br>New: 16 | / |
| | UV221G | AGENT ADDRESS AFFIX | X | 39 | / |
| | UV221H | AGENT POST CODE | X | Old: 39<br>New: 16 | / |
| | UV221I | AGENT TOWN CITY | X | Old: 78<br>New: 35 | / |
| | UV221J | AGENT EMAIL ADDRESS | X | 78 | / |
| | UV221K | AGENT WEBSITE | X | 3,950 | / |
| | UV221L | AGENT CONTACT | X | 39 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | UV221M | AGENT DEPARTMENT | X | 78 | / |
| | UV221N | AGENT SUBJECT | X | 78 | / |
| | UV221O | AGENT ADDITION | X | 117 | / |
| | UV221P | AGENT CANCELLATION ID | X | 1 | GG2 |
| UD994, UD120F, (UD120C)[1]<br><br>VF1 only | UV256 | AGENTS | U | 00 | Div. |
| | UV256A | AGENT - SEQUENTIAL NUMBER | N | 02 | / |
| | UV256B | AGENT - TYPE AGENT | X | 02 | UB8 |
| | UV256C | AGENT - NAME (1) | X | 39 | / |
| | UV256D | AGENT - NAME (2) | X | 39 | / |
| | UV256E | AGENT - NAME (3) | X | 39 | / |
| | UV256F | AGENT - STREET (1) | X | 39 | / |
| | UV256G | AGENT - STREET (2) | X | Old: 39<br><br>New: 31 | / |
| | UV256H | AGENT - HOUSE NUMBER | X | Old: 39<br><br>New: 16 | / |
| | UV256I | AGENT - ADDRESS ADDITION | X | 39 | / |
| | UV256J | AGENT - POSTAL CODE | X | Old: 20<br><br>New: 16 | / |
| | UV256K | AGENT - TOWN/CITY (1) | X | Old: 39<br><br>New: 35 | / |
| | ~~UV256L~~ | ~~AGENT - TOWN/CITY (2)~~ | ~~X~~ | ~~39~~ | ~~/~~ |
| | UV256M | AGENT - E MAIL ADRESS (1) | X | 39 | / |
| | UV256N | AGENT - E MAIL ADRESS (2) | X | 39 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | UV256O | AGENT - WEBSITE/OFFER TEXT (if this subfield is populated, the link can be found in field UD087F) | X | 39 | / |
| | UV256P | AGENT - CONTACT | X | 39 | / |
| | UV256Q | AGENT - DEPARTMENT (1) | X | 39 | / |
| | UV256R | AGENT - DEPARTMENT (2) | X | 39 | / |
| | UV256S | AGENT - SUBJECT (1) | X | 39 | / |
| | UV256T | AGENT - SUBJECT (2) | X | 39 | / |
| | UV256U | AGENT - ADDITION (1) | X | 39 | / |
| | UV256V | AGENT - ADDITION (2) | X | 39 | / |
| | UV256W | AGENT - ADDITION (3) | X | 39 | / |
| | UV256X | AGENT - CANCELLATION ID | X | 01 | GG2 |
| | UD087F | AGENT HOMPAGE | X | 300 | |
| UD120L | UV214 | RESTRICTION COUNTRY | U | 0 | Div. |
| | UV214A | COUNTRY | X | 2 | L02 |
| | UV214B | COUNTRY CANCELLATION ID | X | 1 | GG2 |
| | UV216 | SELLING RESTRICTIONS | U | 0 | Div. |
| | UV216A | RESTRICTION | X | 2 | UA9 |
| | UV216B | RESTRICTION CANCELLATION ID | X | 1 | GG2 |
| UD193 | UD193D | URL DURABLE MEDIUM | X | 300 | / |
| KD990C | KD990F | FINANCIAL INSTITUTION SUBSCRIPTION PRICE PAYMENT NAME | X | 100 | / |
| KD990D | KD990G | FINANCIAL INSTITUTION SUBSCRIPTION PRICE PAYMENT DOMICILE | X | 100 | / |
| KD120J | KD990H | RECIPIENT SUBSCRITION PRICE PAYMENT | X | 100 | / |
| | KD990J | RECIPIENT SUBSCRITION PRICE PAYMENT PURPOSE | X | 100 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| KD994, KD120C, KD120F[2] | KV086 | SUBSCRIPTION AGENTS | U | 0 | Div. |
| | KV086A | SUBSCRIPTION AGENT CONSECUTIVE NUMBER | N | 2 | / |
| | KV086C | SUBSCRITION AGENT NAME | X | 117 | / |
| | KV086D | SUBSCRITION AGENT STREET | X | Old: 78<br>New: 70 | / |
| | KV086E | SUBSCRITION AGENT HOUSE NUMBER | X | Old: 39<br>New: 16 | / |
| | KV086F | SUBSCRITION AGENT ADDRESS AFFIX | X | 39 | / |
| | KV086G | SUBSCRITION AGENT POST CODE | X | Old: 39<br>New: 16 | / |
| | KV086H | SUBSCRITION AGENT TOWN CITY | X | Old: 78<br>New: 35 | / |
| | KV086I | SUBSCRITION AGENT EMAIL ADDRESS | X | 78 | / |
| | KV086J | SUBSCRITION AGENT WEBSITE | X | 3,950 | / |
| | KV086K | SUBSCRITION AGENT CONTACT | X | 39 | / |
| | KV086L | SUBSCRITION AGENT DEPARTMENT | X | 78 | / |
| | KV086M | SUBSCRITION AGENT SUBJECT | X | 78 | / |
| | KV086N | SUBSCRITION AGENT ADJUSTMENT | X | 117 | / |
| | KV086O | SUBSCRITION AGENT CANCELLATION ID | X | 01 | GG2 |
| KD994, KD120C, | KV089 | SUBSCRIPTION AGENTS | U | 00 | Div. |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| KD120F[2]<br><br>VF1 only | KV089A | SUBSCRIPTION AGENT - SEQUENTIAL NUMBER | N | 02 | / |
| | KV089B | SUBSCRIPTION AGENT - NAME (1) | X | 39 | / |
| | KV089C | SUBSCRIPTION AGENT - NAME (2) | X | 39 | / |
| | KV089D | SUBSCRIPTION AGENT - NAME (3) | X | 39 | / |
| | KV089E | SUBSCRIPTION AGENT - STREET (1) | X | 39 | / |
| | KV089F | SUBSCRIPTION AGENT - STREET (2) | X | Old: 39<br><br>New: 31 | / |
| | KV089G | SUBSCRIPTION AGENT - HOUSE NUMBER | X | Old: 39<br><br>New: 16 | / |
| | KV089H | SUBSCRIPTION AGENT - ADDITIONAL ADDRESS INFORMATION | X | 39 | / |
| | KV089I | SUBSCRIPTION AGENT - POSTAL CODE | X | Old: 39<br><br>New: 16 | / |
| | KV089J | SUBSCRIPTION AGENT - TOWN/CITY (1) | X | Old: 39<br><br>New: 35 | / |
| | ~~KV089K~~ | ~~SUBSCRIPTION AGENT - TOWN/CITY (2)~~ | ~~X~~ | ~~39~~ | ~~/~~ |
| | KV089L | SUBSCRIPTION AGENT - E-MAIL-ADRESS (1) | X | 39 | / |
| | KV089M | SUBSCRIPTION AGENT - E-MAIL-ADRESS (2) | X | 39 | / |
| | KV089N | SUBSCRIPTION AGENT - HOMEPAGE/OFFER TEXT<br>(if this subfield is populated, the link can be found in field KD131B) | X | 39 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | KV089O | SUBSCRIPTION AGENT - CONTACT | X | 39 | / |
| | KV089P | SUBSCRIPTION AGENT - DEPARTMENT (1) | X | 39 | / |
| | KV089Q | SUBSCRIPTION AGENT - DEPARTMENT (2) | X | 39 | / |
| | KV089R | SUBSCRIPTION AGENT - SUBJECT (1) | X | 39 | / |
| | KV089S | SUBSCRIPTION AGENT - SUBJECT (2) | X | 39 | / |
| | KV089T | SUBSCRIPTION AGENT - ADDITION (1) | X | 39 | / |
| | KV089U | SUBSCRIPTION AGENT - ADDITION (2) | X | 39 | / |
| | KV089V | SUBSCRIPTION AGENT - ADDITION (3) | X | 39 | / |
| | KV089W | SUBSCRIPTION AGENT - CANCELLATION ID | X | 01 | GG2 |
| | KD131B | SUBSCRIPTION AGENT HOMEPAGE | X | 300 | / |
| KD120L | KV132 | DETAILS RESTRICTIONS | U | 0 | Div. |
| | KV132A | RESTRICTION | X | 2 | UA9 |
| | KV132B | RESTRICTION CANCELLATION ID | X | 1 | GG2 |
| HD120D, HD120C | HD121A | INFORMATION AGENT NAME | X | 500 | / |
| | HD121B | INFORMATION AGENT DEPARTMENT | X | 100 | / |
| | HD121C | INFORMATION AGENT CONTACT | X | 100 | / |
| | HD121D | INFORMATION AGENT STREET | X | Old: 100<br><br>New: 70 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | HD121E | INFORMATION AGENT HOUSE NO | X | Old: 100<br><br>New: 16 | / |
| | HD121F | INFORMATION AGENT POST CODE | X | Old: 100<br><br>New: 16 | / |
| | HD121G | INFORMATION AGENT TOWN CITY | X | Old: 100<br><br>New: 35 | / |
| | HD121H | INFORMATION AGENT EMAIL ADDRESS | X | 100 | / |
| | HD121I | INFORMATION AGENT ADDITION | X | 500 | / |
| HD120H, HD120G | HD122A | REIMBURSEMENT AGENT NAME | X | 500 | / |
| | HD122B | REIMBURSEMENT AGENT DEPARTMENT | X | 100 | / |
| | HD122C | REIMBURSEMENT AGENT CONTACT | X | 100 | / |
| | HD122D | REIMBURSEMENT AGENT STREET | X | Old: 100<br><br>New: 70 | / |
| | HD122E | REIMBURSEMENT AGENT NOUSE NO | X | Old: 100<br><br>New: 16 | / |
| | HD122F | REIMBURSEMENT AGENT POST CODE | X | Old: 100 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | | | | New: 16 | |
| | HD122G | REIMBURSEMENT AGENT TOWN CITY | X | Old: 100<br>New: 35 | / |
| | HD122H | REIMBURSEMENT AGENT EMAIL ADDRESS | X | 100 | / |
| | HD122I | REIMBURSEMENT AGENT SUBJECT | X | 100 | / |
| | HD122J | REIMBURSEMENT AGENT ADJUSTMENT | X | 500 | / |
| HD142 | HD142A | COUNTER MOTIONS AGENDA ITEMS LINK | X | 300 | / |
| HD192 | HD142C | GENERAL MEETING DOCUMENTS LINK | X | 300 | / |
| HD994, HD120K[3] | HV215 | DEPOSIT REGISTRATION AGENT | U | 0 | Div |
| | HV215A | CONSECUTIVE NUMBER | N | 2 | / |
| | HV215B | NAME | X | 117 | / |
| | HV215C | DEPARTMENT | X | 78 | / |
| | HV215D | CONTACT | X | 39 | / |
| | HV215E | STREET | X | Old: 78<br>New: 70 | / |
| | HV215F | HOUSE NO | X | Old: 39<br>New: 16 | / |
| | HV215G | ADDRESS AFFIX | X | 39 | / |
| | HV215H | POST CODE | X | Old: 39 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | | | | New: 16 | |
| | HV215I | TOWN/CITY | X | Old: 78<br>New: 35 | / |
| | HV215J | EMAIL | X | 78 | / |
| | HV215K | ADDITION | X | 117 | / |
| | HV215L | CANCELLATION ID | X | 01 | GG2 |
| HD994, HD120K[3]<br>VF1 only | HV216 | DEPOSITARY/REGISTRATION AGENTS | U | 00 | Div |
| | HV216A | SEQUENTIAL NUMBER | N | 02 | / |
| | HV216B | Name (1) | X | 39 | / |
| | HV216C | Name (2) | X | 39 | / |
| | HV216D | Name (3) | X | 39 | / |
| | HV216E | DEPARTMENT (1) | X | 39 | / |
| | HV216F | DEPARTMENT (2) | X | 39 | / |
| | HV216G | CONTACT | X | 39 | / |
| | HV216H | STREET (1) | X | 39 | / |
| | HV216I | STREET (2) | X | Old: 39<br>New: 31 | / |
| | HV216J | HOUSE NUMBER | X | Old: 39<br>New: 16 | / |
| | HV216K | ADDRESS ADDITION | X | 39 | / |
| | HV216L | POSTAL CODE | X | Old: 39<br>New: 16 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | HV216M | TOWN/CITY (1) | X | Old: 39<br>New: 35 | / |
| | ~~HV216N~~ | ~~TOWN/CITY (2)~~ | ~~X~~ | ~~39~~ | ~~/~~ |
| | HV216O | E-MAIL-ADDRESS (1) | X | 39 | / |
| | HV216P | E-MAIL-ADDRESS (2) | X | 39 | / |
| | HV216Q | ADDITION (1) | X | 39 | / |
| | HV216R | ADDITION (2) | X | 39 | / |
| | HV216S | ADDITION (3) | X | 39 | / |
| | HV216T | CANCELLATION IDENTIFIER | X | 01 | GG2 |
| ED994[4] | EV466 | PAYING AGENTS | U | 00 | Div. |
| | EV466A | CONSECUTIVE NUMBER | N | 02 | / |
| | EV466B | NAME | X | 117 | / |
| | EV466C | DEPARTMENT | X | 78 | / |
| | EV466D | CONTACT | X | 39 | / |
| | EV466E | STREET | X | Old: 78<br>New: 70 | / |
| | EV466F | HOUSE NO | X | Old: 39<br>New: 16 | / |
| | EV466G | ADDRESS AFFIX | X | 39 | / |
| | EV466H | POST CODE | X | Old: 39<br>New: 16 | / |
| | EV466J | TOWN/CITY | X | Old: 78 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | | | | New: 35 | |
| | EV466K | COUNTRY | X | Old: 39<br><br>New: 02 | Old: /<br><br>New: L02 |
| | EV466L | EMAIL ADDRESS | X | 78 | / |
| | EV466M | SUBJECT | X | 78 | / |
| | EV466N | ADDITION | X | 117 | / |
| | Old EV4660 New: EV466O | CANCELLATION ID | X | 01 | GG2 |
| ED994[4]<br><br>VF1 only | EV467 | PAYING AGENT INCOME | U | 00 | Div. |
| | EV467A | SEQUENTIAL NUMBER | N | 02 | / |
| | EV467B | Name (1) | X | 39 | / |
| | EV467C | Name (2) | X | 39 | / |
| | EV467D | Name (3) | X | 39 | / |
| | EV467E | DEPARTMENT (1) | X | 39 | / |
| | EV467F | DEPARTMENT (2) | X | 39 | / |
| | EV467G | CONTACT | X | 39 | / |
| | EV467H | STREET (1) | X | 39 | / |
| | EV467I | STREET (2) | X | Old: 39<br><br>New: 31 | / |
| | EV467J | HOUSE NUMBER | X | Old: 39<br><br>New: 16 | / |
| | EV467K | ADDRESS ADDITION | X | 39 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | EV467L | POSTAL CODE | X | Old: 39<br><br>New: 16 | / |
| | EV467M | TOWN/CITY (1) | X | Old: 39<br><br>New: 35 | / |
| | ~~EV467N~~ | ~~TOWN/CITY (2)~~ | ~~X~~ | ~~39~~ | ~~/~~ |
| | EV467O | COUNTRY | X | Old: 39<br><br>New: 02 | Old: /<br><br>New: L02 |
| | EV467P | E-MAIL-ADRESS (1) | X | 39 | / |
| | EV467Q | E-MAIL-ADRESS (2) | X | 39 | / |
| | EV467R | SUBJECT (1) | X | 39 | / |
| | Old: WV467S New: EV467S | SUBJECT (2) | X | 39 | / |
| | EV467T | ADDITION (1) | X | 39 | / |
| | EV467U | ADDITION (2) | X | 39 | / |
| | EV467V | ADDITION (3) | X | 39 | / |
| | EV467W | CANCELLATION IDENTIFIER | X | 01 | GG2 |
| GD982 - for convertible bonds* | UV253 | PERIODIC CONVERSION RIGHT | U | 0 | Div. |
| | UV253A | CONSECUTIVE NO | N | 3 | / |
| | UV253B | KIND OF PERIODICITY | X | 1 | FM2 |
| | UV253C | INTERVAL PERIODIC | N | 2 | / |
| | UV253D | INTERVAL PERIODIC PERIOD | X | 1 | UC5 |
| | UV253E | MONTH PERIODIC | X | 2 | FK9 |
| | UV253F | YEAR PERIODIC | N | 4 | / |

| Field ID Old | Variable ID New | Variable name New | Format | Length | Table |
|---|---|---|---|---|---|
| | UV253G | DAY PERIODIC | X | 2 | UC6 |
| | UV253H | OPERATOR CONVERTIBLE RIGHT | X | 1 | FL7 |
| | UV253I | CONVERTIBLE RIGHT YEAR | N | 2 | / |
| | UV253J | CONVERTIBLE RIGHT MONTH | N | Old: 02<br><br>New: 03 | / |
| | UV253K | CONVERTIBLE RIGHT DAY | N | Old: 03<br><br>New: 04 | / |
| | UV253L | CONVERTIBLE RIGHT DAY TYPE | X | 1 | UC7 |
| | UV253M | CANCELLATION ID | X | 1 | GG2 |

[1] In the context of future deliveries, a distinction is made between VF1 and VFX (EDDy_neu data feeds) with regard to some table variables. Accordingly, the table variable UV256 is for deliveries in VF1 format and UV221 for deliveries in VFX format.

[2] In the context of future deliveries, a distinction is made between VF1 and VFX (EDDy_neu data feeds) with regard to some table variables. Accordingly, the table variable KV089 is for deliveries in VF1 format and KV086 for deliveries in VFX format

[3] In the context of future deliveries, a distinction is made between VF1 and VFX (EDDy_neu data feeds) with regard to some table variables. Accordingly, the table variable HV216 is for deliveries in VF1 format and HV215 for deliveries in VFX format.

[4] In the context of future deliveries, a distinction is made between VF1 and VFX (EDDy_neu data feeds) with regard to some table variables. Accordingly, the table variable EV467 is for deliveries in VF1 format and EV466 for deliveries in VFX format.

*Information for convertible bonds that has so far been saved in GD982 have for the most part ben depicted in a notification in segment U. The variable set UV253 supplements the notification by data on the periodicity of the conversion right. Consequently, all relevant information that was formerly available in GD982 is now available in the notification on the ‘convertible right’. Therefore, GD982 will no longer be needed in the future. As all relevant information on the conversion right will be represented in the business transaction 'Conversion right' in the future, the populating of GV688 for conversion rights will no longer be necessary and therefore omitted.

Regarding the depiction of thresholds and repayments for warrants, certificates, reverse convertible bonds and bonds with a certificate-like structure, partly also depicted in GD982, a

separate variable set in the master data was already included in the database with the last Release. There will also be a separate Special Information issue in this regard. (Chapter 5)

The fields 'General Text' are a special cases (ED998, HD998, KD998, UD998, VD998).

Currently, various kinds of unstructured information is recorded in these fields.

For example, a new variable was created for the information until when an exchange alternative can be selected. This information was previously depicted in UD998:

| Field ID Old | Variable ID New | Variable Name New | Format | Length | Table |
|---|---|---|---|---|---|
| UD998 | UD087D | EXCHANGE ALTERNATIVE ELIGIBLE TILL | D | 08 | / |

Furthermore, the entire (continuous) texts will be depicted as well. In the future, these long texts will be published via the WM Hub in PDF format and linked to the corresponding corporate action. The link always refers specifically to the respective measure and therefore only contains documents that can be directly assigned to the measure.This applies to matters that are SRD II relevant as well as other measures for which such texts are currently delivered. The maximum length of the URL will comprise 38 characters and will refer to the WM Hub. At the end of the link or after the slash, a 16-character UUID (Universally Unique Identifier) will be inserted, which references to the respective PDF. The following is an example (without function) of how such a link might look in the future:

https://wm-srd-hub.eu/aslfh7weqr213hex.

These documents will be accessible via the WM Hub without separate registration. Accordingly, it is not necessary for customers to register at the WM Hub to use this special service.

| Field ID Old | Variable ID New | Variable Name New | Format | Length | Table |
|---|---|---|---|---|---|
| UD998 | UD087E | LINK DOCUMENTS WM HUB | X | **Old: 300**<br><br>**New: 38** | / |
| KD998 | KD131A | LINK DOCUMENTS WM HUB | X | **Old: 300**<br><br>**New: 38** | / |

| Field ID Old | Variable ID New | Variable Name New | Format | Length | Table |
|---|---|---|---|---|---|
| ED998 | ED087D | LINK DOCUMENTS WM HUB | X | **Old: 300**<br><br>**New: 38** | / |
| HD998 HD998 (+ HD145) | HD142B | LINK DOCUMENTS WM HUB | X | **Old: 300**<br><br>**New: 38** | / |

However, these two alternatives do not fully cover all the information that is currently recorded in the 998 fields.

Therefore, thefour 'General text' fields mentioned above as well as GD998 (General text – Master data) and VD998 (General text)remain in EDDy_neu as it cannot be ruled out that for certain situations it might be necessary to provide additional information.

HD145 currently contains long continuous texts. These, just like the long continuous texts from HD998, will be retrievable in the future via the WM Hub via HD142B (link documents WM Hub). Field HD145 itself will not be part of EDDy_neu.

The following text reproduces the content of the previously published document D40 from the EIC:

As a result of the pre-production phase and our intensive discussions with customers, WM Datenservice has decided to add an extension to "Text fields in T format/Supplementary text fields". It is a purely optional representation.

In addition to the structured variables and the PDF documents that can be retrieved via URL, WM Datenservicewill also provide a summary of the information contained in the documents via variables. The summarized information will be displayed in the following fields:

| Field-ID | Variable ID | Name | Component | Length | Format |
|---|---|---|---|---|---|
| **ED650** | SupplementalInfo | Supplemental information | Text income | 3950 characters | T |
| **HD650** | SupplementalInfo | Supplemental information | Text general meetings | 3950 characters | T |
| **KD650** | SupplementalInfo | Supplemental information | Text corporate actions | 3950 characters | T |

| | | | | | |
|---|---|---|---|---|---|
| **UD650** | SupplementalInfo | Supplemental information | Text conversions/ exchanges | 3950 characters | T |

The variables will be made available with the Major Release in June 2022 for EDDy_neu and filled accordingly for test purposes during the customer test phase.

## 8.3. Deleted old fields

In addition to the fields described in item 8.2 that have been restructured into variables, a large number of old fields are no longer required. Either there are already structured counterparts for these fields or they are currently not or will no longer be used. This is due, among other things, to changing market requirements or changes in the WM database, which make some fields obsolete.

Consequently, neither of the following fields with T or V format will be available in EDDy_neu:

| Field ID Old | Reason |
|---|---|
| BD993 | Is no longer required in the segment for EDDy_neu– Redundancy GV995 |
| BD994 | Is no longer required in the segment for EDDy_neu |
| BD998 | Is no longer required in the segment for EDDy_neu |
| UD993 | Obsolete – redundancy to contents of GV995 |
| KD993 | Obsolete – redundancy to contents of GV995 |
| KD120D | Obsolete – redundancy to the old field KD994 and/or the new table variable KV086 |
| KD120E | |
| KD120G | |
| KD120H | |
| KD120I | |
| ~~HD192~~ | ~~Documents will be available in the WM Hub in the future. Together with the long continuous texts previously stored in HD998, this field will therefore merge into the new variable HD142B.~~ |
| ED993 | Obsolete – redundancy to contents of GV995 |
| VD996 | No longer used – the last time the field was populated in 2015 |
| VD993 | Obsolete – redundancy to contents of GV995 |

| Field ID Old | Reason |
|---|---|
| VD994 | Obsolete – redundancy to contents of GV995 |
| VD031A | Not used – has never been populated |
| VD032A | Not used – has never been populated |
| GD988 | Not used |
| GD996 | Not used |
| GD997 | No longer needed – information on e.g. name changes, mergers, change of debtor already depicted in other fields (e.g. GD250) |
| MTSUWO | No longer required |
| ZD103F | Part of the product 'AT funds tax data' – No more deliveries - product & and thus the field will be ceased |

## 8.4. Text fields that remain

There are also variables in EDDy_neu which have a textual content. "Textual content" in this case does not necessarily mean a longer running text, but rather the unstructured presentation of the content in textual form. Accordingly, it may also be a shorter string of characters. This includes variables whose content is generated hard-coded (i.e. composed of other, already existing information) or is already delivered to WM in the required form on the source side (these can thus be written directly into the fields concerned in the form of a text block).

There are also a few fields in T format which will remain because of their complexity due to technical or content related field population.

| Field ID Old | Field name Old |
|---|---|
| UD116 | CLEARSTREAM/DEPOSITORY SETTLEMENT |
| KD116 | CLEARSTREAM/DEPOSITORY SETTLEMENT |
| HD310Q | BILLING ADDRESS |
| UD310H | GENERAL TEXT SRD II |
| KD310N | GENERAL TEXT SRD II |
| HD310N | GENERAL TEXT SRD II |
| ED340D | GENERAL TEXT SRD II |

| Field ID Old | Field name Old |
|---|---|
| UD193A | DURABLE MEDIUM BILLING ADDRESS |
| GD470 | DENOMINATION OF PRINTED CERTIFICATES |
| GD471 | DENOMINATION OF PRINTED CERTIFICATES, NON-STOCK EXCHANGE DELIVERABLE |
| GD472 | TRANSFERABLE UNITS OF BOOK-ENTRY SECURITIES, STOCK EXCHANGE DELIVERABLE |
| GD473 | TRANSFERABLE UNITS OF BOOK-ENTRY SECURITIES, NOT DELIVERABLE VIA THE STOCK EXCHANGE: |
| GD984 | JURISDICTION |
| GD985 | PLACE OF PERFORMANCE |
| GD986 | GOVERNING LAW(S) |
| ED998* | GENERAL TEXT |
| GD998* | GENERAL TEXT – MASTER DATA |
| HD998* | GENERAL TEXT |
| KD998* | GENERAL TEXT |
| UD998* | GENERAL TEXT |
| VD998* | GENERAL TEXT |

*as already described in item 8.2, the 998s fields will remain in EDDy_neu and will continue to be used to record information in textual form (excluding the aforementioned long continuous texts). Provided that no structured variables are available for the corresponding information. However, the aim is to present as little information as possible in unstructured form in the future.

## 8.5. Supplementary texts behind structured fields

In addition to the textual information in fields with T or V format information, information is provided and delivered textually in many cases as a supplement to actually structured fields, which explain the structured value in more detail to transport additional information about the topic of the field. Furthermore, values are provided there if the format of the field itself does not provide sufficient space. Due to technical reasons, additional information on a field can no longer be saved in EDDY_neu in the previously used manner, for which the respective variables

are not intended. For example, in the future, information on consent or premium payments can no longer be saved in and/or on UD008A.

This means that the previous 'additional information' will be depicted in a structured way with the help of new variables in the future or can be omitted.

The decisive factor for the inclusion of the information as new variable(s) was that it represents an enrichment and that it continues to be frequently recurring statements. This enrichment is, for example, a more in-depth explanation of a measure and/or subject or the deepening of a topic through supplementary variables to an existing set of topics and/or variables.

Furthermore, those variables for which the field length was not (or no longer) sufficient and which were therefore set up again with identical content but with a larger character set.

Please note that the ‚old fields' described in the second column from the right do NOT necessarily cease to exist. Mentioning the fields only serves to locate where the relevant information could be found previously. The new variables will contain the relevant information in the future.

Please see Chapter 18 regarding the question whether an 'Old field' described in the second column from the right is ceased or not,

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| UD007B | ACCEPTANCE WITH ALLOCATION CODE POSSIBLE | X | 1 | G83 | UD008A | The acceptance of an offer when submitted with an allocation code may result in holders being given preferential treatment, e.g. in the case of an allotment on takeover, etc. |
| UD008C | EARLY/LATE 1 | X | 2 | UA3 | UD008A | Represents whether a delivered transaction is an early or late tender/exchange. |
| UD008D | EARLY/LATE 2 | X | 2 | UA4 | UD008A | Supplement to UD008C, in which form a possible early/late premium |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| | | | | | | or whether an early/late consent fee is paid. |
| UD008E | MULTIPLE OPTIONS | X | 2 | UA5 | UD008A | Possibility to tag the individual options for Multiple Option Offer. |
| UD008F | SUB TYPE OFFER | X | 2 | UA6 | UD008A / UD010D | Supplementary information on the event type. The variable contains keys to the different types of conversions/repurchases, etc. |
| UD008G | CONSENT INFORMATION 1 | X | 2 | UA7 | UD008A | Represents if a delivered transaction is accompanied by a 'Consent Solicitation' and if applicable. A 'Consent Fee'. |
| UD008H | CONSENT INFORMATION 2 | X | 2 | UA8 | UD008A | Supplements UD008G to specify whether participation in the offer is conditional on consent or not. |
| UD008I | CONSENT INFORMATION 3 – PAYENT IN | X | 1 | UC3 | UD008A | Supplements UD008G, in which form a Consent Fee is payed. |
| UD013A | PRORATION FACTOR IN PERCENT | N | Old: 10.9<br><br>New: 3.9 | / | UD014B / UD011D | This is the factor that is applied to the payout in cash or units. |
| UD014H | APPLICATION OF POOL FACTOR | X | 1 | G83 | UD014B / UD011D | The application of the pool factor can influence the actual payment/entry to the holders by the corresponding value. |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| UD014I | AMOUNT/PAYMENT/TEXT | X | 100 | / | UD014B | To depict certain situations that directly influence the payment. |
| UD018A | EXPECTED PAYMENT DATE | X | 1 | G83 | UD018 | Serves to tag a payable data as expected. As long as there is no clear payable date, e.g. no accrued interest will be delivered as its calculations is based on the date. |
| UD030A | OTHER PARTICIPATION RESERVATIONS | T | 3,900 | / | UD030 | To save payment-related information or restrictions that cannot be represented by the existing structured fields. |
| UD030B | CURRENCY/UNIT/TOKEN MINIMUM ACCEPTANCE AMOUNT | X | 3 | W01 | UD030 | To indicate the smallest amount of capital or securities which must participate in an offer or be accepted by the issuer in order for the offer to be made. |
| UD030C | MINIMUM ACCEPTANCE AMOUNT | N | Old: 15.4<br><br>New: 15.3 | / | UD030 | |
| UD030D | MINIMUM ACCEPTANCE AMOUNT IN PERCENT | X | 1 | W03 | UD030 | |
| UD030E | MINIMUM ACCEPTANCE AMOUNT BASIS | N | 2 | U27 | UD030 | |
| UD620 | CURRENCY/UNIT/TOKEN MINIMUM ACCEPTANCE AMOUNT | X | 3 | W01 | UD030 | To indicate the largest amount of capital or securities which can participate in |
| UD620A | MINIMUM ACCEPTANCE AMOUNT | N | Old: 15.4<br><br>New: | / | UD030 | |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| | | | 15.3 | | | an offer or which are planned to be accepted by the issuer. If the offer relates to several classes (class circle), the total maximum acceptance quantity is depicted here. |
| UD620B | MINIMUM ACCEPTANCE AMOUNT IN PERCENT | X | 1 | W03 | UD030 | |
| UD620C | MAXIMUM ACCEPTANCE AMOUNT | N | 2 | U27 | UD030 | |
| UD030F | CURRENCY/UNITY/TOKEN CONVERSION/REPURCHASE/SUB CAP | X | 3 | W01 | UD030 | If the offer includes several securities, different sub-caps (for partial maximum acceptance quantities) can be saved in this variable. |
| UD030G | CONVERSION/REPURCHASE/SUB CAP | N | Old: 15.4<br><br>New: 15.3 | / | UD030 | |
| UD030H | CONVERSION/REPURCHASE/SUB CAP IN PERCENT | X | 1 | W03 | UD030 | |
| UD030I | SUBSCRIPTION PRICE CONVERSION/REPURCHASE | N | 2 | U27 | UD030 | |
| UD030J | MINIMUM APPROVAL REQUIRED FOR CONSENT SOLICITATION IN PERCENT | N | 3.7 | / | UD030 | In order to implement the changes proposed in the consent solicitation or to implement the offer, minimum consent is required from the holders. |
| UD030K | OFFER SOLELY FOR | X | 1 | UB2 | UD030 | To indicate whether an offer is only directed at a restricted group of addresses (eligibility). |
| UD030L | SUBMISSION ELIGIBILITY LETTER MANDATORY | X | 1 | G83 | UD030 | If a mandatory submission of the eligibility letter accompanies the offer, this variable |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| | | | | | | is marked with 'yes.' |
| UD030M | PRIORITY LEVELS | N | 3 | / | UD030 | In order to depict the applicable priority level for individual securities in the context of an offer, which extends to several securities, if these are known. |
| UD030N | ALLOCATION PRO RATA ACCEPTANCE | N | 2 | UB3 | UD030 | If the allotment in the case of an acceptance is depicted according to the pro rata order, this should be already known. |
| UD030O | MINIMUM DENOMINATION | N | Old: 15.4<br><br>New: 15.3 | / | UD030 | Indication on the minimum denomination/minimum submission as part of the tender and the subsequent submission steps. |
| UD030P | CURRENCY/UNIT/TOKEN MINIMUM DENOMINATION | X | 3 | W01 | UD030 | |
| UD030Q | INTEGRAL MULTIPLES | N | Old: 15.4<br><br>New: 15.3 | / | UD030 | |
| UD030R | CURRENCY/UNIT/TOKEN INTEGRAL MULTIPLES | X | 3 | W01 | UD030 | |
| UD055B | STATUS CONVERSION/REPURCHASE MEASURE | X | 1 | UB1 | UD008A | If a certain measure or part of a certain measure, is no longer available due to exhaustion of the minimum acceptance quantity, a corresponding key |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| | | | | | | is set in this variable. |
| UD191A | 3RD PARTY NAME | X | 50 | / | UD191 / UD008A | Adjustment to the name of the bidding third party if UD191 is populated with the key 'yes'. |
| UD620D | CURRENCY/UNIT/TOKEN ACCRUED INTEREST | X | 3 | W02 | UD013 / UD011D | Enables the presentation of accrued interest in cash as well as in units. An additional income report is not created. |
| UD620E | AMOUNT ACCRUED INTEREST | N | Old: 10,9<br><br>New: 10.8 | / | UD013 / UD011D | |
| UD620F | ACCRUED INTEREST IN PERCENT | X | 1 | W03 | UD013 / UD011D | |
| UD620G | ACCRUED INTEREST TYPE | N | 1 | U06 | UD013 / UD011D | |
| UD620H | ACCRUED INTEREST COMPENSATION | X | 1 | UC3 | UD013 / UD011D | |
| UV217H | CONVERSION / EXCHANGE RATIOS - NEW INSTRUMENT INTEREST | N | 2,7 | / | UD011D | Further explanation of the securities to be subscribed to – especially important if no ISIN is yet known for the security. |
| UV217I | CONVERSION / EXCHANGE RATIOS NEW INSTRUMENT ASSET CLASS | X | 2 | UA1 | | |
| UV217J | CONVERSION / EXCHANGE RATIOS NEW INSTRUMENT ASSET CLASS TEXT | X | 300 | / | | |
| UV217K | CONVERSION / EXCHANGE RATIOS - NEW INSTRUMENT MATURITY | N | 4 | / | | |
| UV255H | CONVERSION / EXCHANGE RATIOS - NEW INSTRUMENT INTEREST | N | 2,7 | / | UD011D VF1 only | In the context of future deliveries, a distinction is made between VF1 and VFX (other EDDy_neu data |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| UV255I | CONVERSION / EXCHANGE RATIOS - NEW INSTRUMENT ASSET CLASS | X | 02 | UA1 | | feeds) with regard to some table variables. Accordingly, the table variable UV255 is for deliveries in VF1 format and abovementioned UV217 for deliveries in VFX format. |
| UV255J | CONVERSION / EXCHANGE RATIOS - NEW INSTRUMENT TEXT (1) | X | 39 | / | | |
| UV255K | CONVERSION / EXCHANGE RATIOS - NEW INSTRUMENT TEXT (2) | X | 39 | / | | |
| UV255L | CONVERSION / EXCHANGE RATIOS - NEW INSTRUMENT MATURITY | N | 04 | / | | |
| UV218 | SUBSCRIPTION OPTIONS | U | 0 | Div. | UD008A / UD030 | Should there be an additional subscription option within the scope of an offer, the details of which are known, these can be created in the table variable. |
| UV218A | SUBSCRIPTION OPTIONS CONTINOUOUS NUMBER | N | 2 | / | | |
| UV218B | SUBSCRIPTION OPTION | X | 39 | / | | |
| UV218C | CURRENCY/UNIT/TOKEN SUBSCRIPTION PRICE & TOTAL NOMINATION | X | 3 | W01 | | |
| UV218D | SUBSCRIPTION PRICE | N | Old: 10,9<br>New: 10.8 | / | | |
| UV218E | SUBSCRIPTION PRICE IN PERCENT | X | 1 | W03 | | |
| UV218F | SUBSCRIPTION KIND | N | 1 | U06 | | |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| UV218G | TOTAL NOMINAL SUBSCRIPTION | N | Old: 15.7<br><br>New: 15.3 | / | | |
| UV218H | SUBSCRIPTION OPTION OPERATORS | X | 1 | UA2 | | |
| UV218I | SUBSCRIPTION OPTION CANCELLATION ID | N | 1 | GG2 | | |
| UV219 | PREMIUM INFORMATION | U | 0 | Div. | UD014B / UD011D | |
| UV219A | PREMIUM TYPE CONTINUOUS NUMBER | N | 2 | / | | |
| UV219B | PREMIUM TYPE | X | 1 | UB6 | | Depicts the amount of the premium payment. The premium is only depicted in these fields, there is no additional set-off against the redemption price/exchange ratio. |
| UV219C | PREMIUM TYPE CURRENCY/UNIT/TOKEN | X | 3 | W01 | | |
| UV219D | PREMIUM TYPE AMOUNT | N | 6,7 | / | | |
| UV219E | PREMIUM TYPE PERCENT | X | 1 | W03 | | |
| UV219F | PREMIUM TYPE KIND | N | 1 | U06 | | |
| UV219G | PREMIUM TYPE ALLOCATION | X | 39 | / | | |
| UV219H | PREMIUM TYPE CANCELLATION ID | N | 1 | GG2 | | |
| UV222 | CONSENT FEES | U | 0 | Div. | UD014B / UD011D | |
| UV222A | CONSENT FEE CONSECUTIVE NUMBER | N | 2 | / | | |
| UV222B | CONSENT FEE TYPE | X | 1 | UB7 | | Depicts the amount of the consent payment. The consent is only depicted in these fields, an additional set-off |
| UV222C | CURRENCY/UNIT TOKEN/CONSENT FEE | X | 3 | W01 | | |
| UV222D | CONSENT FEE AMOUNT | N | 6.7 | / | | |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| UV222E | CONSENT FEE IN PERCENT | X | 1 | W03 | | against the redemption price/exchange ratio does not take place. |
| UV222F | CONSENT FEE TYPE | N | 1 | U06 | | |
| UV222G | CONSENT FEE ALLOCATION | X | 39 | / | | |
| UV222H | CONSENT FEE CACELLATION ID | N | 1 | GG2 | | |
| UV244 | DUTCH AUCTION INFORMATION | U | 0 | Div. | UD014B / UD011D | Provides additional information for the calculation of the repurchase price/ denominator in offers where the holder can indicate a price within a certain range as desired amount/value (partly via Dutch Auction Procedure = The holder indicates when submitting what price he would like to have paid for the genus. The price stated can be within the range in field UV244. A final price is usually set by the issuer towards the end of the offer). |
| UV244A | MINIMUM PRICE QUANTITY | X | 3 | W01 | | |
| UV244B | MINIMUM PRICE QUANTITY | N | Old: 15.4<br><br>New: 15.3 | / | | |
| UV244C | MINIMUM PRICE IN PERCENT | X | 1 | W03 | | |
| UV244D | MINIMUM PRICE QUANTITY | X | 3 | W01 | | |
| UV244E | MAXIMUM PRICE QUANTITY | N | Old: 15.4<br><br>New: 15.3 | / | | |
| UV244F | MAXIMUM PRICE IN PERCENT | X | 1 | W03 | | |
| UV244G | CURRENCY UNIT TOKEN BID STEPS | X | 3 | W01 | | |
| UV244H | BIDDING STEPS | N | 6.4 | / | | |
| UV244I | BID STEPS IN PERCENT | X | 1 | W03 | | |
| UV244J | Competitive or non-competitive offers | X | 1 | G83 | | |
| UD191B | BIDDER TAKEOVER | X | 100 | / | UD008A | Adjustment to the same/designation of the acquirer(s) in the case of the |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| | | | | | | takeover bids or mergers. |
| UD191C | LIQUIDATION PER | D | 8 | / | UD008A | If there is no real ex-date, the effective date can be populated as an alternative, if available. |
| UD191D | EFFEICE DATE | D | 8 | / | UD025 | If there is no real ex-date, the effective date can be populated as an alternative, if available. |
| UD087A | CORPORATE EVENT IDENTIFIER ADDITION | X | 300 | / | UD087 | Precise explanation to supplement the tax assessment if the existing keys in UV254B cannot completely capture the facts. |
| UD087B | CORPORATION EVENT IDENTIFIER LINK | X | 300 | / | UD087 | Additional explanation in the form of longer continuous texts (provided as a link to a corresponding PDF), if the existing keys in UV254B cannot completely cover the matter and an explanation in UD087A is also not sufficient. Access to these documents does not require separate registration. |
| UD087C | Booking per | D | 8 | / | UD018 | Counterpart to the payable date in the case of unit bookings. |
| | | | | | | |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| KV123H | SUBSCRIBED SECURITY INTEREST RATE | N | Old: 02<br><br>New: 2,7 | / | KD009B / KD022PI | Further explanation of the securities to be subscribed for – especially important if no ISIN is yet known for the new security. |
| KV123I | SUBSCRIBED SECURITY ASSRET CLASS | X | 2 | UA1 | | |
| KV123J | SUBSCRIBED SECURITY TERM | N | Old: 02<br><br>New: 04 | / | | |
| KV123K | SUBSCRIBED SECURITY EXPLANATION | X | 78 | / | | |
| KV123N | SUBSCRIBED SECURITY ISIN ADDITION | X | 78 | / | | |
| KV133H | SUBSCRIBED SECURITY INTEREST RATE | N | Old: 02<br><br>New: 2.7 | / | KD009B / KD022PI<br><br>VF1 only | In the context of future deliveries, a distinction is made between VF1 and VFX (other EDDy_neu data feeds) with regard to some table variables. Accordingly, the table variable KV133 is for deliveries in VF1 format and abovementioned KV123 for deliveries in VFX format. |
| KV133I | SUBSCRIBED SECURITY ASSET CLASS | X | Old: 02 New: 04 | UA1 | | |
| KV133J | SUBSCRIBED SECURITY MATURITY | N | 02 | / | | |
| KV133K | SUBSCRIBED SECURITY EXPLANATION (1) | X | 39 | / | | |
| KV133L | SUBSCRIBED SECURITY EXPLANATION (2) | X | 39 | / | | |
| KV133O | SUBSCRIBED SECURITY ISIN ADDITION (1) | X | 39 | / | | |
| KV133P | SUBSCRIBED SECURITY ISIN ADDITION (2) | X | 39 | / | | |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| KV124F | SUBSCRIPTION RIGHT EXPLANATION | X | 78 | / | KD026B | More detailed information on the subscription right. |
| KV134F | SUBSCRIPTION RIGHT EXPLANATION (1) | X | 39 | / | KD026B<br><br>VF1 only | In the context of future deliveries, a distinction is made between VF1 and VFX (other EDDy_neu data feeds) with regard to some table variables. Accordingly, the table variable KV134 is for deliveries in VF1 format and abovementioned KV124 for deliveries in VFX format. |
| KV134G | SUBSCRIPTION RIGHT EXPLANATION (2) | X | 39 | / | | |
| KD200B | MINIMUM AMOUNT | X | 3 | W01 | KD200A | Complements the minimum subscription currency (KD200A) |
| KD201A | MULTIPLE AMOUNT SPECIALITIES | N | 15.3 | / | KD200A/KD201 | Complements possible multiples for minimum subscription (KD200A, KD201) |
| KD201B | SPECIALITIES FOR MINIMUM SUBSCRIPTIONS | X | 3 | W01 | | |
| KD005B | EVENT TYPE SUB TYPE | X | 1 | UC4 | KD005 | Supplementary information on the event type. The variable contains keys for different types of capital increases. |
| KD005C | EFFECTIVE DATE | D | 8 | / | KD018 | If there is no real ex-date, the effective date can be populated as an alternative, if available. |
| KD005D | BOOKING PER | D | 8 | / | KD019 | Counterpart fort he payable date in the |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| | | | | | | case of unit bookings. |
| KD087A | CORPORATE EVENT IDENTIFIER ADDITION | X | 300 | / | KD087 | Precise description of the tax assessment, if the existing keys in KD087 cannot depict the entire situation. |
| KD087B | CORPORATE EVENT IDENTIFIER LINK | X | 300 | / | KD087 | Additional explanation in the form of longer continuous texts (provided as a link to a corresponding PDF), if the existing keys in KD087 cannot completely cover the matter and an explanation in UD087A is also not sufficient. Access to these documents does not require a separate registration. |
| | | | | | | |
| ED087C | GUARANTY DIVIDEND BY | X | 100 | / | ED006 | Name of the guarantor of the dividend. |
| ED008M | ID NEGATIVE IN ED008A AND ED301 | X | 1 | FL7 | ED008A, ED301 | Characteristics of negative distributions for pensions and certificates. |
| | | | | | | |
| HD123A | DESCRIPTION VENUE | X | 3,900 | / | HD014 | Replace the old field VENUE to provide a detailed account of the facts. |
| HD123B | STREET VENUE | X | Old: 100<br>New: 70 | / | | |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| HD123C | HOUSE NO VENUE | X | Old: 100<br><br>New: 16 | / | | |
| HD123D | PLACE POSTCODE | X | Old: 100<br><br>New: 16 | / | HD013 | Replace the old field PLACE OF (A)GM to ensure a detailed presentation of the facts. |
| HD123E | AGM PLACE | X | Old: 100<br><br>New: 35 | / | | |
| | | | | | | |
| GV9U8 | ISSUER HISTORY | U | 00 | Div. | GD250 | Presentation of the history of issuers if a security is assigned to a new issuer due to merger or change of debtor. |
| GV9U8A | SEQUENTIAL NUMBER | N | 01 | / | | |
| GV9U8B | ISSURER NUMBER | N | 06 | / | | |
| GV9U8C | DATE FROM | D | 08 | / | | |
| GV9U8D | DATE TO | V | 08 | / | | |
| GV9U8E | REASON | X | 01 | FJ7 | | |
| GV9U8F | CANCELLATION ID | X | 01 | GG2 | | |
| GD802H | INTEREST CHARACTERISTICS | X | 01 | FL2 | GD801A GD801C, GD180 | Enables a negative interest rate to be indicated in addition to the zero interest rate. This variable shall be interpreted in connection with the information in field GD801A (interest rate in percent) and/or GD180. |
| GD802J | INTEREST AMOUNT FIXED | N | 4.9 | / | GD801A, GD805, GD815 | Presentation of fixed interest amounts |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| | | | | | | independent of interest periods. |
| GD802K | INTEREST AMOUNT FIXED CHARACTERISTICS | X | 1 | FL3 | GD801A, GD805, GD815 | The expression of the corresponding fixed interest amount in GD802J is depicted here. It either a percentage or an amount in issue currency. |
| GV1F3 | PAYMENT IN KIND | U | 0 | Div. | GD801A | Pay in kind notes can be exactly defined in the new fields for respective valid periods. The structured representation of whether cash payment in notes or a toggle feature applies is possible by means of this model. |
| GV1F3A | DATE FROM | D | 8 | / | | |
| GV1F3B | DATE TO | D | 8 | / | | |
| GV1F3C | CASH | N | 4.9 | / | | |
| GV1F3D | NOTES | N | 4.9 | / | | |
| GV1F3E | TOGGLE | X | 1 | G83 | | |
| GV1F3F | DETAILS UNKNOWN | X | 1 | G83 | | |
| GV1F5 | CALL/PUTT OPTION | U | 0 | Div. | GD941, GD951, GD961 | In this table variable, detailed information on the individual termination dates and their respective arrangements are |
| GV1F50 | CALL/PUTT OPTION TYPE | X | 1 | FL9 | | |
| GV1F51 | EVENT DRIVEN TYPE | X | 1 | FM1 | | |
| GV1F52 | AUTOCALL | X | 1 | G83 | | |
| GV1F53 | MAKE WHOLE CALL | X | 1 | G83 | | |
| GV1F54 | PARTIAL TERMINATION | X | 1 | G83 | | |
| GV1F55 | CLEAN UP PERCENTAGE | N | 2 | / | | |
| GV1F56 | EQUITY CLAW BLACK START DATE | D | 8 | / | | |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| GV1F57 | EQUITY CLAW BLACK END DATE | D | 8 | / | | possible. This applies to all termination types; debtor, creditor and special terminations. |
| GV1F58 | EQUITY CLAW BLACK PERCENTAGE RATE | N | 3 | / | | |
| GV1F59 | BARRIER UNDERCUTTING/EXCEEDING PERCENTAGE | N | 3 | / | | |
| GV1F5A | CALL PUT DATE | D | 8 | / | | |
| GV1F5B | CALL PUT PRICE | N | 5.4 | / | | |
| GV1F5C | PERIODICITY TYPE | X | 1 | FM2 | | |
| GV1F5D | INTERVAL | N | 04 | / | | |
| GV1F5E | INTERVAL TYPE | X | 01 | FM3 | | |
| GV1F5F | MONTH | X | 02 | FK9 | | |
| GV1F5G | DAY | X | 02 | FM4 | | |
| GV1F5H | NOTICE PERIOD YEAR | N | 2 | / | | |
| GV1F5J | NOTICE PERIOD MONTH | N | 3 | / | | |
| GV1F5K | NOTICE PERIOD DAY | N | 4 | / | | |
| GV1F5L | NOTICE PERIOD DAY TYPE | X | 1 | FM5 | | |
| GV1F5M | CALL PUT OPTION CURRENCY | X | 3 | W02 | | |
| GV1F5N | CALL PUT OPTION PRICE PERCENT | X | 1 | FM6 | | |
| GV1F5O | CALL PUT OPTION PRICE LINK | X | 1 | G83 | | |
| GV1F5P | CALL PUT OPTION PRICE DEPENDENCY ISIN | X | 12 | / | | |
| GV1F5Q | CALL PUT OPTION PRICE DEPENDENCY WKN | X | 06 | / | | |

| Variable ID New | Variable name New | Format | Length | Table | Textually provision so far | Description/Content of the variables |
|---|---|---|---|---|---|---|
| GV1F5R | CALL PUT OPTION PRICE DEPENDENCY TYPE | N | 2 | F19 | | |

Further adjustments: new tables, assigned to the above mentioned variables.

| Table | Decode | Key |
|---|---|---|
| UA1 | Debentures / bonds | AA |
| | Certificates | AB |
| | Shares | AC |
| | Warrants | AD |
| | Warrants | AE |
| | Currency | AF |
| | Funds | AG |
| | Acquisition rights | AH |
| | Securities basket | AI |
| | Currency basket | AJ |
| | Shares | AK |
| | Share index | AL |
| | Bond index | AM |
| | Futures | AN |
| | Investment units | AO |
| | Rights | AP |
| | Subscription and partial rights | AQ |
| | Index basket | AR |
| | Profit-sharing rights | AS |
| | Cash | AT |
| | Units | AU |

| Table | Decode | Key |
|---|---|---|
| | Bond purchase offer | AV |
| | Other | AW |
| | Escrow shares | AX |
| | Contingent value rights | AY |
| | ADR/GDR | AZ |
| | | |
| UA2 | And | A |
| | Other | B |
| | | |
| UA3 | Early Tender/Exchange/Consent | AA |
| | Late Tender/Exchange/Consent | AB |
| | | |
| UA4 | with 'Early Tender/Exchange Premium' in cash | AA |
| | with 'Early Tender/Exchange Premium' in units | AB |
| | Now also with 'Early Tender/Exchange Premium' for Late Tender/Exchange | AC |
| | with 'Early Consent Fee' | AD |
| | with 'Late Consent Fee' | AE |
| | with 'Early & Late Consent Fee' | AF |
| | | |
| UA5 | Option 1 | AA |
| | Option 2 | AB |
| | Option 3 | AC |
| | Option 4 | AD |
| | Option 5 | AE |
| | Option 6 | AF |
| | Option 7 | AG |
| | Option 8 | AH |
| | Option 9 | AI |

| Table | Decode | Key |
|---|---|---|
| | Option 10 | AJ |
| | | |
| UA6 | Modified Dutch Auction' | AA |
| | Unmodified Dutch Auction' | AB |
| | Reverse Dutch Auction' | AC |
| | Offer carried out according to 'Dutch Auction Procedure' | AD |
| | Change of Control' | AE |
| | Asset Sale Offer' | AF |
| | Fundamental Change' | AG |
| | Make Whole Fundamental Change' | AH |
| | Conversion Restricted in Unrestricted security | AI |
| | Government Switch Auction' | AJ |
| | Conditional Period' | AK |
| | Unconditional Period' | AL |
| | with vote on term extension | AM |
| | Holding Trust Period | AN |
| | Exchange Option | AO |
| | Tender Option | AP |
| | Negative Consent | AQ |
| | Reinvestment Offer | AR |
| | | |
| UA7 | with 'Consent Solicitation' | AA |
| | now also with 'Consent Solicitation' | AB |
| | with 'Consent Solicitation' und 'Consent Fee' | AC |
| | now also with 'Consent Solicitation' und 'Consent Fee' | AD |
| | with 'Consent Solicitation', without 'Consent Fee' | AE |
| | Now also with 'Consent Solicitation', without 'Consent Fee' | AF |
| | Consent Only' | AG |

| Table | Decode | Key |
|---|---|---|
| | Consent payment possible | AH |
| | without consent payment | AI |
| | | |
| UA8 | Holders may not tender/exchange without consenting or consent without tendering/exchanging | AA |
| | Holders may not tender/exchange without consenting, but consent without tendering/exchanging | AB |
| | | |
| UA9 | Offer carried out exclusively in accordance with German law | AA |
| | Offer carried out exclusively in accordance with Swiss law | AB |
| | Not for holders in whose jurisdiction the offer violates the laws applicable there | AC |
| | Offer based on the legal system of the Federal Republic of Germany | AD |
| | Offers under the provisions of another jurisdiction are not made | AE |
| | Publication, dispatch, distribution or distribution or dissemination may be subject to restrictions abroad | AF |
| | Invitation/offer not subject to the provisions of the German Securities Acquisition and Takeover Act | AG |
| | Offer carried out exclusively in accordance with Austrian law | AH |
| | Limited to shareholders in the Federal Republic of Germany | AI |
| | No publication or distribution in the United States of America, Australia, Japan or Canada | AJ |
| | For further details see subscription offer | AK |
| | QIBs excluded | AL |
| | For further information, see purchase offer | AM |
| | | |
| UB1 | Exchange/repurchase limit has been reached – no acceptance of offers will be made after the 'early' has expired. | A |
| | Exchange/repurchase limit has been reached – no acceptance of offers for this security | B |
| | | |

| Table | Decode | Key |
|---|---|---|
| UB2 | Qualified Institutional Buyers' | A |
| | Not-U.S. persons' | B |
| | Accredited Investors' | C |
| | Qualified Institutional Buyer's or 'Not-U.S. persons' | D |
| | Qualified Institutional Buyer's or 'Not-U.S. persons' or 'Accredited Investors' | E |
| | Qualified Institutional Buyers' or 'Accredited Investors' | F |
| | Not-U.S. persons' or 'Accredited Investors' | G |
| | Only 'Eligible Holders' | H |
| | 'Ineligible Holders' | I |
| | Qualified investors | J |
| | Beneficial holders | K |
| | Retail investors | L |
| | | |
| UB3 | on "First Come, First Served" basis | AA |
| | Non-Competitive Instructions first, Competitive Instructions second | AB |
| | According to 'Acceptance Priority Level' | AC |
| | | |
| UB6 | Early Tender Premium | A |
| | Late Tender Premium | B |
| | Early Exchange Premium | C |
| | Late Exchange Premium | D |
| | | |
| UB7 | Early Consent Fee | A |
| | Late Consent Fee | B |
| | Consent Fee | C |
| | | |
| UB8 | Tender Agent | AA |
| | Exchange Agent | AB |

| Table | Decode | Key |
|---|---|---|
| | Solicitation Agent | AC |
| | Tabulation Agent | AD |
| | Information Agent | AE |
| | Depository | AF |
| | Settlement agency | AG |
| | Paying agent | AH |
| | Paying agent | AI |
| | Conversion agent | AJ |
| | | |
| UC3 | Cash | 1 |
| | Units | 2 |
| | | |
| UC4 | Open Offer | 1 |
| | Subsequent Repair Offer | 2 |
| | | |
| UC5 | Year | 1 |
| | Month | 2 |
| | One-time | 3 |
| | | |
| UC6 | 1st of the month | 01 |
| | 2nd of the month | 02 |
| | 3rd of  the month | 03 |
| | 4th of the month | 04 |
| | 5th of the month | 05 |
| | 6th of the month | 06 |
| | 7th of the month | 07 |
| | 8th of the month | 08 |
| | 9th of the month | 09 |
| | 10th of the month | 10 |

| Table | Decode | Key |
|---|---|---|
| | 11th of the month | 11 |
| | 12th of the month | 12 |
| | 13th of the month | 13 |
| | 14th of the month | 14 |
| | 15th of the month | 15 |
| | 16th of the month | 16 |
| | 17th of the month | 17 |
| | 18th of the month | 18 |
| | 19th of the month | 19 |
| | 20th of the month | 20 |
| | 21st of the month | 21 |
| | 22nd of the month | 22 |
| | 23rd of the month | 23 |
| | 24th of the month | 24 |
| | 25th of the month | 25 |
| | 26th of the month | 26 |
| | 27th of the month | 27 |
| | 28th of the month | 28 |
| | 29th of the month | 29 |
| | 30th of the month | 30 |
| | 31st of the month | 31 |
| | First banking day of the month | 32 |
| | Last banking day of the month | 33 |
| | First banking day of the year | 34 |
| | Last banking day of the year | 35 |
| | Last calendar day of the month | 36 |
| | At the interest rate | 37 |
| | | |

| Table | Decode | Key |
|---|---|---|
| UC7 | Banking day | 1 |
| | Calendar day | 2 |
| | Business day | 3 |
| | | |
| FJ7 | Merger | A |
| | Debtor change | B |
| | | |
| FK9 | January | 01 |
| | February | 02 |
| | March | 03 |
| | April | 04 |
| | May | 05 |
| | June | 06 |
| | July | 07 |
| | August | 08 |
| | September | 09 |
| | October | 10 |
| | November | 11 |
| | December | 12 |
| | | |
| FL2 | Interest rate 0 | A |
| | Interest rate negative | B |
| | | |
| FL3 | Percent | 1 |
| | Issuer currency | 2 |
| | | |
| FL7 | + | 1 |
| | - | 2 |
| | | |
| FL9 | Call | 1 |

| Table | Decode | Key |
|---|---|---|
| | Put | 2 |
| | Event driven | 3 |
| | | |
| FM1 | Due to tax reasons | A |
| | Barrier undercut/exceeded (share/ underlying) | B |
| | Clean Up Call | C |
| | Collateral Clean Up Call | D |
| | Deal Clean Up Call | F |
| | Equity Claw Back Call | G |
| | Change in control | H |
| | Majority decision holder / Sub. nts | J |
| | Mandatory conversion into shares upon occurrence of trigger event | K |
| | Other | L |
| | | |
| FM2 | Anytime | 1 |
| | At each interest date | 2 |
| | At certain dates | 3 |
| | Not depictable | 4 |
| | | |
| FM3 | Year | 1 |
| | Month | 2 |
| | | |
| FM4 | 1st of the month | 01 |
| | 2nd of the month | 02 |
| | 3rd of the month | 03 |
| | 4th of the month | 04 |
| | 5th of the month | 05 |
| | 6th of the month | 06 |

| Table | Decode | Key |
|---|---|---|
| | 7th of the month | 07 |
| | 8th of the month | 08 |
| | 9th of the month | 09 |
| | 10th of the month | 10 |
| | 11th of the month | 11 |
| | 12th of the month | 12 |
| | 13th of the month | 13 |
| | 14th of the month | 14 |
| | 15th of the month | 15 |
| | 16th of the month | 16 |
| | 17th of the month | 17 |
| | 18th of the month | 18 |
| | 19th of the month | 19 |
| | 20th of the month | 20 |
| | 21st of the month | 21 |
| | 22nd of the month | 22 |
| | 23rd of the month | 23 |
| | 24th of the month | 24 |
| | 25th of the month | 25 |
| | 26th of the month | 26 |
| | 27th of the month | 27 |
| | 28th of the month | 28 |
| | 29th of the month | 29 |
| | 30th of the month | 30 |
| | 31st of the month | 31 |
| | First banking day of the month | 32 |
| | Last banking day of the month | 33 |

| Table | Decode | Key |
|---|---|---|
| | First banking day of the year | 34 |
| | Last banking day of the year | 35 |
| | Last calendar day of the year | 36 |
| | | |
| FM5 | Banking day | A |
| | Calendar day | B |
| | | |
| FM6 | Percent | 1 |

# 9. Segment P –stopped securities

Physical securities have become less and less important in recent years because the vast majority of financial instruments are securitised as global certificates. Among other things, this is due to the predominantly electronic securities trading, in which actual deliveries no longer take place. In consequence, the relevance of the so-called list of stopped securities has been reduced continuously, because within the scope of digital securities transactions a security can neither be stolen, lost nor otherwise gone. Moreover, this trend is further enhanced by the emergence of additional types of custody in the form of block chains. In this context, we also would like to mention the discontinuation of effective fund units through the UCITS V Implementation Act. Since 2017, all physical securitisations of German funds have lost their securities character.

In total, there are 13,023 ISINs on the current list of stopped securities, of which only 865 ISINs are marked as active.

Changes (new ISINs, deletions etc.) in the list of stopped securities over the last five years as follows:

- in 2016: 58 ISINs
- in 2017: 56 ISINs
- in 2018: 40 ISINs
- in 2019: 33 ISINs
- in 2020: 19 ISINs

So also this trend confirms that the list of stopped securities is becoming less and less important. We rather expect the list of stopped securities to remain mainly static, with only minor to no changes in the upcoming years.

Due to the above-described reasons, the list of stopped securities is to be removed from the data streams for the introduction of EDDy_neu and will be provided online as PDF (note: already today published there). In the case that there are any unexpected changes to that data, we will depict it in the PDF accordingly.

# 10. Reconciliation of the information provided by the depositories

## 10.1. Background

Currently, discrepancies of payment-relevant information between WM and four depositories are published as textual additions to the affected fields; only summary statements about the synchronicity or discrepancy of an event are made in formatted fields.

Under EDDy_neu, the discrepancies are provided formatted in own components within separate table sub-variables making a summary statement on synchronicity obsolete.

## 10.2. New table variables

### 10.2.1. Income

Deviating information of our depositories on income are assigned to the component "Depository deviations income" and are publicized via our new table EV604:

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| EV604 | DEPOSITORY DISCREPANCIES INCOME | U | 00 | Div. |
| EV604A | SEQUENTIAL NUMBER | N | Old: 02<br>New: 04 | / |
| EV604B | DEPOSITORY | X | 02 | E29 |
| EV604C | EX DATE | D | 08 | / |
| EV604D | PAYMENT DATE | D | 08 | / |
| EV604E | GROSS INCOME | Old: N<br>New: S | 9,9 | / |
| EV604F | CURRENCY BDB | X | 03 | W01 |
| EV604G | RECORD DATE | D | 08 | / |
| EV604H | FULL WITHHOLDING TAX | N | 6,7 | / |
| EV604I | PAYMENT PERIOD FROM | D | 08 | / |
| EV604J | PAYMENT PERIOD TO | D | 08 | / |
| EV604K | COUPON TERM IN DAYS | N | 04 | / |
| EV604L | POOL FACTOR | N | 1,9 | / |
| EV604M | CANCELLATION ID | X | 01 | GG2 |

## 10.2.2. Redemptions

"Depository discrepancies redemptions" is the component for repayments and VV132 is the corresponding table:

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| VV132 | DEPOSITORY DISCREPANCIES REDEMPTIONS | U | 00 | Div. |
| VV132A | SEQUENTIAL NUMBER | N | Old: 02<br>New: 04 | / |
| VV132B | DEPOSITORY NAME | X | 02 | E29 |
| VV132C | REDEMPTION TYPE | N | 02 | V01 |
| VV132D | REDEMPTION DATE | D | 08 | / |
| VV132E | REDEMPTION AMOUNT | N | 9,9 | / |
| VV132F | PAYMENT DATE | D | 08 | / |
| VV132G | RECORD DATE | D | 08 | / |
| VV132H | CURRENCY BDB | X | 03 | W01 |
| VV132I | POOL FACTOR AFTER REDEMPTION | N | 9,9 | / |
| VV132J | NOMINAL VALUE AFTER REDEMPTION | N | 9,9 | / |
| VV132K | WKN AFTER REDEMPTION | X | 06 | / |
| VV132L | ISIN AFTER REDEMPTION | X | 12 | / |
| VV132M | NUMERATOR | N | Old: 10,9<br>New: 9.9 | / |

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| VV132N | DENOMINATOR | N | Old: 10,9<br>New: 9.9 | / |
| VV132O | CANCELLATION ID | X | 01 | GG2 |

## 10.2.3. Corporate actions

The Component for corporate actions is called "Depository discrepancies KAP".KV126 is the corresponding table for variables that cannot occur more than once per business transaction:

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| KV126 | DEPOSITORY DISCREPANCIES KAP | U | 00 | Div. |
| KV126A | SEQUENTIAL NUMBER | N | Old: 02<br>New: 04 | / |
| KV126B | DEPOSITORY | X | 02 | E29 |
| KV126C | EVENT TYPE | Old: X<br>New: N | 02 | K01 |
| KV126D | SUBSCRIPTION PERIOD FROM | D | 08 | / |
| KV126E | SUBSCRIPTION PERIOD TO | D | 08 | / |
| KV126F | SUBSCRIPTION RIGHT NOTICE FROM | D | 08 | / |
| KV126G | SUBSCRIPTION RIGHT NOTICE TO | D | 08 | / |
| KV126H | CURRENCY/ UNIT/ TOKEN BDB | X | 03 | W01 |

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| KV126I | SUBSCRIPTION PRICE | N | 6,7 | / |
| KV126J | EX DATE | D | 08 | / |
| KV126K | DETACHMENT DATE | D | 08 | / |
| KV126L | RECORD DATE | D | 08 | / |
| KV126M | PAYMENT DATE | D | 08 | / |
| KV126N | EFFECTIVE DATE | D | 08 | / |
| KV126O | ENTRY DATE ON | D | 08 | / |
| KV126P | CANCELLATION ID | X | 01 | GG2 |

Some variables for capital changes (and conversions) can have more than one specification per business transaction. In order to be able to publish these details in a formatted form, separate tables are introduced.

Table KV128 (component as above) lists multiple subscription ratios or subscriptions:

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| KV128 | DEPOSITORY DISCREPANCIES KAP SUBSCRIPTION RATIO | U | 00 | Div. |
| KV128A | SEQUENTIAL NUMBER | N | Old: 02<br>New: 04 | / |
| KV128B | DEPOSITORY | X | 02 | E29 |
| KV128C | CURRENCY/ UNIT/ TOKEN NUMERATOR SUBSCRIPTION RATIO | X | 03 | W01 |

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| KV128D | NUMERATOR SUBSCRIPTION RATIO GERMAN | N | Old: 15,12<br>New: 9,9 | / |
| KV128E | CURRENCY/ UNIT/ TOKEN DENOMINATOR SUBSCRIPTION RATIO | X | 03 | W01 |
| KV128F | DENOMINATOR SUBSCRIPTION RATIO GERMAN | N | Old: 15,12<br>New: 9,9 | / |
| KV128G | SUBSCRIBED SECURITY WKN | X | 06 | / |
| KV128H | SUBSCRIBED SECURITY ISIN | X | 12 | / |
| KV128I | CANCELLATION ID | X | 01 | GG2 |

Table KV130 lists (multiple) detachment ratios:

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| KV130 | DEPOSITORY DISCREPANCIES KAP DETACHMENT RATIO | U | 00 | Div. |
| KV130A | SEQUENTIAL NUMBER | N | Old: 02<br>New: 04 | / |
| KV130B | DEPOSITORY | X | 02 | E29 |
| KV130C | CURRENCY/ UNIT/ TOKEN NUMERATOR DETACHMENT RATIO | X | 03 | W01 |
| KV130D | NUMERATOR DETACHMENT RATIO GERMAN | N | Old: 15,12<br>New: 9,9 | / |

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| KV130E | CURRENCY/ UNIT/ TOKEN DENOMINATOR DETACHMENT RATIO | X | 03 | W01 |
| KV130F | DENOMINATOR DETACHMENT RATIO GERMAN | N | Old: 15,12<br>New: 9,9 | / |
| KV130G | SUBSCRIPTION RIGHTS WKN | X | 06 | / |
| KV130H | SUBSCRIPTION RIGHTS ISIN | X | 12 | / |
| KV130I | CANCELLATION ID | X | 01 | GG2 |

## 10.2.4. Conversions/exchanges

Singular fields for conversions are contained in the component “depository deviations” UMT and/or in table UV246:

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| UV246 | DEPOSITORY DISCREPANCIES CONVERSIONS/ EXCHANGES | U | 00 | Div. |
| UV246A | SEQUENTIAL NUMBER | N | Old: 02<br>New: 04 | / |
| UV246B | DEPOSITORY | X | 02 | E29 |
| UV246C | EVENT TYPE | X | 02 | U20 |
| UV246D | OFFER PERIOD FROM | D | 08 | / |
| UV246E | OFFER PERIOD TO | D | 08 | / |
| UV246F | CURRENCY/UNIT/TOKEN AMOUNT PAYMENT/ ADDITIONAL CHARGE | X | 03 | W01 |

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| UV246G | AMOUNT PAYMENT | N | Old: 10,9<br><br>New: 10.8 | / |
| UV246H | ADDITIONAL CHARGE | N | Old: 10,9<br><br>New: 10.8 | / |
| UV246I | CURRENCY/UNIT/TOKEN CONVERSION PRICE | X | 03 | W01 |
| UV246J | CONVERSION PRICE | N | 9,9 | / |
| UV246K | PAYMENT DATE | D | 08 | / |
| UV246L | DETACHMENT DATE | D | 08 | / |
| UV246M | EX DATE | D | 08 | / |
| UV246N | RECORD DATE | D | 08 | / |
| UV246O | LIQUIDATION ON | D | 08 | / |
| UV246P | EFFECTIVE DATE | D | 08 | / |
| UV246Q | ENTRY DATE ON | D | 08 | / |
| UV246R | CANCELLATION ID | X | 01 | GG2 |

The multiple occurrence of variables in the same business transaction is expressed in the following three tables:

Depository discrepancies conversion/exchange ratios

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| UV248 | DEPOSITORY DISCREPANCIES CONVERSIONS / EXCHANGES - RATIO | U | 00 | Div. |
| UV248A | SEQUENTIAL NUMBER | N | Old: 02<br>New: 04 | / |
| UV248B | DEPOSITORY | X | 02 | E29 |
| UV248C | RATIO NUMERATOR GERMAN | N | Old: 15,12<br>New: 9,9 | / |
| UV248D | CURRENCY/ UNIT/ TOKEN RATIO NUMERATOR | X | 3 | W01 |
| UV248E | RATIO DENOMINATOR GERMAN | N | Old: 15,12<br>New: 9,9 | / |
| UV248F | CURRENCY/ UNIT/ TOKEN RATIO DENOMINATOR | X | 03 | W01 |
| UV248G | WKN NEW SECURITY | X | 06 | / |
| UV248H | ISIN NEW SECURITY | X | 12 | / |
| UV248I | CURRENCY/UNIT/TOKEN PAYMENT AMOUNT | X | 03 | W01 |
| UV248J | PAYMENT AMOUNT | N | Old: 10,9<br>New: 10.8 | / |
| UV248K | CANCELLATION ID | X | 1 | GG2 |

Depository discrepancies consent payments:

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| UV250 | DEPOSITORY DISCREPANCIES CONVERSIONS/EXCHANGES - CONSENT | U | 00 | Div. |
| UV250A | SEQUENTIAL NUMBER | N | Old: 02<br>New: 04 | / |
| UV250B | DEPOSITORY | X | 02 | E29 |
| UV250C | CURRENCY/ UNIT/ TOKEN CONSENT FEE | X | 3 | W01 |
| UV250D | CONSENT FEE | N | 6,7 | / |
| UV250E | CANCELLATION ID | X | 1 | New: GG2<br>Old: / |

Depository discrepancies premium payments:

| Variable ID | Variable Name | Format | Length | Table |
|---|---|---|---|---|
| UV252 | DEPOSITORY DISCREPANCIES CONVERSIONS / EXCHANGES - PREMIUM | U | 00 | Div. |
| UV252A | SEQUENTIAL NUMBER | N | Old: 02<br>New: 04 | / |
| UV252B | DEPOSITORY | X | 02 | E29 |
| UV252C | CURRENCY/ UNIT/ TOKEN PREMIUM | X | 3 | W01 |
| UV252D | PREMIUM AMOUNT | N | 6,7 | / |
| UV252E | CANCELLATION ID | X | 1 | GG2 |

Table E29 lists the various depository institutions, with Clearstream Banking Frankfurt now being managed separately from Clearstream Banking Luxembourg:

| Key | Decode |
|---|---|
| 01 | Depository 1 |
| 02 | Depository 2 |
| 03 | Depository 3 |
| 04 | CBF |
| 05 | CBL |

## 10.2.5. Omitted fields

As the depository information, which deviates from the WM data, is provided formatted in tabular form, the currently provided summary statement as to whether a WM event is synchronous with the depositories or not, becomes superfluous, which is why the following fields are omitted:

| KeyField ID | Field Name |
|---|---|
| ED002, KD002, UD002, VD002 | QUALITY STATUS |
| ED003A, KD003A, UD003A, VD003A, | CONFIRMATION DEPOSITORY 1 |
| ED003B, KD003B, UD003B, VD003B | CONFIRMATION DEPOSITORY 2 |
| ED003C, KD003C. UD003C, VD003C | CONFIRMATION DEPOSITORY 3 |
| ED003, KD003, UD003, VD003 | TOTAL NUMBER OF CONFIRMATIONS |

In addition, field ED311 (interest rate CBF p.r.t.), is cancelled as it might be redundant to EV604E as well as sub field GV733C.

# 11. WKN/ISIN Change

## 11.1. Introduction

Each financial instrument is uniquely identifiable by its ISIN and WKN. Both identifiers have a 1:1 relationship to each other. The change of the ISIN (WKN) results in a change of the WKN (ISIN). Exceptions are an incorrect allocation of WKNs and ISINs or if the ISIN is used more than once by a National Numbering Agency or if the National Numbering Agency changes the ISIN due to a different interpretation of the ANNA guidelines.

## 11.2. Functional procedure

### 11.2.1. Delivery identifier 8

With the delivery indicator 8, the cancellation notice of the old ISIN/WKN combination is marked as invalid.

### 11.2.2. List of securities

In order to be able to obtain master data, the customer must write the required ISINs on a list of securities. With regard to the ISIN/WKN change, WM will not introduce an automatism to write the new ISIN/WKN combination on the list of securities automatically.

### 11.2.3. Data delivery

WM will provide a QW-ISIN in the exchange/conversion data (UV302). WM will not deliver data records for this QW-ISIN.

## 11.3. Omission of change procedures

The following reasons for a change of ISIN, are not connected with a change of the financial instrument. These change procedures are deleted because there has been no application them in the past.

| UD008A | Reason | Description |
|---|---|---|
| CO | ISIN change | Name change |
| CP | ISIN change | Certificate exchange |
| CQ | ISIN change | Coupon renewal through certificate exchange |

| UD008A | Reason | Description |
|---|---|---|
| CR | ISIN change | Conversion to no-par shares |
| CS | ISIN change | Scheme of arrangement |
| CT | ISIN change | Conversion to book-entry securities |

## 11.4. Change procedures

The following reasons for a change of ISIN, are not connected with a change of the financial instrument and are identified by the change reasons in variable UD008A

ISIN change without change of the financial instrument

| UD008A | Reason | Description | Status of the old ISIN/WKN combination | Status of the new ISIN/WKN combination |
|---|---|---|---|---|
| CF | ISIN change | The interim ISIN (XC-ISIN) will be replaced by an official ISIN. | 29 Cancellation | 02 New WKN due to conversion or exchange |
| CG | ISIN change | The previously valid ISIN was withdrawn and replaced by the responsible NNA. | 29 Cancellation | 02 New WKN due to conversion or exchange |
| CH | ISIN change | Due to change of name (without exchange of securities) | 29 Cancellation | 02 New WKN due to conversion or exchange |
| CI | ISIN change | Due to the relocation of the headquarters (without exchange of securities) | 29 Cancellation | 02 New WKN due to conversion or exchange |
| CJ | ISIN change | Due to consolidation of share tranches (without exchange of securities) | 29 Cancellation | 02 New WKN due to conversion or exchange |
| CK | ISIN change | The global certificate is held in custody in another country (without exchange of securities) | 29 Cancellation | 02 New WKN due to conversion or exchange |
| CL | ISIN change | The revocation of the ISIN was carried out erroneously and will be changed. | 29 Cancellation | 02 New WKN due to conversion or exchange, 08 Reactivation |

ISIN change

Note: The old QW-ISINs will no longer be assigned to the old WKNs in the case of the following ISIN changes:  This means that the assignment of a QW-ISIN will be omitted for "deleted" WKNs. The instrument data record will be identified in GD100 with the field value 29 (Cancelled) and delivered with the delivery indicator 8.

| UD008A | Reason | Description | Status of the old ISIN/WKN combination | Status of the new ISIN/WKN combination |
|---|---|---|---|---|
| CU | Reactivation | Reactivation of the ISIN | 29 Cancellation | 65 Reactivation |
| CV | WKN/ISIN change | Correction of an ISIN incorrectly allocated to the WKN (WKN remains unchanged) | 29 Cancellation | 05 New WKN due to admission |
| CW | WKN/ISIN change | Correction of an ISIN incorrectly allocated to the WKN (WKN remains unchanged) | 29 Cancellation | 05 New WKN due to admission |
| CX | WKN/ISIN change | ISIN 1 allocated to WKN 1 must be replaced by ISIN 2 allocated to WKN 2. | 29 Cancellation | 05 New WKN due to admission |

## 11.5. Variables

This section lists all variables that are relevant for the business operation ISIN change.

### 11.5.1. Important Variables for the business operation ISIN change.

| Field | Field description | Variable |
|---|---|---|
| UD008A | Exchange reason | Reason for conversion |
| UV217L | WKN post exchange | WKN of the underlying |
| UV217M | ISIN post exchange | ISIN of the underlying |
| UD025 | Ex date | Ex date |
| Old: GV302<br>New: UV302 | MASTER DATA ISIN CHANGE | |

## 11.5.2. Important variables for the business operation master data.

| Fields | Field description | Variable |
|---|---|---|
| GD090 | Effective date | Effective date |
| GD100 | Status | Reason for securities status |
| GV103 | ISIN/WKN until | ISIN/WKN valid until |
| GD153 | ISIN post change | ISIN post ISIN/WKN change |
| GD153A | ISIN post change (reason) | ISIN post change (reason) |
| GD154 | WKN post change | WKN post ISIN/WKN change |
| GD622 | ISIN | ISIN |
| GD622PW | WKN | WKN valid for cross-border securities transactions |

In the future, the exchange reason from UD008A will be made available in addition to the master data of the old ISIN/WKN combination in field GD153A.

## 11.5.3. Variables Relevant for the business operation ISIN Change

| Field | New variables | Field description | Component system_name | Variable system_name |
|---|---|---|---|---|
| UD001 | | Exchange status | ExchStatusInfo | ExchangeStatus |
| ~~UD002~~ | | ~~Quality status~~ | ~~ExchStatusInfo~~ | ~~QualityStatus~~ |
| UD002A | | Content status | ExchStatusInfo | StatusContent |
| UD005 | | Number of options | ExchDefinition | NumberOfExchangeOptions |
| UD006A | UV213B | ECPOffering | ExchDefinition | ECPOffering |

| Field | New variables | Field description | Component system_name | Variable system_name |
|---|---|---|---|---|
| UD007 | UD007C | Exchange/compensation/payment mode | ExchDefinition | ExchCompPaymMode |
| | UD007D | Exchange/compensation/payment entry | ExchDefinition | ExchCompPaymPosting |
| UD008A | | Exchange reason | ExchType | ExchangeReason |
| UD010A | UV217D or UV255D | EXCHANGE/CONVERSION RATIOS - CURRENCY/UNIT/TOKEN RATIO NUMERATOR | ExchRatios | ConvRatioCUTNumerator |
| UD010D | UV217B or UV255B | EXCHANGE/CONVERSION RATIOS - RATIO NUMERATOR GERMAN | ExchRatios | ConvRatioNumeratorGerman |
| UD011A | UV217G or UV255G | Exchange/conversion ratios - currency/unit/token ratio denominator | ExchRatios | ConvRatioCUTDenominator |
| UD011D | UV217E or UV255E | Exchange/conversion ratios - ratio denominator German | ExchRatios | ConvRatioDenominatorGerman |
| UD021 | UV217L or UV255M | Instrument post conversion WKN | ExchRatios | InstrPostConvWKN |
| UD021PI | UV217M or UV255N | Instrument post conversion ISIN | ExchRatios | nstrPostConvISIN |
| UD025 | | Ex date | ExchRecordDates | ExDate |
| UV025A | | Dev.ex-stoc.ex | ExchRecordDates | DevExchange |
| UV025B | | Deviat. ex date | ExchRecordDates | DevExDate |

| Field | New variables | Field description | Component system_name | Variable system_name |
|---|---|---|---|---|
| UD034 | | Detachment date | ExchRecordDates | DetachmentDate |
| UD078 | | Exercise type | ExchSubmissionMethods | ExerciseType |
| UD087 | UV254 | Corporate events tax | ExchTaxation | CorpEventsTax |
| | UV254A | Consectuve number | ExchTaxation | ConsecNo |
| | UV254B | Corporate event idententifier (annual certificate) | ExchTaxation | CorpEventIdent |
| ~~UD099~~<br><br>Internal field of WM | | ~~Notice in WMT~~ | ~~ExchStatusInfo~~ | ~~CustomerNotificationWMT~~ |
| UD190 | | CustAccInform. | ExchStatusInfo | CustomerNotification |
| | UV302 | MASTER DATA ISIN-CHANGE | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange |
| | UV302A | MASTER DATA ISIN STATUS | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange.MasterdataNewISINWKNRelationISINChangeInstrStatusReason |
| | UV302B | MASTER DATA ISIN SECURITY LONG DESCRIPTION 1 | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange.MasterdataNewISINWKNRelationISINChangeIssuerName |
| | UV302C | MASTER DATA ISIN SECURITY LONG DESCRIPTION 2 | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange.MasterdataNewISINWKNRelationISINChangeLongName |
| | UV302D | MASTER DATA ISIN BEARER/REGISTERED | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange.MasterdataNewISINWKNRelationISINChangeRegistrationType |
| | UV302E | MASTER DATA ISIN CURRENCY | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange.MasterdataNewISINWKNRelationISINChangeSettlementCurrency |

| Field | New variables | Field description | Component system_name | Variable system_name |
|---|---|---|---|---|
| | UV302F | MASTER DATA ISIN PRODUCT. | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange.MasterdataNewISINWKNRelationISINChangeProductGroup |
| | UV302G | MASTER DATA ISIN INSTRUMENT | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange.MasterdataNewISINWKNRelationISINChangeInstrumentType |
| | UV302H | QW-ISIN (ISIN/WKN CHANGE) | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange.MasterdataNewISINWKNRelationISINChangeQWISINWKN |
| | UV302I | DE ticker symbol | ISINChangeConversion | MasterdataNewISINWKNRelationISINChange.MasterdataNewISINWKNRelationISINChangeMasterdataNewISINWKNRelationISINChangeInstrDE_TickerSymbol |
| | GD153A | ISIN POST CHANGE (REASON) | InstrumentIdentifier | ISINPostISINWKNChangeReason |

Note:

Partially, known GD fields will be replaced by new variables or newly added. In addition, there is a differentiation in the delivery formats, see chapter 8.5.

The newly created UV fields (UV302) provide an overview of the master data of the new ISIN/WKN combination.

Some fields will be replaced. You find the new variables in the column “New variables.”

Example: UD021PI will be replaced in UV217M. UD021 will be replaced in UV217L.

| Field | Name | Description |
|---|---|---|
| UV302 | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE)<br><br>These corresponding linkage fields provide an overview of the new ISIN/WKN combination |

| Field | Name | Description |
|---|---|---|
| UV302A | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) REASON FOR THE STATUS | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) REASON FOR THE STATUS<br><br>This field contains the reason for the status of the security. The value of GD100 of the new ISIN/WKN combination is provided in this linkage field. Table G54 of field GD100 |
| UV302B | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) SECURITY LONG DESCRIPTION 1 | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) SECURITY LONG DESCRIPTION 1<br><br>This field contains in 30 characters the 2nd half of the 60 character long description of the security. The long description (1) contains the issuer name of the security. The value of GD270A of the new ISIN/WKN combination is provided in this linkage field. |
| UV302C | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) SECURITY LONG DESCRIPTION 2 | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) SECURITY LONG DESCRIPTION 2<br><br>This field contains in 30 characters the 2nd half of the 60 character long description of the security. The long description (2) contains the instrument description, in the case of fixed-interest securities without interest rate and without interest date, but with issue and final maturity year as well as start of redemption or debtor call option. The value from GD270B of the new ISIN/WKN combination is provided in this linkage field. |
| UV302D | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) BEARER/REGISTERED SECURITIES | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) BEARER/REGISTERED SECURITIES<br><br>This indicator shows whether the instrument is issued as a bearer or registered security.<br><br>In the case of registered securities, it can also be seen whether they are listed under the term "German certificates". The value of GD483 of the new ISIN/WKN combination is provided in this linkage field. |

| Field | Name | Description |
|---|---|---|
| UV302E | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) SETTLEMENT CURRENCY ISO 4217 | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) SETTLEMENT CURRENCY ISO 4217<br><br>This field contains the currency in which OTC trades are usually settled. The settlement currency corresponds to the currency in field GD170 CUSTODY AND SETTLEMENT CURRENCY/UNIT/TOKEN. This does not apply to funds whose unit classes in GD172 may have a settlement currency that differs from the base currency of the fund in GD170. The value of GD172 of the new ISIN/WKN combination is provided in this linkage field. Table W2 of GD172. |
| UV302F | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) PRODUCT SEGMENTATION | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) PRODUCT SEGMENTATION<br><br>This field contains the instrument type for the product and instrument segmentation. The value of GD198B of the new ISIN/WKN combination is provided in this linkage field. Table GE9 of field GD198B. |
| UV302G | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) INSTRUMENT TYPE | MASTER DATA NEW ISIN/WKN COMBINATION (ISIN CHANGE) INSTRUMENT TYPE<br><br>This field contains the instrument type for the product and instrument segmentation. The value of GD198C of the new ISIN/WKN combination is provided in this linkage field. Table GF1 of field GD198C. |
| UV302H | QW-ISIN (ISIN/WKN change) | QW-ISINs are issued in the context of the ISIN-WKN change. The QW-ISIN is provided for the internal record keeping of the financial institutions. WM will not deliver a data record for these QW-ISINs. |
| UV302I | DE ticker symbol | This field contains the ticker symbol for financial instruments listed on German stock exchanges |

## 11.6. Description of the master data set

### 11.6.1. Cancellation of the old ISIN/WKN master data record

The old ISIN/WKN combination is assigned the field value "29 Cancellation" in GD100. The field values 81 (inactive due to ISIN change) or 84 (deletion WKN/ISIN) are no longer used in connection with these change operations. The new ISIN/WKN combination is referenced in variables GD153 and GD154. The cancelled master data record of the old ISIN/WKN combination is delivered in its entirety and is assigned delivery indicator 8. In addition to the master data records of the old ISIN-/WKN combination, the following segments are also delivered with delivery identifier 8:

- G – Master data
- E – Income data
- K – Corporate actions
- V - Drawing
- H – General meetings
- U – Conversion/exchanges
- R – Computation fields
- X – Stocks/futures/exchanges and trading practing (OHC data)

### 11.6.2. Provision of the new ISIN/WKN master data record "ISIN change without change of financial instrument"

The new ISIN/WKN combination is provided with field values 02 in status GD100. In the new ISIN/WKN combination, the old ISIN/WKN combination is referenced in variable GV103.

### 11.6.3. Provision of the new ISIN/WKN master data record "ISIN reactivation”

The new ISIN/WKN combination is provided with field value 65 in status GD100. In the new ISIN/WKN combination, the old ISIN/WKN combination is referenced in variable GV103

### 11.6.4. Provision of the new ISIN/WKN master data record "ISIN change variation"

The new ISIN/WKN combination is provided with field value 05 in status GD100. In the new ISIN/WKN combination, reference is made to the old ISIN/WKN combination in variable GV103.

## 11.7. Provision of lifecycle data

### 11.7.1. Corporate Actions

For ISIN/WKN changes without a change of the financial instrument, corporate action data already delivered under the old ISIN/WKN combination are transferred to the new ISIN/WKN combination, provided that an ex-date of the corporate action is after the ex-date of the ISIN/WKN change and/or its "period from..." is less than 180 calendar days from the EX-ISIN/WKN change is not completed. A corporate action is not completed if the field value 01 – Announced is depicted in UD001.

This procedure is especially intended for the change operations CF, CG, CH, CI, CJ, CK, CL

The following examples illustrate the procedure. It must be taken into account that a fictitious ex-date of the ISIN-WKN change is today.

Example 1:

| Example Income Data<br>A0M67R – JP3831550003 | | |
|---|---|---|
| ED006<br>ED007 | DIVIDEND TYPE<br>Ex date | 10 Regular dividend<br>29.12.2021 |

As the ex-date is in the future, the record data is transferred to the new ISIN-/WKN combination.

Example 2:

| Example Merger<br>898536 - US8119041015 | | |
|---|---|---|
| UD008A<br>UD025 | Exchange reason<br>Ex date | 01 Tender offer<br>16.04.2021 |

As the ex-date is in the past, the record data is not transferred to the new ISIN-/WKN combination.

Example 3:

| Example Reverse Split<br>A1CTHX - AU000000SBU1 | | |
|---|---|---|
| UD008A<br>UD025 | Exchange reason<br>Ex-date | AA Reverse split<br>12.07.2021 |

As the ex-date is in the past, the record data is not transferred to the new ISIN-/WKN combination.

Example 4:

| Example Tender Offer<br>A1CTHX - AU000000SBU1 | | |
|---|---|---|
| UD008A<br>UD016A | Exchange reason<br>Offer Period from | 01 Tender offer<br>26.04.2021 |

The procedure is not completed. The data record is therefore transferred to the new ISIN-/WKN combination.

Note:

Cancellation of the corresponding messages in the old ISIN/WKN combination are provided with the field value T (cancellation due to ISIN change) in the variables ED001, BD001, KD001, HD001, UD001, VD001. This includes especially the changes CF, CG, CH, CI, CJ, CK, CL.

### 11.7.2. Special cases ISIN/WKN changes CV, CW, CX

Corrections or additions of data are described by means of a matrix and are named in item 10.9 under the old ISIN/WKN combination.

### 11.7.3. Stock market data

In all data records that show an exchange trade, the delisting is delivered under the old ISIN/WKN combination with the reason "Delisting due to ISIN_change" (XD030 = W).

## 11.8. Correction of an incorrect ISIN/WKN change

The old and erroneously cancelled ISIN/WKN combination is activated with field value "08 Reactivation" in status GD100. The erroneously new ISIN/WKN combination is changed back by using CL as ISIN change reason (ISIN change without change of the financial instrument). See delivery example ISIN change without change of the financial instrument.

Note:

Under these circumstances it may occur that for the activated ISIN/WKN combination (GD100 = 08) a new cancellation of the instrument with the delivery indicator 8 will be necessary. Such a situation can arise if the ISIN/WKN combination is actually no longer valid at a certain point in time.

In addition, the ISIN/WKN combination activated by mistake is marked with the delivery indicator 8 and GD100 = 29.

## 11.9. Matrix for the data provision with example:

| | |
|---|---|
| Example/ initial situation: | A financial instrument was so far listed under WKN 111111 and ISIN DE0001111117.<br><br>With the ex-date 15.04.2022 an ISIN-/WKN change will take place. As an example, the change reason CV (exchange due to correction of an ISIN incorrectly assigned to the WKN (WKN remains unchanged) is given.<br><br>Under the previous ISIN-/WKN combination, there is already corporate actions data available (e.g. income report and conversion report). The ex-date of this corporate actions data is in the past and therefore before the ex-date of the ISIN-WKN change. In addition, there are fund prices, JV data and OHC data under the previous ISIN/WKN combination. |

| | G - Master data record | E - Income data (event data) | U - Conversions and exchanges (event data) | I - Fund prices (price data) | J - MiFID key figures (price data) | R - Computation fields (e.g. RD003 or RV001) | X - Stock/futures exchanges and trading practices (OHC) |
|---|---|---|---|---|---|---|---|
| | WKN: 111111 \| ISIN: DE0001111117 | WKN: 111111 \| ISIN: DE0001111117 BID: 123456789012 /ex-date: 13.03.2022 / ED001 = 3 (valid - approved) | WKN: 111111 \| ISIN: DE0001111117 BID: 987654321012 / ex-date: 28.12.2021 / UD001 = "2" | WKN: 111111 \| ISIN: DE0001111117 ID901 since 01.01.2021 | WKN: 111111 \| ISIN: DE0001111117 JV001 since 01.02.2021 | WKN: 111111 \| ISIN: DE0001111117 | WKN: 111111 \| ISIN: DE0001111117 BID: A12345678901 |
| **CV change procedure** | **ISIN /WKN change: reason for CV (conversion/exchange due to an ISIN wrongly allocated to a WKN (the WKN remains unchanged)).<br>New ISIN: DE0002222228<br>Ex date: 15.04.2022<br>New combination: WKN 111111 und ISIN DE0002222228<br>Old combination: WKN 111111 und ISIN DE0001111117** | | | | | | |
| **Feature** | ./. | The event data ex date is before the ISIN-WKN change, **but within 180 days** | The event data ex date is also before the ISIN-WKN change, **but falls outside of 180 days** | Event data before the ISIN-WKN-change ex date | Price data before the ISIN-WKN change ex date | ./. | ./. |
| Data delivery on the day of the ISIN/WKN change, i.e. on 17 April 2022 | #1: Cancellation of the old combination:<br>WKN: 111111 \| ISIN: DE0001111117<br>GD100=29<br>Cancellation identifier (LKZ) = 8 | #1: Cancellation of the previous data records<br>WKN: 111111 \| ISIN: DE0001111117<br>BID: 123456789012 / Ex-Date: 13.03.2022 / **ED001 = T**<br>Cancellation identifier (LKZ) = 8 | The previous event data records are not delivered / cancelled as the ex date is older than 180 days.<br>This means that the event data records with the old ISIN-/WKN combination remain valid in the system with UD001 = 2. | There will be no redelivery of the price data previously delivered under the old ISIN-/WKN combination. | There will be no redelivery of the price data previously delivered under the old ISIN-/WKN combination. | #1: Cancellation of the old combination:<br>WKN: 111111 \| ISIN: DE0001111117<br>Cancellation identifier (LKZ) = 8 | #1: Cancellation of all OHC data records still valid under the old ISIN-/WKN combination:<br>WKN: 111111 \| ISIN: DE0001111117<br>BID: A12345678901<br>XD030 = "W"<br>Cancellation identifier (LKZ) = 8 |
| | #2 Full delivery under new combination:<br>WKN: 111111 \| ISIN: DE0002222228 =><br>GD100=05<br>Cancellation identifier (LKZ) = Blank with all previous master data fields | #2: Full delivery under new combination as the ex date is <= 180 days<br>* WKN: 111111 \| ISIN: DE0002222228<br>BID: 000000000001 / ex date: 13.03.2022 / **ED001 = 3**<br>Cancellation identifier (LKZ) = 3 | | Only new prices are published under the new WKN / ISIN combination:<br>WKN: 111111 \| ISIN: DE0002222228<br>ID901 from 15.04.2022 | Only new data is published under the new WKN / ISIN combination<br>WKN: 111111 \| ISIN: DE0002222228<br>JV001 from 15.04.2022 | #2: Full delivery under new combination<br>WKN: 111111 \| ISIN: DE0002222228<br>Cancellation identifier (LKZ) = Blank with all previous RD and RV data fields | #2: Full delivery af all OHC data records still valid under the new ISIN/WKN combination<br>WKN: 111111 \| ISIN: DE0002222228<br>BID: A22222222222 (new BID)<br>Cancellation identifier (LKZ) = Blank<br>XD001 = "1" and all previous XD and XV data fields |

## 11.9.1. Matrix for the data provision: ISIN/WKN change Reason CW, CV, CX

This overview describes the operations described in item 11.7.1. in a structured way.

| | G - Master data record | Event data with ex date greater than or equal to WKN/ISIN change | Event data with ex date lesser than WKN/ISIN change | Price data greater than or equal to WKN/ISIN change date | Price data lesser than WKN/ISIN change date | R - computation (e.g. RD003 or RV001) | X - Stock/futures exchanges and trading pratices (OHC) |
|---|---|---|---|---|---|---|---|
| Reason<br>**Delivery / Business transaction** | CW, CV, CX.<br>The special feature in this case is that the **financial instrument remains**, but there is at least one overlap. This means that the financial instrument with WKN 1 and ISIN 1 will keep one of the two identification features after the exchange. | | | | | | |
| Cancellation under **old** WKN/ISIN | Yes | Yes | No | not relevant | No | Yes | Yes |
| New dielivery under **new** WKN/ISIN | Yes | Yes | No | Yes | No | Yes | Yes |
| Transfer of old data to new WKN/ISIN combination | Yes,<br>see new delivery | Yes | No | - | No | Yes,<br>see new delivery | Yes,<br>see new delivery |
| Corrections for **data before WKN/ISIN change** under **old** WKN/ISIN change combination | not relevant, because no time series | No | Yes | not relevant | Yes | not relevant, because no time series | not relevant, because no time series |
| Corrections for **data before WKN/ISIN change** under **new** WKN/ISIN change combination | not relevant, because no time series | Yes | No | Yes | No | not relevant, because no time series | not relevant, because no time series |

## 11.9.2. Matrix for the data provision: ISIN/WKN change Reason CF, CG, CH, CI, CJ, CK, CL

This overview describes the operations described in item 11.7.1. in a structured way.

| | G - Master data record | Event data with ex date greater than or equal to ISIN/WKN change | Event data with ex date lesser than ISIN/WKN change | Price data greater than or equal to ISIN/WKN change date | Price data lesser than ISIN/WKN change date | R - Computation fields (e.g., RD003 or RV001) | X - Stock/futures exchanges and trading practices (OHC) |
|---|---|---|---|---|---|---|---|
| Reason<br>**Delivery / Business transaction** | CF, CG, CH, CI, CJ, CK, CL<br>The special feature here is that the **financial instrument remains**, but it receives both a new WKN and a new ISIN. | | | | | | |
| Cancellation under **old** WKN/ISIN | Yes | Yes | No | not relevant | No | Yes | Yes |
| New delivery under **new** WKN/ISIN | Yes | Yes | No | Yes | No | Yes | Yes |
| Transfer of old data to new WKN/ISIN combination | Yes,<br>see new delivery | Yes | No | - | No | Yes,<br>see new delivery | Yes,<br>see new delivery |
| Corrections for **data before WKN/ISIN change** under **old** WKN/ISIN change combination | not relevant, because no time series | No | Yes | not relevant | Yes | not relevant, because no time series | not relevant, because no time series |
| Corrections for **data before WKN/ISIN change** under **new** WKN/ISIN change combination | not relevant, because no time series | Yes | No | Yes | No | not relevant, because no time series | not relevant, because no time series |

## 11.9.3. Matrix for the data provision: ISIN/WKN change Reason CU

This overview describes the operations described in item 11.7.1. in a structured way.

| | G - Master data record | Event data with ex date greater than or equal to WKN/ISIN change | Event data with ex date lesser than WKN/ISIN change | Price data greater than or equal to WKN/ISIN change date | Price data lesser than WKN/ISIN change date | R - computation (e.g. RD003 or RV001) | X - Stock/futures exchanges and trading pratices (OHC) |
|---|---|---|---|---|---|---|---|
| Reason<br><br>**Delivery / Business transaction** | CU<br>The special feature in this case is that the financial instrument changes (e.g. Australian securities) and the same ISIN is included in the database as a further financial instrument under a different, new WKN.<br>Earlier (VF1 Alt) the former financial instrument (WKN alt) received a QW-ISIN in this case. With EDDY_neu, the ISIN allocated to the former financial instrument remains identical. The two differ now by their WKN. | | | | | | |
| Cancellation under **old** WKN/ISIN | Yes | No, **if the event data record concerned an old financial instrument.** Yes, **if the event data record concerned a new finanancial instrument.** | No | not relevant | No | Yes | Yes |
| New dielivery under **new** WKN/ISIN | Yes | Yes, **if the event data record concerned a new finanancial instrument.** | No | Yes | No | Yes | Yes |
| Transfer of old data to new WKN/ISIN combination | No, they are two different Financial instruments | Dependent on whether the event data record concerns a new financial instrument | No | - | No | Yes,<br>see new delivery | Yes,<br>see new delivery |
| Corrections for **data before WKN/ISIN change** under **old** WKN/ISIN change combination | not relevant, because no time series | No | Yes | not relevant | Yes | not relevant, because no time series | not relevant, because no time series |
| Corrections for **data before WKN/ISIN change** under **new** WKN/ISIN change combination | not relevant, because no time series | Yes | No | Yes | No | not relevant, because no time series | not relevant, because no time series |

## 11.10. Delivery examples

### 11.10.1. Delivery example for an ISIN change without change of financial instrument

| 1. Initiating of the ISIN change - 01.03.2021 | | |
|---|---|---|
| WKN A2PEVX / ISIN US56585W4015 | | |
| | Delivery identifier Blank | |
| UD008A | Exchange reason | CH |
| UV217L for VFX | WKN post exchange | A2QQBE |
| UV217M for VFX | ISIN post exchange. | US5657881067 |
| UV255M for VF1 | Post conversion instrument WKN | A2QQBE |
| UV255N for VF1 | Post conversion instrument ISIN | US5657881067 |
| UD025 | Ex date | 03.03.2021 |
| UV302 | MASTER DATA ISIN CHANGE | |

Note: In each lifecycle message, the linkage UV302 shows the corresponding master data of the new ISIN/WKN combination.

2. Delivery of the cancellation notice - delivery date 02.03.2021

WKN A2PEVX / ISIN US56585W4015

| | | |
|---|---|---|
| | Delivery identifier 8 | |
| GD090 | Effective date | Date UD025 |
| GD100 | Status | 29 Cancellation |
| GV103 | ISIN old | |
| | WKN old | |
| | Date | |
| | Reason for the change | |
| GD153 | ISIN post change | US5657881067 |
| GD153A | ISIN post change (reason) | CH |

| | | |
|---|---|---|
| GD154 | WKN post change | A2QQBE |
| GD622 | ISIN | US56585W4015 |
| GD622PW | WKN | A2PEVX |

| 3. Delivery of the new and valid WKN/ISIN combination – delivery date02.03.2021 | | |
|---|---|---|
| WKN A2QQBE / ISIN US5657881067 | | |
| | Delivery identifier Bank | |
| GD090 | Effective date | |
| GD100 | Status | 02 New WKN due to conversion or exchange |
| GV103 | ISIN old | US56585W4015 |
| | WKN old | A2PEVX |
| | Date | 02.03.2021 |
| | Exchange reason | CH |

| 3. Delivery of the new and valid WKN/ISIN combination – delivery date02.03.2021 | | |
|---|---|---|
| GD153 | ISIN post change | |
| GD154 | WKN post change | |
| GD622 | ISIN | US5657881067 |
| GD622PW | WKN | A2QQBE |

Note: The delivery of the cancellation report for the old ISIN/WKN combination and the delivery of the master data for the new ISIN-WKN combination are delivered on the same day. This is to ensure that all information is available in time for the ex-date.

## 11.10.2. ISIN Reactivation

| 1. Initiation of the ISIN change - 01.03.2021 | | |
|---|---|---|
| WKN A1U7EY / ISIN US48246TWP01 | | |
| | Delivery identifier Blank | |
| UD008A | Exchange reason | CU |
| UV217L for VFX | WKN post exchange | A1V58W |
| UV217M for VFX | ISIN post exchange. | US48246TWP01 |
| UV255M for VF1 | Post conversion instrument WKN | A1V58W |
| UV255N for VF1 | Post conversion instrument ISIN | US48246TWP01 |
| UD025 | Ex-date | 03.03.2021 |
| UV302 | MASTER DATA ISIN CHANGE | |

Note: In each lifecycle message, the linkage UV302 shows the corresponding master data of the new ISIN/WKN combination.

| 2. Delivery of the cancellation notice – delivery date 02.03.2021 | | |
|---|---|---|
| WKN A1U7EY / ISIN US48246TWP01 | | |
| | Delivery identifier 8 | |
| GD090 | Effective date | Date UD025 |
| GD100 | Status | 29 Cancellation |
| GV103 | ISIN old | |
| | WKN old | |

| 2. Delivery of the cancellation notice – delivery date 02.03.2021 | | |
|---|---|---|
| | Date | |
| | Reason for the change | |
| GD153 | ISIN post change | US48246TWP01 |
| GD153A | ISIN post change (reason) | CU |
| GD154 | WKN post change | A1V58W |
| GD622 | ISIN | US48246TWP01 |
| GD622PW | WKN | A1U7EY |

| 3. Delivery of the new valid WKN/ISIN combination - delivery date 02.03.2021 | | |
|---|---|---|
| WKN A1V58W / ISIN US48246TWP01 | | |
| | Delivery identifier Blank | |
| GD090 | Effective date | |
| GD100 | Status | 65 Reactivation |
| GV103 | ISIN old | US48246TWP01 |
| | WKN old | A1U7EY |
| | Date | 02.03.2021 (T-1) |
| GD153 | ISIN post change | |
| GD154 | WKN post change | |

| 3. Delivery of the new valid WKN/ISIN combination - delivery date 02.03.2021 | | |
|---|---|---|
| GD622 | ISIN | US48246TWP01 |
| GD622PW | WKN | A1V58W |

Note: The delivery of the cancellation report for the old ISIN/WKN combination and the delivery of the master data for the new ISIN-WKN combination are delivered on the same day. This is to ensure that all information is available in time for the ex-date.

## 11.10.3. ISIN change - correction of an ISIN incorrectly assigned to the WKN (WKN remains unchanged)

| 1. Initiation of the ISIN change - 27.08.2020 | | |
|---|---|---|
| WKN A3GKMR / ISIN XS1628321827 | | |
| | Delivery identifier Blank | |
| UD008A | Exchange reason | CV |
| UV217L for VFX | WKN post exchange | A3GKMR |
| UV217M for VFX | ISIN post exchange. | XS1512136422 |
| UV255M for VF1 | Post conversion instrument WKN | A3GKMR |
| UV255N for VF1 | Post conversion instrument ISIN | XS1512136422 |
| UD025 | Ex-date | 31.08.2020 |
| UV302 | MASTER DATA ISIN CHANGE | |

Note: In each lifecycle message, the linkage UV302shows the corresponding master data of the new ISIN/WKN combination.

| 2. Delivery of the cancellation notice – delivery date 28.08.2020 | | |
|---|---|---|
| WKN A3GKMR / ISIN XS1628321827 | | |
| | Delivery identifier 8 | |
| GD090 | Effective date | Date UD025 |
| GD100 | State | 29 Cancellation |
| GV103 | ISIN old | |
| | WKN old | |
| | Date | |
| | Reason for the change | |
| GD153 | ISIN post change | XS1512136422 |
| GD153A | ISIN post change (reason) | CV |
| GD154 | WKN post change | A3GKMR |
| GD622 | ISIN | XS1628321827 |
| GD622PW | WKN | A3GKMR |

| 3. Delivery of the new and valid WKN/ISIN combination - delivery date29.08.2020 | | |
|---|---|---|
| Combination WKN A3GKMR / ISIN XS1512136422 | | |
| | Delivery identifier Blank | |
| GD090 | Effective date | |

| 3. Delivery of the new and valid WKN/ISIN combination - delivery date29.08.2020 | | |
|---|---|---|
| GD100 | Status | 05 New WKN due to admission |
| GV103 | ISIN old | XS1628321827 |
| | WKN old | A3GKMR |
| | Date | 30.08.2021 (T-1) |
| | Reason for the change | CV |
| GD153 | ISIN post change | |
| GD154 | WKN post change | |
| GD622 | ISIN | XS1512136422 |
| GD622PW | WKN | A3GKMR |

## 11.10.4. ISIN change - correction of a WKN incorrectly assigned to the ISIN (ISIN remains unchanged)

| 1. Initiation of the ISIN change - 09.03.2020 | | |
|---|---|---|
| WKN A255CX / ISIN XS2133218201 | | |
| | Delivery identifier Blank | |
| UD008A | Exchange reason | CW |
| UV217L for VFX | WKN post exchange | A2TEFP |
| UV217M for VFX | ISIN post exchange. | XS2133218201 |
| UV255M for VF1 | Post conversion instrument WKN | A2TEFP |

| 1. Initiation of the ISIN change - 09.03.2020 | | |
|---|---|---|
| UV255N for VF1 | Post conversion instrument ISIN | XS2133218201 |
| UD025 | Ex-date | 11.03.2020 |
| UV302 | MASTER DATA ISIN CHANGE | |

Note: In each lifecycle message, the link UV302 shows the corresponding master data of the new ISIN/WKN combination.

| 2. Delivery of the cancellation notice – delivery date 10.03.2020 | | |
|---|---|---|
| WKN A255CX / ISIN XS2133218201 | | |
| | Delivery identifier 8 | |
| GD090 | Effective date | Date UD025 |
| GD100 | Status | 29 Cancellation |
| GV103 | ISIN old | |
| | WKN old | |
| | Date | |
| | Reason for the change | |
| GD153 | ISIN post change | XS2133218201 |
| GD153A | ISIN post change (reason) | CW |
| GD154 | WKN post change | A2TEFP |
| GD622 | ISIN | XS2133218201 |
| GD622PW | WKN | A255CX |

| 3. Delivery of the new and valid WKN/ISIN combination - delivery date 11.03.2020 | | |
|---|---|---|
| Combination WKN A2TEFP / ISIN XS2133218201 | | |
| | Delivery identifier Blank | |
| GD090 | Effective date | |
| GD100 | Status | 05 New WKN due to admission |
| GV103 | ISIN old | XS2133218201 |
| | WKN old | A255CX |
| | Date | 10.03.2020 (T-1) |
| | Reason for the change | CW |
| GD153 | ISIN post change | |
| GD154 | WKN post change | |
| GD622 | ISIN | XS2133218201 |
| GD622PW | WKN | A2TEFP |

## 11.10.5. ISIN change - cross correction, ISIN 1 assigned to WKN 1 must be replaced by ISIN2 assigned to WKN 2.

| 1. Initiation of ISIN change - 11.10.2017 | | |
|---|---|---|
| WKN A2HC6A / ISIN XS1630603022 | | |
| | Delivery identifier Blank | |

| 1. Initiation of ISIN change - 11.10.2017 | | |
|---|---|---|
| UD008A | Exchange reason | CX |
| UV217L for VFX | WKN post exchange | A2HC6A |
| UV217M for VFX | ISIN post exchange. | XS1630602990 |
| UV255M for VF1 | Post conversion instrument WKN | A2HC6A |
| UV255N for VF1 | Post conversion instrument ISIN | XS1630602990 |
| UD025 | Ex-date | 16.10.2017 |
| UV302 | MASTER DATA ISIN CHANGE | |

Note: In each lifecycle message, the linkage UV302 shows the corresponding master data of the new ISIN/WKN combination.

| 1. Initiation of ISIN change - 11.10.2017 | | |
|---|---|---|
| WKN A2HC6B / ISIN XS1630602990 | | |
| | Delivery identifier Blank | |
| UD008A | Exchange reason | CX |
| UV217L for VFX | WKN post exchange | A2HC6B |
| UV217M for VFX | ISIN post exchange. | XS1630603022 |
| UV255M for VF1 | Post conversion instrument WKN | A2HC6B |
| UV255N for VF1 | Post conversion instrument ISIN | XS1630603022 |
| UD025 | Ex-date | 16.10.2017 |
| UV302 | MASTER DATA ISIN CHANGE | |

Note: In each lifecycle message, the linkage UV302 shows the corresponding master data of the new ISIN/WKN combination.

| 2. Delivery of the cancellation notice – delivery date 12.10.2017 | | | |
|---|---|---|---|
| WKN A2HC6A / ISIN XS1630603022 | | | |
| WKN A2HC6B / ISIN XS1630602990 | | | |
| | Delivery identifier 8 | WKN A2HC6A / ISIN XS1630603022 | WKN A2HC6B / ISIN XS1630602990 |
| GD090 | Effective date | Date UD025 | Date UD025 |
| GD100 | Status | 29 Cancellation | 29 Cancellation |
| GV103 | ISIN old | | |
| | WKN old | | |
| | Date | | |
| | Reason for the change | | |
| GD153 | ISIN post change | XS1630603022 | XS1630602990 |
| GD153A | ISIN post change (reason) | CX | CX |
| GD154 | WKN post change | A2HC6B | A2HC6A |
| GD622 | ISIN | XS1630603022 | XS1630602990 |
| GD622PW | WKN | A2HC6A | A2HC6B |

| 3. Delivery of the new and valid WKN/ISIN combination – delivery date 13.10.2017 |
|---|
| WKN A2HC6A / ISIN XS1630602990 |
| WKN A2HC6B / ISIN XS1630603022 |

| 3. Delivery of the new and valid WKN/ISIN combination – delivery date 13.10.2017 | | | |
|---|---|---|---|
| | Delivery identifier Blank | WKN A2HC6A / ISIN XS1630602990 | WKN A2HC6B / ISIN XS1630603022 |
| GD090 | Effective date | | |
| GD100 | Status | 05 New WKN due to admission | 05 New WKN due to admission |
| GV103 | ISIN old | XS1630603022 | XS1630602990 |
| | WKN old | A2HC6A | A2HC6B |
| | Date | 15.10.2017 (T-1) | 15.10.2017 (T-1) |
| | Reason for the change | CX | CX |
| GD153 | ISIN post change | | |
| GD154 | WKN post change | | |
| GD622 | ISIN | XS1630602990 | XS1630603022 |
| GD622PW | WKN | A2HC6A | A2HC6B |

# 12. MTSUWO

The field MTSUWO was initially created in 2003. It is a simplification of the search for issuers and was established to spare data recipients to create their own search algorithm. To our knowledge, after more than 17 years, data recipients have already replaced this outdated representation of search parameters with more modern and sustainable search algorithms.

Furthermore, the issuer name is currently depicted in the field MD031. The configuration of the field allows a maximum length of 80 characters. This was another reason for opening the MTSUWO as the entire name is visible there in full length.

Under EDDy_neu the full name is depicted in a new field according to the commercial register and/or official documents:

- Field ID: MD851U
- Componant.Variable: LegalEntityData.EntityLegalName

In our opinion, the new field fully represents the information required to search the name.

In addition to the name of the issuer, the domicile of the issuer's registered office is also represented in the MTSUWO. The corresponding field MD051 is limited to 40 characters. Analogous to MD031, this information will be depicted in a new field in the future:

- Feld ID: MV863D
- Componant.Variable: Addresses.Place

In order to avoid redundant data, to reduce the size of the data feed and to replace it with modern search algorithms, there is no need to continue using MTSUWO under EDDy_neu. The corresponding field MD051 is limited to 40 characters. Analogous to MD031, this information will also be depicted in the future in addition to MD051, in a new field and/or fields:

- iField-ID: "Place" ("corresponding" field ID: MV863D) in format VFX and/or MV864D, MV864E and MV864F in format VF1
- Baustein.Variable: Addresses.Place

In order to avoid redundant data, to reduce the size of the data feed as well as to replace it by modern search algorithms, it is not necessary to continue to the use of MTSUWO under EDDy_neu

# 13. Pre-Notification

Currently, the publication of income on interest payments and of final maturity notifications for bonds and certificates is uniformly carried out approximately six to eight weeks before their (coupon) maturity.

Event data derived from the master data will continue to be published in EDDy_neu six to eight weeks before (coupon) maturity:

- Income on fixed-income securities and on securities with pro-rated interest rates
- Event data notices on final maturity
- Partial redemptions according to the redemption schedule

For income reporting of floating rate notes, event dependent securities etc. the following changes will be made under EDDy_neu:

Irrespective of the payment frequency, the publication of the income reports will be carried out simultaneously with the update of the interest rate information in the master data (initiated by external sources). For example, for floaters with an interest rate fixed before the start of the period and a quarterly or annual payment frequency, the income reports will now be published approximately two or ten months earlier than today.

# 14. WKN/ ISIN Quotas

For existing customers, there will be no change in the provision of WKN/ISIN quotas. As soon as issuers have used up existing ISIN / WKN quotas, new quotas can be purchased in the same

way as hitherto. However, grandfathering does not apply to customers who make use of this service for the first time after 1 January 2022.

# 15. Company affiliations

Company affiliations continue to be provided at issuer and instrument level. The previous fields in Segment M and Segment G will be deactivated and replaced by new fields (see also chapter Information/fields are deactivated in Segment M and replaced by new fields in Segment M).

Company affiliations are currently presented at the financial instrument level in GV646. This field will be replaced by GV065 for the delivery in VFX format or by GV069 for the delivery in VF1 format.

In addition to the current presentation, the country of domicile is provided in addition to the affiliation type (immediate/national/global parent, the name of the affiliated company and the issuer number (EKN), the customer number and the LEI is delivered. EKN and customer number are only delivered, if the company exists in the customer database. In this case - if available - the LEI is also supplied.

For the previously provided keys for the identification of the company affiliation "2-immediate parent to the issuer", "3 nationwide highest parent to the issuer " and "4- globally highest parent to the issuer", the keys "U"„"L" and „W" are now provided instead (see tables below). The information "1-issuer of security" will be cancelled.

Company affiliations at the level of financial instruments are depicted in the variable Affil. Sec. 18 Stock Corporation Act (corresponding field ID: GV065 (VFX Format) or GV069 (VF1 Format) and supplemented by the variables affiliation type, name, country, LEI, customer number as well as the issuer number (EKN) of the affiliated company:

Representation of the delivery in **VFX format:**

| **Component** | **"Corresponding" variable ID** | **Variable name** | **Note** |
|---|---|---|---|
| Company affiliation as per Section 18 of the German Stock Corporation Act | GV065 | Affil. Sec. 18 Stock Corporation Act | |
| | GV065A | Affiliation type | Possible values of the variable according to table M69:<br>**Key** / **Decode**<br>U / Immediate parent pursuant to |

| Component | "Corresponding" variable ID | Variable name | Note |
|---|---|---|---|
| | | | Section 18 of the German Stock Corporation Act |
| | | | L: National parent pursuant to Section 18 of the German Stock Corporation Act |
| | | | W: Global parent pursuant to Section 18 of the German Stock Corporation Act |
| | GV065B | Name | |
| | GV065C | Land | According to table L02 |
| | GV065D | LEI | Populated only if the entity is also entered as an issuer in the customer database and has an LEI. Otherwise, this field is not populated. |
| | GV065E | CustomerNumber | Populated only if the entity is also entered as an issuer in the customer database. Otherwise, this field is not populated. |
| | GV065F | IssuerNumber | Populated only if the entity is also entered as an issuer in the customer database. Otherwise, this field is not populated. |

Representation of the delivery in **VF1 format:**

<table>
<tr><th>Component</th><th>Variable ID</th><th>Variable name</th><th>Note</th></tr>
<tr><td rowspan="8">Company affiliation as per Section 18 of the German Stock Corporation Act Instrument_VF1.</td><td>GV069</td><td>Affil. Sec. 18 Stock Corporation Act</td><td></td></tr>
<tr><td>GV069A</td><td>Affiliation type</td><td>Possible values of the variable according to table M69:<table><tr><th>Key</th><th>Decode</th></tr><tr><td>U</td><td>Immediate parent pursuant to Section 18 of the German Stock Corporation Act</td></tr><tr><td>L</td><td>National parent pursuant to Section 18 of the German Stock Corporation Act</td></tr><tr><td>W</td><td>Global parent pursuant to Section 18 of the German Stock Corporation Act</td></tr></table></td></tr>
<tr><td>GV069B</td><td>Name(1)</td><td>Depicts characters 1-39 of the name</td></tr>
<tr><td>GV069C</td><td>Name(2)</td><td>Depicts characters 40-78 of the name</td></tr>
<tr><td>GV069D</td><td>Name(3)</td><td>Depicts characters 79-117 of the name.</td></tr>
<tr><td>GV069E</td><td>Name(4)</td><td>Depicts characters 118-156 of the name.</td></tr>
<tr><td>GV069F</td><td>Name(5)</td><td>Depicts characters 157-195 of the name.</td></tr>
</table>

| Component | Variable ID | Variable name | Note |
|---|---|---|---|
| | GV069G | Name(6) | Depicts characters 196-234 of the name. |
| | GV069H | Name(7) | Depicts characters 235-273 of the name. |
| | GV069i | Country | As per table L02 |
| | GV069J | LEI | Populated only if the entity is also entered as an issuer in the customer database and has an LEI. Otherwise, this field is not populated. |
| | GV069K | CustomerNumber | Populated only if the entity is also entered as an issuer in the customer database. Otherwise, this field is not populated. |
| | GV069L | IssuerNumber | Populated only if the entity is also entered as an issuer in the customer database. Otherwise, this field is not populated. |

In the following, the company affiliation is depicted as an example according to the current representation in **GV646** as well as under EDDy_neu in **Affil. Sec. 18 Stock Corporation Act**.(“Corresponding“ field-ID: GV065) **(VFX)** and/or. in **GV069 (VF1)**.

Current depiction in **GV646**:

| GV646A | GV646B | GV646C | GV646D | GV646E |
|---|---|---|---|---|
| 1 | 151302 | Artists Living Dresden PP GmbH | | |
| 2 | 153398 | Consus RE GmbH | | |
| 3 | 841447 | Consus Real Estate AG | | |
| 4 | 753053 | ADLER Group S.A | | |

Depiction of company affiliations in **Affil. Sec. 18 Stock Corporation Act**.(“Corresponding“ field-ID: GV065) when delivered in **VFX format**:

| GV065A | GV065B | GV065C | GV065D | GV065E | GV065F |
|---|---|---|---|---|---|
| U | Consus RE GmbH | DE | 8945007YJH7Z1MMG6P74 | 1533988945007YJH7Z1MMG6P74000015876528 | 153398 |
| L | Consus Real Estate AG | DE | 9676007H44QN6VYEBV03 | 8414479676007H44QN6VYEBV03000054879968 | 841447 |
| W | ADLER Group S.A. | LU | 391200OYYFJ3DWAMEC69 | 753053391200OYYFJ3DWAMEC69000047356221 | 753053 |

Depiction of company affiliations in **GV069** when delivered in **VF1 format**:

| GV069A | GV069B | GV069C | GV069D | GV069E | GV069F | GV069G | GV069H | GV069i | GV069J | GV069K | GV069L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U | Consus RE GmbH | | | | | | | DE | 8945007YJH7Z1MMG6P74 | 1533988945007YJH7Z1MMG6P74000015876528 | 153398 |
| L | Consus Real Estate AG | | | | | | | DE | 9676007H44QN6VYEBV03 | 8414479676007H44QN6VYEBV03000054879968 | 841447 |
| W | ADLER Group S.A. | | | | | | | LU | 391200OYYFJ3DWAMEC69 | 7530533912000YYFJ3DWAMEC69000047356221 | 753053 |

Based on the new structure, the mapping of the old variables to the new variables when delivered in VFX format is as follows:

| **"Corresponding New variable ID** | **Variable name** | | **Old variable ID – Indication of the fields at instrument level** | | | |
|---|---|---|---|---|---|---|
| GV065 | Affil. Sec. 18 Stock Corporation Act | | Issuer of the security | Immediate parent | Nationwide parent | Global parent |
| GV065A | Affil. type | ← | GV646A=1 | GV646A=2 | GV646A=3 | GV646A=4 |
| GV065B | Name | ← | GV646C-E | GV646C-E | GV646C-E | GV646C-E |
| GV065C | Country | | | | | |

| **“Corresponding New variable ID** | **Variable name** | | **Old variable ID – Indication of the fields at instrument level** | | | |
|---|---|---|---|---|---|---|
| GV065D | LEI | | | | | |
| GV065E | CustomerNumber | | | | | |
| GV065F | IssuerNumber | ← | (GV646B) | (GV646B) | (GV646B) | (GV646B) |

Based on the new structure, the mapping of the old variables to the new variables when delivered in VF1 format is as follows:

| New variablen ID | Variable name | | Old variablen-ID – Specification of the fields at instrument level | | | |
|---|---|---|---|---|---|---|
| GV069 | Affil. Sec. 18 Stock Corporation Act | | Issuer of the security | Immediate parent | Nationwide parent | Global parent |
| GV069A | Affiliation type | ← | GV646A=1 | GV646A=2 | GV646A=3 | GV646A=4 |
| GV069B | Name(1) | ← | GV646C-E | GV646C-E | GV646C-E | GV646C-E |
| GV069C | Name(2) | ← | GV646C-E | GV646C-E | GV646C-E | GV646C-E |
| GV069D | Name(3) | ← | GV646C-E | GV646C-E | GV646C-E | GV646C-E |
| GV069E | Name(4) | ← | GV646C-E | GV646C-E | GV646C-E | GV646C-E |
| GV069F | Name(5) | ← | GV646C-E | GV646C-E | GV646C-E | GV646C-E |
| GV069G | Name(6) | ← | GV646C-E | GV646C-E | GV646C-E | GV646C-E |
| GV069H | Name(7) | ← | GV646C-E | GV646C-E | GV646C-E | GV646C-E |
| GV069i | Country | | | | | |

| New variablen ID | Variable name | | Old variablen-ID – Specification of the fields at instrument level | | | |
|---|---|---|---|---|---|---|
| GV069J | LEI | | | | | |
| GV069K | CustomerNumber | | | | | |
| GV069L | IssuerNumber | ← | GV646B | GV646B | GV646B | GV646B |

# 16. Zero identifier

## 16.1. Definition

Due to the unclear representation of some field contents in the WM database regarding the value/figure “0“ and the blank value ZERO, an additional referencing field “Zero identifier” has been created. In this field, it is recorded positively that the value / figure ”0“ is depicted in the reference field.

Example:

| Field_ID | Field name/ variable name |
|---|---|
| ED008A | DIVIDENDE/TOTAL AMOUNT |
| ED008D | ZERO IDENTIFIER. ED008A |

## 16.2. Current depiction

Behind the

ZERO IDENTIFIER fields *

are the tables which provide all the corresponding keys that are used:

GE1 Key:

A interest rate = 0 (Null) / interest rate: 0,00%

E14 Key:

A 0 has been reported / zero reporting

B No company announcement received

C Income data incomplete (distributing fund)

D Income data incomplete (growth fund)

E Unknown / being verified

F 0 has been determined

G Not determinable due to missing rates

H are basically not accrued

## 16.3. Future depiction

Except for fields ED476B and ED476E, there is NO detailed information why the value of the field contains the value/figure ”0“.

This means that exclusively the following keys are used for the zero identifier:

GE1 Key: A Interest rate is 0 (zero) / Interest rate: 0.00%

E14 Key: A 0 has been reported / zero reporting

The following keys of table E14 are retained but will no longer be used in the future:

B No company announcement received

C Income data incomplete (distributing fund)

D Income data incomplete (growth fund)

E unknown / being verified

F 0 has been determined

G Not determinable due to missing rates

H are basically not accrued

## 16.4 Relevant fields

The following fields are affected by this regulation:

| Field ID | Field name | Corresponding table | Original field | Field name of the original field |
|---|---|---|---|---|
| ED008D | Zero ID ED008A | E14 | ED008A | TOTAL DIVIDEND/INCOME |
| ED008F | Zero ID ED008E | E14 | ED008E | DISTRIBUTED INCOME PURSUANT TO SECTION 5(1)1 NO.1B) OF THE INVESTMENT TAX ACT (PRIVATE ASSETS) |
| ED008J | Zero ID ED008G | E14 | ED008G | PREVIOUS YEARS' DEEMED DISTRIBUTION INCOME PURSUANT TO SECTION 5(1)1 NO.1A) AA) OF THE INVESTMENT TAX ACT (PRIVATE ASSETS) |
| ED131A | Zero ID ED131 | E14 | ED131 | DEDUCTION FOR WRITEDOWN OR DECREASE OF SUBSTANCE PURSUANT TO SECTION 5(1)1 NO. 1G) OF THE INVESTMENT TAX LAW (PRIVATE ASSETS) |
| ED134A | Zero ID ED134 | E14 | ED134 | THESAURIERUNG BRUTTO GEM. § 5 ABS. 1 SATZ 1 NR. 2 I.V.M. NR. 1B) INVSTG (PRIVATVERMÖGEN) |
| ED135A | Zero ID ED135 | E14 | ED135 | AMOUNT OF INCREASE |

| Field ID | Field name | Corresponding table | Original field | Field name of the original field |
|---|---|---|---|---|
| ED144A | Zero ID ED144 | E14 | ED144 | ESTIMATED AMOUNT OF UNDISCLOSED ACCUMULATED DEEMED DISTRIBUTION INCOME |
| ED148A | Zero ID ED148 | E14 | ED148 | DISTRIBUTION AMOUNT PURSUANT TO SECTION 5(1)1 NO. 1A) OF THE INVESTMENT TAX LAW (PRIVATE ASSETS) |
| ED201A | Zero ID ED201 | E14 | ED201 | INTEREST AND DIVIDEND REINVESTMENT WITHOUT DTA EXEMPTED INCOME |
| ED202A | Zero ID ED202 | E14 | ED202 | INTEREST AND OTHER INCOME, DOMESTIC AND NOT DTA-EXEMPTED RENTAL INCOME AND CAPITAL GAINS FROM REAL PORPERTY LESS THAN 10 YEARS (PRIVATE ASSETS) |
| ED203A | Zero ID ED203 | E14 | ED203 | INTEREST, OTHER INCOME, DOMESTIC AND NOT DTA-EXEMPTED RENTAL INCOME AND CAPITAL GAINS FROM REAL PORPERTY LESS THAN 10 YEARS (BUSINESS ASSETS (INCOME TAX ACT)) |
| ED205A | Zero ID ED205 | E14 | ED205 | INTEREST, OTHER INCOME, DOMESTIC AND NOT DTA-EXEMPTED RENTAL INCOME AND CAPITAL GAINS FROM REAL PORPERTY LESS THAN 10 YEARS (BUSINESS ASSETS (INCOME TAX ACT)) |
| ED207A | Zero ID ED207 | E14 | ED207 | INVESTMENT INCOME TAX BASIS OF CALCULATION RE. GERMAN DIVIDENDS (SECTION 5(1)1D OF THE INVESTMENT TAX LAW) |
| ED208A | Zero ID ED208 | E14 | ED208 | INVESTMENT INCOME TAX BASIS OF CALCULATION RE. NON-GERMAN DIVIDENDS INCL. CAPITAL GAINS, OPTION PREMIUMS, AND FUTURES TRANSACTIONS (SECTION |

| Field ID | Field name | Corresponding table | Original field | Field name of the original field |
|---|---|---|---|---|
| | | | | 5(1)1D OF THE INVESTMENT TAX LAW) |
| ED209A | Zero ID ED209 | E14 | ED209 | INVESTMENT INCOME TAX BASIS OF CALCULATION RE. INTEREST, GERMAN (UNTIL 26 JUNE 2011) AND NON-GERMAN RENTAL INCOME WITHOUT DTA EXEMPTION, CAPITAL GAINS ON |
| ED210A | Zero ID ED210 | E14 | ED210 | INVESTMENT INCOME TAX BASIS OF CALCULATION AS PER SECTION 5(1)1D OF THE INVESTMENT TAX LAW |
| ED212A | Zero ID ED212 | E14 | ED212 | OFFSETTABLE WITHHOLDING TAX RATE |
| ED235A | Zero ID ED235 | E14 | ED235 | INVESTMENT INCOME TAX BASIS OF ASSESSMENT RE. GERMAN RENTAL INCOME AND REAL PROPERTY AS PER SECTION 7(3)1 NO.2 OF THE INVESTMENT TAX LAW (PRIVATE ASSETS) |
| ED237B | Zero ID ED237A | E14 | ED237A | REQUIRED TAX LIQUIDITY AS PER SECTIONS 7(3)1B) AND 2B), (3D) AND (4) IN CONNECTION WITH 7(3B) OF THE INVESTMENT TAX LAW |
| ED400I | Zero ID ED039A | E14 | ED039A | NET DIVIDEND/INCOME |
| ED400J | Zero ID ED400G | E14 | ED400G | PAID FOREIGN WITHHOLDING TAX PURSUANT TO SECTION 5(1)1 NO. 1H) OF THE INVESTMENT TAX LAW (PRIVATE ASSETS) |
| ED400K | Zero ID ED400H | E14 | ED400H | NON-DEDUCTIBLE INCOME-RELATED EXPENSES PURSUANT TO SECTION 5(1)1 NO. 1I OF THE INVESTMENT TAX LAW (PRIVATE ASSETS) |
| ED400L | Zero ID ED400A | E14 | ED400A | INVESTMENT INCOME TAX BASIS OF ASSESSMENT RE. INTEREST, OTHER INCOME, FOREIGN DIVIDENDS AND RENTAL INCOME AS WELL AS CAPITAL GAINS PURSUANT |

| Field ID | Field name | Corresponding table | Original field | Field name of the original field |
|---|---|---|---|---|
| | | | | TO SECTION 5(1)1 NO. 1D) AA) OF THE INVESTMENT TAX LAW (PRIVATE ASSETS) |
| ED400M | Zero ID ED400B | E14 | ED400B | INVESTMENT INCOME TAX BASIS OF ASSESSMENT RE. GERMAN DIVIDENDS, GERMAN RENTAL INCOME AND CAPITAL GAINS FROM GERMAN REAL PORPERTY PURSUANT TO SECTION 5(1)1 NO. 1D) AA) OF THE INVESTMENT TAX LAW (PRIVATE ASSETS) |
| ED400N | Zero ID ED400C | E14 | ED400C | INVESTMENT INCOME TAX BASIS OF ASSESSMENT RE. FOREIGN DIVIDENDS AND CAPITAL GAINS PURSUANT TO SECTION 5(1)1 NO. 1D) CC) OF THE INVESTMENT TAX LAW (PRIVATE ASSETS) |
| ED438A | Zero ID ED438 | E14 | ED438 | INCOME IN INTERIM PROFITS (PRIVATE ASSETS) |
| ED470E | Zero ID ED470A | E14 | ED470A | INCLUSION AMOUNT (HINZURECHNUNGSBETRAG) PURSUANT TO SECTION 10(1)1 OF THE FOREIGN TRANSACTION TAX ACT |
| ~~ED476B~~ | ~~Zero ID ED476A~~ | ~~E14~~ | ~~ED476A~~ | ~~TAXABLE PRELIMINARY LUMP SUM IN EURO AS PER SECTION 18 OF THE INVESTMENT TAX LAW~~ |
| ~~ED476E~~ | ~~Zero ID ED476D~~ | ~~E14~~ | ~~ED476D~~ | ~~TAXABLE PRELIMINARY LUMP SUM IN FUND CURRENCY AS PER SECTION 18 OF THE INVESTMENT TAX LAW~~ |
| EV308B | Zero ID A | E14 | EV308A | RedemPr/MktPrice |
| GD223A | Zero ID GD223 | E14 | GD223 | AVERAGE RISK WEIGHTING FACTOR IN % |
| GD505F | Zero ID GD505C | E14 | GD505C | OFFSETTABLE WITHHOLDING TAX RATE |
| GD801C | Zero ID GD801A | GE1 | GD801A | INTEREST RATE % |
| GD803B | Zero ID GD803 | GE1 | GD803 | INITIAL GRADUATED INTEREST RATE % |
| GD804D | Zero ID GD804 | GE1 | GD804 | FINAL GRADUATED INTEREST RATE % |

| Field ID | Field name | Corresponding table | Original field | Field name of the original field |
|---|---|---|---|---|
| GV1C7E | Zero ID | E14 | GV1C7A | Amount |
| GV1D0C | Zero ID | E14 | GV1D0A | Amount |
| GV1D1C | Zero ID. | E14 | GV1D1A | Amount |
| GV1D2C | Zero ID | E14 | GV1D2A | Amount |
| GV1D3C | Zero ID. | E14 | GV1D3A | Amount |
| GV233D | AWF zero 001 | E14 | GV233C | AVERAGE RISK WEIGHTING FACTOR IN % |
| GV238D | Zero ID | E14 | GV238C | Risk w./ass.base |
| GV239D | Zero ID | E14 | GV239C | Risk w./ass.base |
| GV310C | Zero ID 1 | E14 | GV310B | Exp.amt/% inc.PLF |
| JV001F | Zero ID | E14 | JV001A | Amount |
| JV002F | Zero ID | E14 | JV002A | Amount |
| JV003F | Zero ID | E14 | JV003A | Amount |
| JV004E | Zero ID 1 | E14 | JV004A | Amount |
| JV005D | Zero ID 1 | E14 | JV005C | Transact.Costs |
| JV005F | Zero ID 1 | E14 | JV005E | Running Costs |
| JV005H | Zero ID 1 | E14 | JV005G | Event-Rel.Costs 1 |
| JV006F | Zero ID 1 | E14 | JV006C | Delta value/initial hedge |
| KV036C | Zero ID | E14 | KV036A | Subsc. Right Val. |
| KV085E | Zero ID 1 | E14 | KV085D | Price |
| UV085E | Zero ID 1 | E14 | UV085D | Price |
| VD013B | Zero ID VD013C | E14 | VD013C | REDEMPTION RATE |

# 17. New and old representation in segment D

With the product Options & Futures, WM Datenservice provides information on the trading objects of:

- Eurex Deutschland
- European Energy Exchange (EEX) – Futures market (Eurex)
- European Energy Exchange (EEX) - Regulated Gas Market
- Leipzig - European Energy Exchange (EEX) - OTF Gas Market

These so-called contracts and/or series were provided by WM in especially defined fields (DD011, DD012 etc.).

In the future, the contract specifications will be represented additively in the structure variable, component and blueprint.

This results in the following mapping of the existing fields in the new fields/variables:

| Old field | Name | | GD field | Name | | XD field | Name |
|---|---|---|---|---|---|---|---|
| DD011 | OPTION STYLE | | GD352 | OPTION RIGHT TYPE | | | |
| DD012 | ISIN OF DERIVATIVE | | GD622 | ISIN | | | |
| DD013 | WKN OF DERIVATIVE | | WKN | WKN | | | |
| DD014 | EFFECTIVE DATE | | GD090 | | | | |
| DD015 | DERIVATIVE STATUS | | GD100 GD100A | REASON FOR SECURITIES STATUS | | | |
| DD016 | DERIVATIVE NAME | | GD270A GD270B | SECURITIES LONG DESCRIPTION | | | |
| DD017 | STANDARD SHORT DESCRIPTION | | GD684B | FISN | | | |
| DD018 | TICKER SYMBOL | | | | | XD050A | TICKER SYMBOL |
| DD019 | DERIVATIVE TYPE | | GD198B | EFIC//INSTRUMENT TYPE | | | |
| DD020 | OPTION TYPE | | No reference field planned/provided | | | | |
| DD022 | ISIN OF UNDERLYING SECURITY | | GV1E4 | THRESHOLDS | | | |

| Old field | Name | | GD field | Name | | XD field | Name |
|---|---|---|---|---|---|---|---|
| DD022 PW | WKN OF UNDERLYING SECURITY | | GV1E4 | THRESHOLDS | | | |
| DD023 | UNDERLYING SECURITY TICKER SYMBOL | | No reference field planned/provided | | | | |
| DD024 | CFI CODE | | GD685H-GD685M | CFI | | | |
| DD025 | ISIN OF SECOND UNDERLYING SECURITY | | GV1E4 | THRESHOLDS | | | |
| DD025 PW | WKN OF SECOND UNDERLYING SECURITY | | GV1E4 | THRESHOLDS | | | |
| DD026 | TICKER SYMBOL OF SECOND UNDERLYING SECURITY | | No reference field planned/provided | | | | No reference field planned/provided |
| DD028 | DERIVATIVE INTRODUCTION | | | | | XD480 | LISTING DATE |
| DD029 | LAST TRADING DAY OF THE DERIVATIVE | | No field population so far, therefore no reference field is planned/provided | | | | |
| DD030 | LAST TRADING MONTH OF THE DERIVATIVE | | No field population so far, therefore no reference field is planned/provided | | | | |

| Old field | Name | | GD field | Name | | XD field | Name |
|---|---|---|---|---|---|---|---|
| DD031 | LAST TRADING MONTH OF THE DERIVATIVE | | No field population so far, therefore no reference field is planned/provided | | | | |
| DD032 | STRIKE PRICE CURRENCY/UNIT /TOKEN | | GD170 GD171 GD172 | CUSTODY AND SETTLEMENT CURRENCY/ UNIT/TOKEN | | XD242 XD240 | CUSTODY AND SETTLEMENT CURRENCY/UNIT /TOKEN CURRENCY |
| DD033 | STRIKE PRICE CURRENCY/UNIT /TOKEN | | GV1E4 | THRESHOLDS | | | |
| DD034 | DERIVATIVE VERSION NUMBER | | No reference field planned/provided | | | | |
| DD035 | SUPERORDINATE CONTRACT WKN | | the relation is located in the field GV794 of the "Subordination" | | | | |
| DD035PI | SUPERORDINATE CONTRACT ISIN | | the relation is located in the field GV794 of the "Subordination" | | | | |
| DD036 | ORIGINAL STRIKE PRICE | | GV1E4 | THRESHOLDS | | | |
| DD037 | LAST TRADING DATE | | | | | XD539B | LAST TRADING DATE |
| DD663A | MIFID TRANSACTION REPORTING RELEVANCE | | GD209J | ARTICLE 26 TRANSACTION REPORTING | | | |

| Old field | Name | | GD field | Name | | XD field | Name |
|---|---|---|---|---|---|---|---|
| | | | | PURSUANT TO MIFIR | | | |
| DD665 | COUNTRY OF MOST LIQUID MARKET | | Field will be deactivated | | | | |
| DV021 | DERIVATIVE MARKET/MIC | | | | | | |
| DV021A | DERIVATIVE MARKET/V | | | | | XD020 | STOCK EXCHANGE OR MAIN SEGMENT |
| DV021B | MARKET/MIC | | | | | XD026 | MIC |

Advantages:

ALL financial instruments (securities and derivatives) have the identical structure.

- This creates comparability and transparency
- Special requirements for programming specifications and selections are not necessary

## 18. Other changes (Splitting and merge of existing fields)

Beside the changes described under the other points, further variables are newly introduced as replacement or addition to already existing fields for EDDy_neu.

These new variables can replace and/or supplement old fields in EDDy_neu 1:1 or 1:N.

Whether the respective variable is a replacement for an old field or an addition to a field, which itself will continue to exist under EDDy_neu, is indicated in column 6 (Replaced) and 7 (Added), and partially in the descriptive text in column 8, (Description/content of the variable).

If both columns 6 and 7 are populated at the same time, this represents a partial replacement. In this case, the new variable replaces the old field in a very limited scope, e.g. for a specific asset class or a specific issue. For all other asset classes and circumstances, however, the old field remains and thus represents a supplementary variable in its actual function.

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| ED008L | TOTAL DIVIDEND/INCOME | N | Old: 9.12<br>New:<br>9.9 | / | | ED008A | Gives the representation of a dividend payment is own variable for the total amount of a dividend payment. |
| ED019A | DECLARE-DATE | D | 8 | / | | ED019 | Gives the declare date its own place beyond ED019 providing the AGM/GM date. |
| ED034F | IDENTIFIER FOR THE CANCELLATION OF THE AVOIR FISCAL IN FRANCE | N | 01 | E08 | | ED034 | Gives the ID for the deletion of the avoir fiscal date its own place beyond ED034 that provides information on the tax deduction and the half-income procedure in Germany. |
| GD230E | CLASS | X | 39 | / | | | Description of the class of the security |
| GD230F | TRANCHE | X | 39 | / | | | Description of the tranche of the security |
| GD230G | SERIES | X | 39 | / | | | Description of the series of the security |
| GD230L | NUMBER OF INSTRUMENTS WITH VOTING RIGHTS | N | 8.7 | / | GV128A | | As a voting right is expressed only once per instrument, the repetitive group of the host field GV128 with the linkage fields GV128A-E have been |
| GD230M | VOTING RIGHT PER INSTRUMENT MASTER DATA | N | 8,.7 | / | GV128B | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| GD230N | DIMENSION NUMBER OF VOTES PER INSTRUMENT MASTER | X | 03 | W02 | GV128C | | transferred to basic variables without respective group character. The content of the linkage GV128D " Voting right- validity date" is not transferred to EDDy_neu, and there is no equivalent in EDDy_neu. |
| GD230Q | VOTING RIGHT SECURITY DATA | X | 01 | G83 | GV128E | | |
| GD231L | UNIT NUMBER AND DESCRIPTION COMPONENT 1 | X | 50 | / | GD280A, GD280B | | The components of which a unit is composed are to be recorded and saved in EDDy_neu in a standard way. In each of the 4 variables GD231L_GD231O one component is given in whole or decimal numbers with max. 4 decimal places. The decimal numbers are separated by a comma . Up to 13 digits can be digits can be used before the decimal place. The components consist of the respective number, the security type, specifying information such as the final maturity in the case of warrants and, if applicable, the company name of the issuer who issued the respective security component, e.g. 1 share A of XYZ |
| GD231M | UNIT NUMBER AND DESCRIPTION COMPONENT 2 | X | 50 | / | | | |
| GD231N | UNIT NUMBER AND DESCRIPTION COMPONENT 3 | X | 50 | / | | | |
| GD231O | UNIT NUMBER AND DESCRIPTION COMPONENT 4 | X | 50 | / | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| | | | | | | | AG or 20000 warrants 21.03.26. Each sub string ends without a comma, semicolon or dot. |
| GD311D | PARTICULARITIES DIVIDENDS | X | 01 | FF1 | GD311A | GD311A | Gives the particularities of **dividends** their own place instead of GD311A. |
| GD311E | PARTICULARITIES FUND DISTRIBUTIONS | X | 01 | FF2 | GD311A | GD311A | Gives the particularities s of **fund distributions** their own place instead of GD311A. |
| GD311F | PARTICULARITIES INTEREST | X | 01 | FF3 | GD311A | GD311A | Gives the particularise of **interest** their own place instead of GD311A. |
| GD321A | DIVIDEND ENTITLEMENT NEW SHARES | N | 02 | G15 | GD321 | GD321 | Gives the dividend entitlement of new shares their own GD321 that serves to record the identifier for the deviating interest rate start date and for the deviating conditions at interest accrual end date. |
| GD322A | DIVIDEND ENTITLEMENT NEW SHARES | D | 8 | / | GD322 | GD322 | Gives the date from which the dividend entitlement of a new share starts its own place in addition to GD322, which provides the date for bond issues. |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| GD802D | ABS/CP/MTN PROGRAM | X | 01 | G83 | | | This field indicates whether the present security belongs to a CP or MTN program. |
| GD802E | UNDATED | X | 01 | G83 | | | This field indicates whether the security has no fixed maturity date. |
| GD802F | INTEREST ONLY | X | 01 | G83 | | | This field identifies whether it is an interest only (IO) security. |
| GD802G | POOL NUMBER | X | 39 | / | | | This field contains the pool number of the security. |
| GD910C | REDEMPTION DATE | D | 8 | / | GD910 | GD910 | Gives the redemption date for participation certificates and warrants their owns place in addition to GD910 that is then used to record the redemption date of bond issues and certificates. |
| GD910D | MATURITY DATE | D | 8 | / | GD910 | GD910 | Gives the maturity date of funds, redeemable preference shares and restricted shares their own place in addition to GD910 which serves the recording of the redemption date of bond issues and certificates. |
| GV1E7 | INTEREST DATES | U | 00 | Div. | | | All interest dates of the security are |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| GV1E7A | DATE | D | 08 | / | | | represented here. If the exact dates have not been provided by the issuer of the security, WM determines the interest dates on the basis of the available data. In this case, the actual interest dates may differ from the dates depicted in GV1E7. If not enough information is available to determine the interest dates, the field will not be populated. |
| GV9U4 | CLASS TYPE | U | 00 | Div. | | | Additional information on the class can be entered here according to table FK3 |
| GV9U4A | CLASS TYPE | X | 01 | FK3 | | | |
| ~~KD005A~~ | ~~EVENT TYPE~~ | ~~N~~ | ~~2~~ | ~~K01~~ | ~~KD005~~ | | ~~Adjusts the wording to the EDDy_neu environment.~~<br>~~The variable name is adjusted editorially.~~ |
| KD014A | BEGINNING OF SUBSCRIPTION PERIOD | D | 8 | / | KD014 | | Deletion of field KD014, in which 2 different situations (DEADLIINE FROM TO) were depicted in the past. |
| KD014B | END OF SUBSCRIPTION PERIOD | D | 8 | / | | | |
| KD015A | SUBSCRIPTION RIGHT NOTICE FROM | D | 8 | / | KD015 | | Deletion of field KD015, in which 2 |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| KD015B | SUBSCRIPTION RIGHT NOTICE TO | D | 8 | / | | | different situations (DEADLIINE FROM TO) were depicted in the past. |
| KD015C | MINIMUM SUBSCRIPTION PRICE | N | 8.5 | / | KV056 | | Deletion of field KV056, which is a linkage field without a repetitive group. As this structure is not necessary for EDDy_neu, 2 new variables were created. |
| KD015D | MAXIMUM SUBSCRIPTION PRICE | N | 8.5 | / | | | |
| KV123 | SUBSCRIPTION RATIOS | U | 0 | Div. | KD008A, KD008B, KD008C, KD009A, KD009B, KD009C, KD022, KD022PI | | In the case of corporate actions, there may be a combination of several payments and/or several classes referred to. Until now, BIDs had to be created in order to depict all allocations or information had to be recorded textually behind the corresponding fields. With the repetitive group KV123, the possibility is created to represent multiple reference as a whole in a GV and to assign multiple new WKN/ISIN to these multiple references. The new variables KV123B, KV123C, KV123D, KV123E, KV123F, KV123G, KV123L, KV123M are identical in content and function to the |
| KV123A | CONSECUTIVE NUMBER | N | 2 | / | | | |
| KV123B | CURRENY/UNIT/TOKEN NUMERATOR SUBSCRIPTION RATIO | X | 3 | W01 | | | |
| KV123C | NUMERATOR SUBSCRIPTION RATIO<br>GERMAN | N | Old: 15,12<br>New: 9,9 | / | | | |
| KV123D | NUMERATOR SUBSCRIPTION RATIO<br>ANGLO SAXON | N | Old: 15,12<br>New: 9,9 | / | | | |
| KV123E | CURRENY/UNIT/TOKEN | X | 3 | W01 | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| | NUMERATOR SUBSCRIPTION RATIO | | | | | | old fields KD008A-C, KD009A-C and KD022/KD022PI. |
| KV123F | NUMERATOR SUBSCRIPTION RATIO<br>GERMAN | N | Old: 15,12<br>New: 9,9 | / | | | |
| KV123G | NUMERATOR SUBSCRIPTION RATIO<br>ANGLO SAXON | N | Old: 15,12<br>New: 9,9 | / | | | |
| KV123L | SUBSCRIBED SECURITY WKN | X | 6 | / | | | |
| KV123M | SUBSCRIBED SECURITY ISIN | X | 12 | / | | | |
| KV123O | SUBSCRIPTION RATIO CANCELLATION ID | X | 1 | GG2 | | | |
| KV133 | SUBSCRIPTION RATIOS | U | 00 | Div. | KD008A, KD008B, KD008C, KD009A, KD009B, KD009C, KD022, KD022PI<br>VF1 only | | In the context of future deliveries„ there will be a differentiation between VF1 and VFX (other EDDy_neu data feeds) with regard to some table variables. While the table variable KV133 is for deliveries in VF1 format, the abovementioned “subscription ratios" ("corresponding" field ID: KV123) is for deliveries in VFX format. |
| KV133A | SEQUENTIAL NUMBER | N | 02 | / | | | |
| KV133B | CURRENCY/UNIT/TOKEN NUMERATOR SUBSCRIPTION RATIO | X | 03 | W01 | | | |
| KV133C | NUMERATOR SUBSCRIPTION RATIO GERMAN | N | Old: 15,12<br>New: 9,9 | / | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| KV133D | NUMERATOR SUBSCRIPTION RATIO ANGLO-SAXON | N | Old: 15,12<br><br>New: 9,9 | / | | | |
| KV133E | CURRENCY/UNIT/TOKEN DENOMINATOR SUBSCRIPTION RATIO | X | 03 | W01 | | | |
| KV133F | DENOMINATOR SUBSCRIPTION RATIO GERMAN | N | Old: 15,12<br><br>New: 9,9 | / | | | |
| KV133G | DENOMINATOR SUBSCRIPTION RATIO ANGLO-SAXON | N | Old: 15,12<br><br>New: 9,9 | / | | | |
| KV133M | SUBSCRIBED SECURITY WKN | X | 06 | / | | | |
| KV133N | SUBSRCRIBED SECURITY ISIN | X | 12 | / | | | |
| KV133Q | SUBSCRIPTION RATIOS CANCELLATION ID | X | 01 | GG2 | | | |
| KV124 | DETACH RATIO | U | 0 | Div. | KD025A, KD025B, KD026A, | | In the case of corporate actions, there may be a combination of several subscription rights. Until now, |
| KV124A | CONSECUTIVE NUMBER | N | 2 | / | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| KV124B | CURRENCY/UNIT/TOKEN NUMERATOR DETACH RATIO | X | 3 | W01 | KD026B, KD021 OLD: K021PI NEW: KD021PI | | several BIDs had to be created in order to depict all allocations or information had to be saved textually behind the corresponding fields. With the repetitive group KV124, the possibility is created to represent multiple reference as a whole in a GV and to assign multiple new WKN/ISIN to these multiple references. The new variables KV124B, KV124C, KV124D, KV124E, KV124G, KV124H are identical in content and function to the old fields KD025A+B, KD026A+B and KD021/KD021PI. |
| KV124C | NUMERATOR DETACH RATIO | N | Old: 15,12<br><br>New: 9,9 | / | | | |
| KV124D | CURRENCY/UNIT/TOKEN NUMERATOR DETACH RATIO | X | 3 | W01 | | | |
| KV124E | NUMERATOR DETACH RATIO | N | Old: 15,12<br><br>New: 9,9 | / | | | |
| KV124G | SUBSCRIPTION RIGHT WKN | X | 6 | / | | | |
| KV124H | SUBSCRIPTION RIGHT ISIN | X | 12 | / | | | |
| KV124I | SUBSCRIPTION RATIOS CANCELLATION ID | X | 1 | GG2 | | | |
| KV134 | DETACHMENT RATIOS | U | 00 | Div. | KD025A, KD025B, KD026A, KD026B, KD021, K021PI<br><br>VF1 only | | In the context of future deliveries,, there will be a differentiation between VF1 and VFX (other EDDy_neu data feeds) with regard to some table variables. While the table variable KV134 is for deliveries in VF1 format, the |
| KV134A | SEQUENTIAL NUMBER | N | 02 | / | | | |
| KV134B | CURRENCY/UNIT/TOKEN NUMERATOR DATCHEMENT RATIO | X | 03 | W01 | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| KV134C | NUMERATOR DATCHEMENT RATIO | N | Old: 15,12<br><br>New: 9,9 | / | | | abovementioned “detachment ratio” (“corresponding” field ID KV124) is for deliveries in VFX format. |
| KV134D | CURRENCY/UNIT/TOKEN DENOMINATOR DETACHMENT RATIO | X | 03 | W01 | | | |
| KV134E | DENOMINATOR DETACHMENT RATIO | N | Old: 15,12<br><br>New: 9,9 | / | | | |
| KV134H | SUBSCRIPTION RIGHT WKN | X | 06 | / | | | |
| KV134I | SUBSCRIPTION RIGHT ISIN | X | 12 | / | | | |
| KV134J | DETACHMENT RATIOS CANCELLATION ID | X | 01 | GG2 | | | |
| UD007C | CONVERSION/CASH COMPENSATION/DISTRIBUTION MODUS | X | 1 | UB9 | UD007 | | In UD007, several circumstances were previously presented in combination (mandatory vs. voluntary – exchange and /or cash compensation- either issuer or creditor) – however, there was no clear allocation. The 3 new fields restructure combinations (even |
| UD007D | CONVERSION/CASH COMPENSATION/DISTRIBUTION BOOKING | X | 2 | UC1 | | | |
| UD007E | CONVERSION/CASH COMPENSATION/DISTRIBUTION CHOOSING INSTANCE | X | 1 | UC2 | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| | | | | | | | those that did not exist before). |
| ~~UD008B~~ | ~~EVENT TYPE~~ | ~~X~~ | ~~02~~ | ~~U20~~ | ~~UD008A~~ | | ~~Adjusts the wording to the EDDy_neu environment.~~<br>~~The variable name is being adjusted editorially.~~ |
| UD014C | AMOUNT PAYOUT | N | Old: 10,9<br>New: 9.9 | / | UD014B | | Deletion of field UD014B, in which so far 2 different facts (amount of payment and amount of additional payment) were depicted. |
| UD014D | AMOUNT PAYOUT | N | Old: 10,9<br>New: 9.9 | / | | | |
| UD016A | OFFER PERIOD FROM | D | 8 | / | UD016 | | Deletion of field UD016 in which so far 2 different situations (Deadline from and Deadline to) are depicted. |
| UD016B | OFFER PERIOD TO | D | 8 | / | | | |
| UV213 | CONVERSION/CASH COMPENSATION/DISTRIBUTION IN | U | 0 | Div. | UD006A | | As the keys available in UD006A do not all cover all asset classes and possible combinations, the field is replaced by the table variable UV213. This created the possibility to represent one or more references. |
| UV213A | ECPO CONSECUTIVE NUMBER | X | 2 | / | | | |
| UV213B | ECPO OFFERING | X | 2 | UA1 | | | |
| UV213C | ECPO OPERATION | X | 1 | UA2 | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| UV213D | ECPO CANCELLATION ID | X | 1 | GG2 | | | |
| UV217 | CONVERSIONRATIOS | U | 0 | Div. | UD010A, UD010C, UD010D, UD011A, UD011C, UD011D, UD021, UD021PI | | In many offers, holders receive a combination of several of new securities with different denomination or one of several successor securities for their old securities. So far, several BIDs had to be created in order to depict all allotments on the one hand, and WKN as well as ISIN had to be party recorded textually in the corresponding fields after the exchange on the other hand. With the repetitive group UV217, the possibility is created to represent multiple withdrawals (both certificates and cash) in a single GM and to assign multiple new WKN/ISIN to these withdrawals. The new variables UV217B, UV217C, UV217D, UV217E, UV217F, UV217G, UV217L, UV217M are identical to the old fields UD010A, UD010C, UD010D, UD011A, UD011C, UD011D, UD021 & |
| UV217A | CONSECUTIVE NUMBER | N | 2 | / | | | |
| UV217B | RATIO NUMERATOR GERMAN | X | Old: 15,12<br>New: 9,9 | / | | | |
| UV217C | RATIO/NUMERATOR ANGLO SAXION | N | Old: 15,12<br>New: 9,9 | / | | | |
| UV217D | CURRENCY/UNIT/TOKEN RATIO NUMERATOR | N | 03 | W01 | | | |
| UV217E | RATIO NUMERATOR GERMAN | X | Old: 15,12<br>New: 9,9 | / | | | |
| UV217F | RATIO NUMERATOR ANGLO SAXON | N | Old: 15,12<br>New: 9,9 | / | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| UV217G | CURRENCY/UNIT/TOKEN<br>RATIO NUMERATOR | N | 03 | W01 | | | UD021PI in terms of content and function.<br>In addition, with the variables UV217P, UV217Q, UV217R, UV217S, UV217T, the prerequisite was created to also depict directly in the table variable UV217 a cash amount that is associated with a share delivery.<br>Therefore, in case of a cash payment in combination with a payment in shares (in 1 BID), the cash amount is depicted in these variables instead of in UD015/UD014C/UD036/UD013 as is the case of a cash-only payment. |
| UV217L | CONSECUTIVE SECURITIES WKN | X | 6 | / | | | |
| UV217M | CONSECUTIVE SECURITIES - ISIN | X | 12 | / | | | |
| UV217N | CONSECUTIVE SECURITIES - NEW SECURITY WITH RESTRICTION 144A | X | 1 | UB4 | | | |
| UV217O | WKN/ISIN NEW STATUS | X | 1 | UB5 | | | |
| UV217P | CASH COMPENSATION | X | 3 | W01 | | | |
| UV217Q | DISTRIBUTION AMOUNT | N | Old: 10,9 New: 10.8 | / | | | |
| UV217R | DISTRIBUTION AMOUNT<br>FREE TEXT | X | 78 | / | | | |
| UV217S | DISTRIBUTION AMOUNT IN PERCENT | X | 1 | W03 | | | |
| UV217T | DISTTRIBUTION TYPE | N | 1 | U06 | | | |
| UV217U | SUCCESSOR SECURITIES-OPERATORS | X | 1 | UA2 | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| UV217V | CONVERSION RATIO – Option number | N | 3 | / | | | |
| UV217W | SUCCESSOR SECURITIES-CANCELLATION ID | X | 1 | GG2 | | | |
| UV255 | CONVERSION / EXCHANGE RATIOS | U | 00 | Div. | UD010A, UD010C, UD010D, UD011A, UD011C, UD011D, UD021, UD021PI<br><br>VF1 only | | In the context of future deliveries,, there will be a differentiation between VF1 and VFX (other EDDy_neu data feeds) with regard to some table variables. While the table variable UV255 is for deliveries in VF1 format, the abovementioned “conversion/ exchange ratios” (corresponding field ID UV217) are for deliveries in VFX format. |
| UV255A | CONVERSION / EXCHANGE RATIOS - SEQUENTIAL NUMBER | N | 02 | / | | | |
| UV255B | CONVERSION / EXCHANGE RATIOS - RATIO NUMERATOR GERMAN | X | Old: 15,12<br><br>New: 9,9 | / | | | |
| UV255C | CONVERSION / EXCHANGE RATIOS - RATIO NUMERATOR ANGLO SAXON | N | Old: 15,12<br><br>New: 9,9 | / | | | |
| UV255D | CONVERVSION / EXCHANGE RATIOS - CURRENCY/UNIT/TOKEN RATIO NUMERATOR GERMAN | N | 03 | W01 | | | |
| UV255E | CONVERSION / EXCHANGE RATIOS - RATIO DENOMINATOR GERMAN | X | Old: 15,12<br><br>New: 9,9 | / | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| UV255F | CONVERSION / EXCHANGE RATIOS - RATIO DENOMINATOR ANGLO SAXON | N | Old: 15,12<br><br>New: 9,9 | / | | | |
| UV255G | CONVERSION / EXCHANGE RATIOS - CURRENCY/UNIT/TOKEN RATIO DENOMINATOR GERMAN | N | 03 | W01 | | | |
| UV255M | INSTRUMENT POST CONVERSION - WKN | X | 06 | / | | | |
| UV255N | INSTRUMENT POST CONVERSION - ISIN | X | 12 | / | | | |
| UV255O | INSTRUMENT POST CONVERSION - RESTRICTIONS 144A/REGS/IAI | X | 01 | UB4 | | | |
| UV255P | WKN/ISIN NEW STATUS | X | 01 | UB5 | | | |
| UV255Q | CONVERSION / EXCHANGE RATIOS - COMPENSATION/PAYMENT CURRENCY | X | 03 | W01 | | | |
| UV255R | CONVERSION / EXCHANGE RATIOS - PAYMENT CASH DISTRIBUTION AMOUNT | N | Old: 10,9<br><br>New: 10.8 | / | | | |
| UV255S | CONVERSION / EXCHANGE RATIOS - PAYMENT CASH | X | 39 | / | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| | DISTRIBUTION AMOUNT TEXT (1) | | | | | | |
| UV255T | CONVERSION / EXCHANGE RATIOS - PAYMENT CASH DISTRIBUTION AMOUNT TEXT (2) | X | 39 | / | | | |
| UV255U | CONVERSION / EXCHANGE RATIOS - COMPENSATION/PAYMENT IN % | X | 01 | W03 | | | |
| UV255V | CONVERSION / EXCHANGE RATIOS - PAYMENT TYPE | N | 01 | U06 | | | |
| UV255W | INSTRUMENT POST CONVERSION - OPERATOR | X | 01 | UA2 | | | |
| UV255X | OPTIONS NUMBER | N | 03 | / | | | |
| UV255Y | INSTRUMENT POST CONVERSION - CANCELLATION ID | X | 01 | GG2 | | | |
| UV254 | TRANSACTIONS UNDER COMPANY LAW (TAX) | U | 0 | Div. | UD087, UD230 | | Possibility to depict more than one tax assessment per GV analogous to multiple assessments depicted in UV217. |
| UV254A | CONSECUTIVE NUMBER | N | 2 | / | | | |
| UV254B | TRANSACTIONS UNDER COMPANY LAW (ANNUAL CERTIFICATE) ID | X | 3 | U29 | | | The new variables UV254B and UV254C are identical in content and function |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| UV254C | CLUSTER CAPITAL MEASURES MATRIX | X | 2 | FA7 | | | to the old fields UD087 and UD230.<br>UV254D 'Corporate transactions addition' is cancelled. Relevant contents are entered in UD087A. |
| ~~UV254D~~ | ~~CORPORATE EVENT IDENTIFIER ID ADDITION~~ | ~~X~~ | ~~300~~ | ~~/~~ | | | |
| UV254E | OLD: REFERENCE TO OPTION NUMBER UV217V<br>NEW: REFERENCE TO SEQUENTIAL NUMBER UV217A_UV255A | N | OLD: 03<br>NEW: 02 | / | | | |
| UV254F | CANCELLATION ID | X | 1 | GG2 | | | |
| UV254G | USAGE KEY CORPORATE TRANSACTIONS | X | 01 | UC8 | | | |
| VV131 | SECURITIES SETTLEMENT | U | 0 | Div. | VD038C, VD039C, VD040, VD040PI | | Depiction of one or more remuneration in the case of reverse convertible bonds. |
| VV131A | CONSECUTIVE NUMBER | N | 3 | / | | | |
| VV131B | ISIN | X | 12 | / | | | |
| VV131C | NAME | X | 39 | / | | | |
| VV131D | RATIO NUMERATOR | N | Old: 10<br>New: 9,9 | / | | | |

| Variable ID (new) | Variable name (new) | Format | Length | Table | Replaced | Adjusted | Description/Content of the variables |
|---|---|---|---|---|---|---|---|
| VV131E | RATIO DENOMINATOR | N | Old: 10<br>New: 9,9 | / | | | |
| VV131F | CANCELLATION ID | X | 1 | GG2 | | | |
| VV131G | RedRatNum C/U/T | X | 03 | W01 | | | |
| VV131H | RedRatDenomC/U/T | X | 03 | W01 | | | |
| VV131I | WKN | X | 06 | / | | | |
| VD013F | PREMIUM | N | OLD: 03<br>NEW: 9.9 | / | | VD013C | Depiction of the share at par. The indication is purely informative. The premium is still included for settlement in VD013C. |
| UV085I | ISIN TARGET INSTRUMENT | X | 12 | / | | | |
| UV085J | WKN TARGET INSTRUMENT | X | 06 | / | | | |

Addition: New corresponding tables to the abovementioned variables

| Table | Decode | Key |
|---|---|---|
| FF1 | No dividend service | 1 |

| | | |
|---|---|---|
| | Dividend payment suspended | 2 |
| | Directly to shareholder (no dividend settlement) | 3 |
| | | |
| FF2 | Accumulating fund (no statement of income, only the tax-relevant parts of the reinvestment amount) | 1 |
| | Distributing fund | 2 |
| | | |
| FF3 | Interest rate variable | 1 |
| | Initially variable interest rate, later fixed interest rate | 2 |
| | Initially variable interest rate, later fixed interest rate and then variable interest rate again | 3 |
| | Initially variable interest rate, later zero coupon | 4 |
| | Initially fixed interest rate, later variable interest rate | 5 |
| | Initially fixed interest rate, later variable interest rate and then fixed interest rate again | 6 |
| | Initially fixed interest rate, later zero coupon | 7 |
| | Initially zero coupon, later variable interest rate | 8 |
| | Initially zero coupon, later fixed interest rate | 9 |
| | Additional interest possible | A |
| | No interest service (no coupon settlement) | B |
| | Interest payment suspended | C |
| | Non performing (no interest service and no repayment of principal) | D |

| | | |
|---|---|---|
| | Payment directly to creditor (no coupon settlement) | E |
| | Interest rate variable; appropriation (disbursement/capitalization) of income (incl. already capitalized income from previous periods) is at the option of the creditor. | F |

| | | |
|---|---|---|
| UA1 | Bonds / debentures | AA |
| | Certificates | AB |
| | Shares | AC |
| | Warrants | AD |
| | Option warrants | AE |
| | Currency | AF |
| | Funds | AG |
| | Acquisition rights | AH |
| | Securities basket | AI |
| | Securities basket | AJ |
| | Interests | AK |
| | Share index | AL |
| | Bond Index | AM |
| | Futures | AN |
| | Investment units | AO |
| | Rights | AP |
| | Subscription/partial rights | AQ |

| | | |
|---|---|---|
| | Index basket | AR |
| | Profit participation rights | AS |
| | Cash | AT |
| | Units | AU |
| | Bond purchase offer | AV |
| | Other | AW |
| | Escrow shares | AX |
| | Contingent value rights | AY |
| | ADR/GDR | AZ |
| UA2 | And | A |
| | Or | B |
| UB4 | 144A | A |
| | RegS | B |
| | IAI | C |
| | QIB | D |
| | Non US | E |
| | AI | F |
| UB5 | Introduction of the new securities is currently under consideration | A |
| | the new security is not yet known | B |
| UB9 | Optional | A |

| | | |
|---|---|---|
| | Obligatory | B |
| UC1 | Conversion/Exchange | AA |
| | Cash compensation | AB |
| | Exchange and cash compensation | AC |
| | Exchange or cash compensation | AD |
| | Exchange and/or cash compensation | AE |
| | Change | AF |
| | Payment possible | AG |
| | Without payment | AH |
| | Deletion | AI |
| | Exchange in several | AJ |
| | Exchange in several and cash compensation | AK |
| | Exchange in several or cash compensation | AL |
| | Exchange in several and/or cash compensation | AM |
| | Reclassification | AN |
| | Exchange on the maturity date, an amount to the credit of the warrant holder is paid out | AO |
| | Exchange, automatic rights exercise at the end of the term; any amount accruing from the option right to the credit of the warrant holder is paid out | AP |
| UC2 | Creditor/shareholder | A |
| | Issuer | B |

# 19. Abolition of BID 91

WM Datenservice will not deliver so-called deadline BIDs in the future, identified by the date in field GD090 or XD110 greater than the current date.

Thus, the delivered information is effective as soon as it is published, unless there is no corresponding date field (such as ex date) for the respective information.

In EDDy_neu the above mentioned fields are treated like all other fields. They are only delivered if an adjustment has been made in the field and if they are part of the respective profile. Please also refer to our document: https://eic.wmdaten.com/index.php/documents/category/9

# 20. IBOR

## 20.1. Introduction

The replacement of reference interest rates (keywords: IBOR Reform, Interbank Offered Rates (IBOR), Risk-free Rates (RfRs), Risk-free Rates Benchmarks, Benchmark Reform) by the end of 2021 also requires corresponding adjustments in the WM database. To reflect these changes, we will summarize, with the following concept, the key points of the reform. This concept is closely linked to the concept for the depiction of interest rate phases / floaters under section 21. The underlying, which is the object of the design in the following fields, is presented in GV1F47/ GV1F48. This concept is not technically implemented as a table variable. The following fields represent individual fields.

## 20.2. Functionality

| Field ID | Name | Table | Table content (Decode) | Commentary |
|---|---|---|---|---|
| GD802L | Compounded/Simple Average | Table FK4 | •Compounded<br>• Simple Average | |
| GD802M | Backward/Forward-Looking | Table FK5 | •Backward<br>• Forward | |
| GD802N | Backward Type | Table FK6 | • Lookback Period<br>• Payment Delay<br>• Last Reset<br>• Lockout/ | Field assignment according to the definitions of the European Central Bank (ECB), see source. |

| Field ID | Name | Table | Table content (Decode) | Commentary |
|---|---|---|---|---|
| | | | Suspension Period | |
| GD802P | Lookback Type | Table FK7 | • Shift<br>• Lag | |
| GD802Q | Lookback or Lockout Days | - | - | |
| GD802R | Type of Lookback or Lockout Days | Table FM5 | • Bank working days<br>• Calendar days | |
| GD802S | Waterfall Level 1 | Table FK5 | • Backward<br>• Forward | |
| GD802T | Waterfall Level 2 | Table FK5 | • Backward<br>• Forward | |
| GD802U | Effective Date Reference Date New | - | - | If there has been a change in the reference interest rate as part of the reform, the effective date of this change is provided here. |
| GD802V | ISIN Reference Interest Rate Old | - | - | The ISIN of the reference interest rate valid before the reform. |
| GD802W | Margin Sign Old | Table FL7 | • +<br>• - | The plus/minus sign to the margin of the previous reference rate from GD802V. |
| GD802X | Margin Old | - | - | The margin of the previous reference rate from GD802V. |

**Source:**

When using the new technical interest rate terms to determine the core of the interest rate calculation and the elements for the interest rate base information, there will be no translation into German. On 23 November 2020, the ECB published a reference documentation.

“Public consultation by the working group on the euro risk-free rates”. Source: www.ecb.europa.eu

# 21. Concept for the presentation of interest phases / floater

## 21.1. Introduction

In this concept, the interest phases of a security and the details of the floater structure are depicted. The current depiction of these two separate issues is implemented in GV325 (interest rate phases) and GD808 et seq. (interest/dividend amount dependency).

In the future implementation via EDDy_neu, these two sub-areas will be merged under the generic term "interest phases", as they often interlock in practice and thus complement each other in a meaningful way. How this interlocking is to be understood will be explained in the following.

The representation of this new concept is additive to the currently existing field assignment. In the new EDDy_Neu data feed, the old and the new representation of the fields are both included in one delivery. The representations will be provided redundantly until further notice, even after the parallel phase. Please note that under EDDy_neu the additional text fields / additional information for individual fields will no longer be delivered (chapter 8).

The field adjustments according to documentation D20_E are to be understood as additive in this chapter. The representation via old fields and contents will continue to be delivered after the parallel phase has ended.

## 21.2. Functionality

The new structure differs from the presentation of the individual fields around GD808 ff. in that all the information previously recorded there is now combined under a table variable GV1F4 (INTEREST PHASES). The presentation of the original fields in GV325 (INTEREST PHASES) has been largely adopted and does not differ fundamentally from the new presentation, as these fields already functioned like table sub-variables in the old presentation. The old wording for this was "linkage fields“.

It is now possible to enter any number of entries for the table variable. From a practical point of view, however, in most cases one to a maximum of three rows will be filled.

The table is filled for entries that represent a) several changing interest phases or b) floaters (GD805=V).

Please note that an interest phase is not the same as an interest period. An interest phase usually contains several interest periods.

## 21.3. Detailed field description of the field structure

| New Field ID | Name | Old field | Description |
|---|---|---|---|
| GV1F4 | INTEREST PHASES | Not available | The parent field of the table variable is not populated. |
| GV1F40 | TYPE | GV325A | The type of interest phase. For the old field GV325A, the underlying key table has changed slightly. The key "Pro-rated interest rates" has been removed; the key "Fixed interest amount" has been added. |
| GV1F41 | INTEREST CALCULATION METHOD | GV325D | The interest calculation method according to table F93. |
| GV1F42 | DATE FROM | GV325B | The start date of the respective interest phase. |
| GV1F43 | DATE TO | GV325C | The end date of the respective interest phase. |
| GV1F44 | INTEREST RATE | Not available | An interest phase with a fixed interest rate is shown here as interest p.a. The indication is in percent, analogous to the field GD801A. |
| GV1F45 | FIXED INTEREST AMOUNT | Not available | In this field, fixed interest amounts independent of interest periods are shown, which were previously shown via the flow texts in GD801A or GD805. |
| GV1F46 | FIXED INTEREST AMOUNT CHARACTERISTIC | Not available | The value of the corresponding fixed interest amount in GD802J GV1F45 is shown here. Either it is a percentage or an amount in issue currency. |
| GV1F47 | INTEREST RATE DEPENDENCY ISIN (PARALLEL FIELD) | GD808PI | In case the interest rate is dependent of another instrument, this field contains the ISIN of the corresponding instrument. |

| New Field ID | Name | Old field | Description |
|---|---|---|---|
| GV1F48 | INTEREST RATE DEPENDENCY WKN | GD808E | In case the interest rate is dependent of another instrument, this field contains the WKN of the corresponding instrument. |
| GV1F49 | REFERENCE TERM TYPE | GD808A | This field contains the type of maturity of the instrument on which the interest rate amount depends. |
| GV1F4A | REFERENCE TERM QUANTITY | GD808B | According to field GV1F49 REFERENCE-TERM TYPE, this field contains the number of days/weeks/months/years of the term of the instrument on which the amount of the interest rate depends. |
| GV1F4B | INTEREST RATE FIXING DAY COUNT | GD809 | This field contains, for floating rate securities, the numerator for the day on which the new interest rate is set. The basis for the calculation of the days is given in field GV1F4E DAY COUNT BASIS. |
| GV1F4C | DATE OF NEXT INTEREST RATE FIXING | GD809A | This field contains the date when the interest rate for the next interest period will be set. |
| GV1F4D | INTEREST RATE FIXING DAY TYPE | GD809B | This field contains the type of days according to table F07. |
| GV1F4E | DAY COUNT BASIS | GD809C | This field contains the basis for the calculation of the days for floating rate classes in addition to field GV1F4B INTEREST RATE FIXING DAY COUNT. |
| GV1F4F | FIXING-TERM NUMBER / SECURITY | GD811D | This field contains the number corresponding to field GV1F4G FIXING-TERM TYPE / SECURITY. |
| GV1F4G | FIXING-TERM TYPE / SECURITY | GD811C | This field contains the type of term of the fixing of the security. The corresponding number is provided in field GV1F4F. |

| New Field ID | Name | Old field | Description |
|---|---|---|---|
| GV1F4H | BASE INTEREST % | GD804B | This field contains the base interest rate in % for index-linked bonds.<br><br>For inflation-linked bonds (par value variant, see [OLD: GV749] NEW: GD749 - key 1), the base interest rate is multiplied by the index coefficient from field GV958 INDEXATION COEFFICIENT.<br><br>In the case of reverse floating rate bonds, the field contains the base interest rate in % from which the reference interest rate according to field GV1F47/ GV1F48 is subtracted or, if necessary, added x-times. |
| GV1F4J | BASE INTEREST OPERATOR | Not available | Calculation operator in relation to the base interest rate in GV1F4H. In the case of reverse floaters, the key "-" must be selected, since a multiple of the reference interest rate as per field GV1F47/ GV1F48 is deducted from the base interest rate. For inflation-linked bonds, the key "*" must be selected, as the prime rate is multiplied by the index coefficient. Both keys are provided in table FL5. |
| GV1F4K | MULTIPLICATION FACTOR | Similar to GD804C (without plus /minus) | This field contains the multiplier used to determine the multiple of the reference interest rate according to field GV1F47/ GV1F48, which is deducted from or added to the base interest rate in field GV1F4H. |
| GV1F4L | MULTIPLICATION FACTOR BASIS | Not available | Indicates, according to table FL6, whether the multiplication factor refers to the base rate or to the (interest) underlying. |
| GV1F4M | MARGIN SIGN | Not available | The sign for the GV1F4N field. The corresponding table is FL7. |
| GV1F4N | MARGIN | Similar to GD808C (without plus /minus)) | This field contains the percentage that will be deducted or added to the instrument in field GV1F47/ GV1F48. |

| New Field ID | Name | Old field | Description |
|---|---|---|---|
| GV1F4O | MINIMUM INTEREST RATE/ DIVIDEND | GD803E | This field contains, if applicable, the minimum interest rate according to the terms of issue in the case of floating-rate securities and the minimum dividend rate in the case of preferred shares. The maximum interest rate or maximum dividend rate is contained in field GV1F4P MAXIMUM INTEREST RATE/DIVIDEND.<br><br>If the value provided in this field is an interest rate, the field GV1F4Q PERCENTAGE IDENTIFIER is populated (usually %), if, instead, it is an amount, the field GV1F4R CURRENCY DIVIDEND/INTEREST is occupied with the corresponding currency.<br><br>The applicable interest rate is provided in field GD801A INTEREST RATE % P.A. for floating rate securities, while the applicable dividend rate payable on preferred shares is reported exclusively in Segment E Income Notices. |
| GV1F4P | MAXIMUM INTEREST RATE/ DIVIDEND | GD804E | This field contains, if applicable, the maximum interest rate according to the terms of issue in the case of floating-rate securities and the maximum dividend rate in the case of preferred shares. The minimum interest rate or minimum dividend rate is contained in field GV1F4O MINIMUM INTEREST RATE/DIVIDEND.<br><br>If the value provided in this field is an interest rate, the field GV1F4Q PERCENTAGE IDENTIFIER is populated (usually %), if, instead, it is an amount, the field GV1F4R CURRENCY DIVIDEND/INTEREST is occupied with the corresponding currency.<br><br>The applicable interest rate is provided in field GD801A INTEREST RATE % P.A. for floating rate securities, while the applicable dividend rate payable on preferred shares is reported exclusively in Segment E Income Notices. |

| New Field ID | Name | Old field | Description |
|---|---|---|---|
| GV1F4Q | PERCENTAGE IDENTIFIER | GD806 | This field contains the percent sign (%) if the fields<br>GV1F4O MINIMUM INTEREST RATE/DIVIDEND<br>GV1F4P MAXIMUM INTEREST RATE/ DIVIDEND GD807 INTEREST/ DIVIDEND PREFERENCE contain a percentage.<br>It contains a blank if these fields are populated by amounts. |
| GV1F4R | CURRENCY/UNIT/TOKEN DIVIDEND/INTEREST | GD806A | This field contains the currency according to tab no. W01 for fields GD803E MINIMUM INTEREST RATE/DIVIDEND, GD804E MAXIMUM INTEREST RATE/DIVIDEND, GD807 INTEREST/DIVIDEND PREFERENCE. |
| GV1F4S | DEPENDENT INTEREST RATE % | GD808D | In the case of percentage dependencies, e.g. of indices, this field contains the percentage of the dependency.<br>The instrument on which the interest/ dividend amount depends is provided in field GV1F47/ GV1F48. |
| GV1F4T | FLOATER CLASSIFICATION NBF | GD189H | This field is used to classify floaters with respect to the complexity of their coupons. Table GR9 is relevant here. |
| GV1F4U | COMPLEX STRUCTURE | Not available | This field identifies floating rate financial instruments, for which, due to the complexity of the floater terms, a fully formatted representation in the WM database is not possible. The entries in table FL8 are relevant for this purpose. The three entries<br>“Frequency switch event” “Coupon switch option” and “Frequency change”<br>Indicate concrete circumstances, while the "complex" entry indicates another undefined complex circumstance. |

## 21.4. Overview of old fields

In the new Eddy_Neu data feed, the old and the new representation of the fields are both included in one delivery. The representations are provided redundantly.

| Field ID | Name |
|---|---|
| GD806 | % identifier |
| GD806A | Div./int.C/U/T |
| GD808 | Int./div. link. |
| GD803E | Minimum int./div. |
| GD804E | Maximum int./div. |
| GD804B | Base int. rate % |
| GD804C | Multipl*IBOR+/./. |
| GD808E | Int.linkage WKN |
| GD808PI | Int.linkage ISIN |
| GD808A | Linkage term type |
| GD808B | Link.term.quant. |
| GD808C | Perc*IBOR+/./. |
| GD808D | Int.linkage % |
| GD809 | Int.rate fix.date |
| GD809A | Next rate fixing |

| Field ID | Name |
|---|---|
| GD809B | Int.fix.day spec. |
| GD809C | Day count basis |
| GD811D | Fix.Term No. Sec. |
| GD811C | Fix.Term.Type Sec |
| GD814 | Techn. int. date |
| GV325 | Interest phases |
| GD189H | Floater class. |

The field changes according to document D20_E are to be regarded as additive to this chapter. The old representation via old fields and contents will be provided even after the parallel phase has ended.

# 21.5. Example of field population (decode values)

In the case of the empty cells, the corresponding information is either not relevant or unknown at the time of entry

| | TYPE | INTEREST CALCULATION METHOD | DATE FROM | DATE TO | INTEREST RATE | FIXED INTEREST AMOUNT | FIXED INTEREST AMOUNT CHARACTERISTIC | ISIN DEPENDENCY INTEREST RATE (PARALLEL FIELD) | WKN DEPENDENCY INTEREST RATE | REFERENCE PERIOD TYPE | REFERENCE PERIOD NUMBER | INTEREST RATE FIXING DAY COUNT | DATE OF THE NEXT INTEREST RATE FIXING | INTEREST RATE FIXING DAY TYPE | DAY COUNT BASIS | FIXING TERM NUMBER/ SECURITY | FIXING TERM TYPE/ SECURITY | BASE INTEREST RATE % | BASE INTEREST RATE COMPUTING OPERATOR | MULTIPLICATION FACTOR | MULTIPLICATION FACTOR BASIS | MARGIN SIGN | MARGIN | MINIMUM INTEREST RATE/DIVIDEND | MAXIMUM INTEREST RATE/DIVIDEND | PERCENTAGE ID | CURRENCY/UNIT/TOKEN DIVIDEND/INTEREST | DEPENDENT INTEREST RATE % | FLOATER CLASSIFICATION NBF | COMPLEX STRUCTURE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| The matters in text form | GV1F40 | GV1F41 | GV1F42 | GV1F43 | GV1F44 | GV1F45 | GV1F46 | GV1F47 | GV1F48 | GV1F49 | GV1F4A | GV1F4B | GV1F4C | GV1F4D | GV1F4E | GV1F4F | GV1F4G | GV1F4H | GV1F4J | GV1F4K | GV1F4L | GV1F4M | GV1F4N | GV1F4O | GV1F4P | GV1F4Q | GV1F4R | GV1F4S | GV1F4T | GV1F4U |
| 5.375%; as of 28.1.2026: 5-year US T-bill rate plus 4.928%. | Fixed interest rate | 01 German day count | 28.01.2021 | 27.01.2026 | 5.375 | | | | | | | | | | | | | | | | | | | | | | | | 01 Non-structured coupon | |
| | Variable interest rate | 01 German day count | 28.01.2026 | 27.01.2031 | | | | XC0006013574 | 601357 | Years | 5 | | | | | 5 | Years | | | | | + | 4.928 | | | | | | 01 Non-structured coupon | |
| 6.2% minus 1-Month-Libor; max. 6.2% min. 0% | Variable interest rate (rev.) | 01 German day count | 25.09.2018 | 24.10.2048 | | | | GB00BD080607 | A2GGL2 | Months | 1 | 2 | | Bank business days | Before beginning of new interest period | 1 | Months | 6.20 | - | 1 | Underlying | | | 0.00 | 6.20 | % | | | 08 CF: Inverse | |
| 5.5%; as of 25.11.2016: 5.5% - (2 x 6-month Libor) | Fixed interest rate | 01 German day count | 25.11.2015 | 24.11.2016 | 5.50 | | | | | | | | | | | | | | | | | | | | | | | | 08 CF: Inverse | |
| | Variable interest rate (rev.) | 01 German day count | 25.11.2016 | 24.11.2023 | | | | GB00BD080821 | A2GGL4 | Months | 6 | 2 | | Bank business days | Before beginning of new interest period | | | 5.50 | - | 2 | Underlying | | | | | | | | 08 CF: Inverse | |
| 3.3%; from 5.10.2018: min [5%, max [10-year CMS plus 0.9%.0%]] | Fixed interest rate | 06 Day count | 05.10.2015 | 04.10.2018 | 3.30 | | | | | | | | | | | | | | | | | | | | | | | | 02 Structured coupon, no CF | |
| | Variable interest rate | 06 Day count | 05.10.2018 | 04.10.2030 | | | | XC0006168915 | 616891 | Years | 10 | 2 | | Bank business days | Before beginning of new interest period | 1 | Years | | | | | | | | | | | | 02 Structured coupon, no CF | Complex |
| 3-month Euribor (min.0%) plus 0.93%. Upon occurrence of a frequency switch event: 6-month Euribor (min.0%) plus 0.93%. | Variable interest rate | 03 French day count | 06.11.2019 | 19.10.2032 | | | | EU0009652783 | 965278 | Months | 3 | 2 | | Bank business days | Before beginning of new interest period | 3 | Months | | | | | + | 0.93 | 0.00 | | | | | 14 CF: Other | |
| | Variable interest rate | 03 French day count | | | | | | EU0009652791 | 965279 | | | | | | | | | | | | | + | 0.93 | 0.00 | | | | | 14 CF: Other | Frequency Switch Event |
| 90%x10-year CMS; min.4%, max.7% | Variable interest rate | 01 German day count | 19.09.2011 | 18.09.2021 | | | | XC0006168915 | 616891 | Years | 10 | 2 | | Bank business days | Before beginning of new interest period | 1 | Years | | | | | | | 4.00 | 7.00 | % | | 90 | 02 Structured coupon, no CF | |
| Fixed interest rate: 0.70% p.a.; from 01.03.2023: The result of base interest rate - factor x reference interest rate. Minimum interest rate: 0.00%, Maximum interest rate: 2.00%, Base interest rate: 2.00%, Factor: 4.00, Reference interest rate: 12-month EURIBOR | Fixed interest rate | 09 Day count ICMA 251 | 03.03.2021 | 28.02.2023 | 0.70 | | | | | | | | | | | | | | | | | | | | | | | | 08 CF: Inverse | |
| | Variable interest rate | 09 Day count ICMA 251 | 01.03.2023 | 28.02.2041 | | | | EU0009652809 | 965280 | Months | 12 | 5 | 28.02.2024 | Bank business days | Before beginning of new interest period | 12 | Months | 2.00 | - | 4 | Underlying | | | 0.00 | 2.00 | % | | | 08 CF: Inverse | |
| 1.75 euros fixed amount. From 28.09.2023 1.75 euros fixed amount if share exceeds Additional Amount Level; otherwise 0.00 euros | Fixed interest amount | 99 No day count | 25.09.2020 | 27.09.2023 | | 1,75 | Issue currency | | | | | | | | | | | | | | | | | | | | | | 12 CF: Equity price link. | |
| | Variable interest rate | 99 No day count | 28.09.2023 | 21.12.2023 | | 1,75 | Issue currency | NL0010877643 | A12CBU | | | 5 | 14.12.2023 | Bank business days | Before current coupon due date | | | | | | | | | 0.00 | 1.75 | | EO | | 12 CF: Equity price link. | Complex |
| 4% plus variable interest, which depends on the distributions of the underlying "Reference Fund | Variable interest rate | 10 Day count ISDA | 05.01.2021 | 15.06.2046 | | | | | | | | | | | | | | | | | | | | | | | | | 01 Non-structured coupon | Complex |
| 0.125% (base rate) multiplied by the index coefficient valid on the day of settlement (depending on the inflation index) | Variable interest rate | 04 Day count/US-Treas.1/2yr | 15.07.2014 | 14.07.2024 | | | | XC0005705766 | 570576 | | | | 15.07.2021 | | | | | 0.125 | * | | | | | | | | | | 01 Non-structured coupon | |
| 3-Month-Libor plus 1.6 | Variable interest rate | 03 French day count | 09.11.2017 | 04.11.2029 | | | | GB00BD080714 | A2GGL3 | Months | 3 | 2 | | Bank business days | Before beginning of new interest period | 3 | Months | | | | | + | 1.6 | | | | | | 01 Non-structured coupon | |
| 12/2010 to 12/2011: 11% fixed coupon | Fixed interest rate | 01 German day count | 30.12.2010 | 29.12.2011 | 11.00 | | | | | | | | | | | | | | | | | | | | | | | | 05 CF: Linkage to 1+ rates | Complex |
| | Variable inte | 01 German day count | 30.12.2011 | 29.12.2030 | | | | XC0001457610 | 145761 | | | | | | | | | | | | | | | 0.00 | 11.00 | % | | | 05 CF: Linkage to 1+ rates | Complex |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (30-year CMS - 2-year CMS) - 0.50%; min. 0%, max. 11%\| | rest rate | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Variable interest rate | 01 German day count | 30.12.2011 | 29.12.2030 | | | | XC0007240242 | 724024 | | | | | | | | | | | | | | | 0.00 | 11.00 | % | | | 05 CF: Linkage to 1+ rates | Complex |

# 22. ESG

## 22.1. Introduction

ESG investments have gained enormous importance in recent years. It is becoming increasingly important for investors to ensure that their investment decisions meet not only economic but also environmental, social and both political and societal justice requirements. For us as a data provider, it is therefore necessary to accurately identify the details in each case.

## 22.2. Functionality

Until now, we have maintained the field GD662B (KEY SUSTAINABLE FINANCIAL INSTRUMENTS GREEN BONDS) in our database. This yes/no specification is now replaced by the field GD504Y (ESG BOND) with the underlying FK2 table. The table contains the following entries:

| **Table FK2 entries** |
|---|
| Green bond |
| Social bond |
| Sustainability bond |
| Other ESG bond |

## 22.3 Expansion of the MIFID II target market to include ESG preferences

In the context of the European Green Deal and the embedded "Action Plan: Financing Sustainable Growth", the current target market descriptions shall be expanded on the basis of corresponding ESMA requirements, by taking into account ESG preferences, which include environmental, social and governance aspects.

In the process of the final consultations with the WM Regulatory Working Group, the introduction of three new data fields with corresponding characteristics as well as the adjustment of two existing target market fields was implicitly confirmed by the market (incl. associations) by commissioning WM Datenservice with the implementation of the fields. We have already published a corresponding Special Information issue in February 2021. (Special Information F01a of February 2021).

Overview New fields/variables:

| Description | Field | Variable | Table | Permissible values /Decodes | Format | Multi Value Y/N |
|---|---|---|---|---|---|---|
| SUSTAINABILITY_ PRE-FERENCE | GD350W | SustainPreference | **FJ2** | **Please refer to the WM-Dok for the current keys.** | Alpha-betic, 1 character | N |
| SUSTAINABILITY_MAIN_FOCUS | GD350Y | SustainMainFocus | **FJ3** | **Please refer to the WM-Dok for the current keys.** | Alpha-betic, 1 character | N |
| SUSTAINABILITY_LABEL* | GV9W9 | SustainLabel | **FJ4** | **Please refer to the WM-Dok for the current keys.** | Numeric, 2 digits | Y |

# 23. Payment in kind

## 23.1. Introduction

Up to now, the payment-in-kind topic was represented in field GD763B (PAYMENT IN KIND TYPE). The detailed features were shown in the continuous text of GD801A (INTEREST RATE %). The continuous texts will be replaced by structured fields. The feature details can be depicted via the following concept. This concept replaces the previous representation.

## 23.2. Functionality

The concept is represented as a table variable. Each piece of information is therefore to be read in the context of the row in which it occurs. The information in GV1F3A (DATE FROM) and GV1F3B (DATE TO) is not exclusive, i.e. it is possible to create several rows for the same PIK phase. This is necessary for the cases where there is a toggle possibility. See also the examples in the following sub-chapter.

## 23.3. Detailed field description of the new field

| Field ID | Name | Description |
|---|---|---|
| GV1F3 | PAY IN KIND | The parent field of the table variable. It is not populated. |
| GV1F3A | DATE FROM | The start date of the respective PIK phase. |
| GV1F3B | DATE TO | The end date of the respective PIK phase. |
| GV1F3C | CASH | Cash payment in percent p.a. during the selected PIK period. |
| GV1F3D | NOTES | Payment in notes in percent p.a. during the selected PIK period. |
| GV1F3E | TOGGLE | This field indicates, on the basis of the issuer's choice, whether a payment is effected in cash or notes or a hybrid thereof. |

| Field ID | Name | Description |
|---|---|---|
| GV1F3F | DETAILS UNKNOWN | If the details of the PIK treatment are currently unknown, this field is populated by "J". E.g. if a toggle feature exists, but the amount of additional notes has not yet been determined. |

**Field population example (decode values)**

| | DATE FROM | DATE TO | CASH | NOTES | TOGGLE | DETAILS UNKNOWN |
|---|---|---|---|---|---|---|
| **Description in Text form** | **GV1F3A** | **GV1F3B** | **GV1F3C** | **GV1F3D** | **GV1F3E** | **GV1F3F** |
| Issuer can opt for interest payment in cash or in additional notes. Interest payment in cash is at 8.875%, interest payment in additional notes is at 9.625%. | 01.01.2020 | 31.12.2021 | 8.875 | | Yes | |
| | 01.01.2020 | 31.12.2021 | | 9.625 | Yes | |
| Interest paid in cash at 5% and in additional notes at 5% | 01.01.2020 | 31.12.2021 | 5 | 5 | No | |
| 7.5% in cash or unknown amount of additional notes, from 2018: 10% in cash or unknown amount of additional notes. | 01.01.2017 | 31.05.2018 | 7.5 | | Yes | |
| | 01.01.2017 | 31.05.2018 | | | Yes | Yes |
| | 01.06.2018 | 31.12.2020 | 10 | | Yes | |
| | 01.06.2018 | 31.12.2020 | | | Yes | Yes |
| Issuer can opt that interest payments are made for the first two interest periods at 5% in cash and 3% in additional notes or at 8% in additional notes. Interest payments for the following interest periods are made at 5% in cash and 3% in additional notes. | 01.01.2017 | 31.05.2018 | 5 | 3 | Yes | |
| | 01.01.2017 | 31.05.2018 | | 8 | Yes | |
| | 01.06.2018 | 31.12.2020 | 5 | 3 | No | |

# 24. Calls/Puts

## 24.1. Introduction

This table variable can be used to enter detailed information on the individual call/put dates and their respective features. This applies to all call, put, and special call types equally. This concept replaces the previous presentation in fields GD941ff (call type), GD951ff (put type) and GD961ff (special call type).

## 24.2. Functionality

Each individual call/put date is shown in a separate row of the table variable. This applies also to different call and put types as shown in the examples under 24.5.

## 24.3. Detailed field description of the new field structure

| New Field ID | Name | Old field | Table | Table values (Decode) | Description |
|---|---|---|---|---|---|
| GV1F5 | CALLS/PUTS | Non existent | - | - | The parent field of the table variable. It is not populated. |
| GV1F50 | CALL/PUT TYPE | Non existent | FL9 | • Call<br>• Put<br>• Event-driven | Generic term for the type of termination with adapted terms. Debtor termination (call), creditor termination (put), special termination (event-driven). |
| GV1F51 | EVENT-DRIVEN TYPE | partially GD961, GD951A | FM1 | • for tax reasons<br>• Barrier breach (share / underlying)<br>• Clean up call<br>• Collateral clean up call<br>• Deal clean up call<br>• Equity claw back call<br>• Control change<br>• Majority decision holder controlling class / sub. Nts | Value, if the key "Event-Driven" has been selected in GV1F50. |

| New Field ID | Name | Old field | Table | Table values (Decode) | Description |
|---|---|---|---|---|---|
| | | | | • Mandatory conversion into shares upon occurrence of a trigger event<br>• other | |
| GV1F52 | AUTOCALL | Non existent | G83 | • Yes<br>• No | |
| GV1F53 | MAKE WHOLE CALL | Non existent | G83 | • Yes<br>• No | |
| GV1F54 | PARTIAL CALL/PUT | Non existent | G83 | • Yes<br>• No | |
| GV1F55 | CLEAN UP PERCENTAGE | GD258J | - | - | If a clean up call has been selected in GV1F51, this field contains the clean up % rate. As soon as the clean up % rate falls below the original exposure volume, the issuer has the right to immediately redeem the outstanding bonds. |
| GV1F56 | EQUITY CLAW BACK START DATE | Non existent | - | - | The corresponding start date if the key for "equity claw back call" has been selected in GV1F51. |
| GV1F57 | EQUITY CLAW BACK END DATE | Non existent | - | - | The corresponding end date if the key for "equity claw back call" has been selected in GV1F51. |
| GV1F58 | EQUITY CLAW BACK PERCENTAGE | Non existent | - | - | The corresponding percentage if the key for "equity claw back call" has been selected in GV1F51. |

| New Field ID | Name | Old field | Table | Table values (Decode) | Description |
|---|---|---|---|---|---|
| GV1F59 | BARRIER BREACH PERCENTAGE | Non existent | - | - | The corresponding percentage of the barrier if in GV1F51 the key for "Barrier breach (share/underlying)" has been selected. |
| GV1F5A | CALL/PUT DATE | GD942, GD952, GD962 | - | - | This linkage provides the exact call/put date if GV1F5C PERIODICITY TYPE is populated by key 3 “on specific dates”.<br>If key 1 "At any time" or key 2 “On every interest date” is indicated in GV1F5C, the entry in this field is interpreted as the start date (from). |
| GV1F5B | CALL/PUT PRICE | GV945, GV955,; GV965; contains information from GD944A, GD954A, GD964A | - | - | The call/put price as of the date in GV1F5A, if available. |
| GV1F5C | PERIODICITY TYPE | partially GD941, GD951, GD961 | FM2 | • any time<br>• at every interest date<br>• at certain dates<br>• cannot be depicted | Indication in which interval the call/put date from GV1F5A is recurrent. If there are several call/put dates, this information is also repeated in each line. |
| GV1F5D | INTERVAL | Not available | - | - | The field block GV1F5D to GV1F5G can be populated if the key for "on specific dates" has been selected in GV1F5C. Then an indication of the underlying periodicity is possible in this block, provided that the periodicity can be mapped.<br>In this case, the interval of the call dates is defined in GV1F5D in connection with the entry in GV1F5E. |
| GV1F5E | INTERVAL TYPE | Not available | FM3 | • Year<br>• Month | |
| GV1F5F | MONTH | Not available | FK9 | • January<br>• …<br>• December | |
| GV1F5G | DAY | Not available | FM4 | •1st of the month | |

| New Field ID | Name | Old field | Table | Table values (Decode) | Description |
|---|---|---|---|---|---|
| | | | | •…<br>• 31st of the month<br>• First banking day of the month<br>• Last banking day of the month<br>• First banking day of the year<br>• Last banking day of the year<br>• Last calendar day of the month | GV1F5F and GV1F5G then focus on the exact date or start date of the possible call dates.<br>Example:<br>GV1F5D: 3<br>GV1F5E: Month<br>GV1F5F: April<br>GV1F5G: 25th of the month<br>Meaning: The selected type of call is possible every three months on the 25th of each month, starting from 25 April 20XX until the end of the term of the security.<br>This field block does not have to be populated if all termination dates are delivered individually. This means that these fields are only filled in certain cases. |
| GV1F5H | CALL/PUT DEADLINE YEAR | GD943, GD953, GD963 | - | - | This field contains the deadline in years by which a put or call must be published by the creditor or debtor. This field is to be interpreted in conjunction with the information in fields GV1F5J and GV1F5K. |
| GV1F5J | CALL/PUT DEADLINE MONTH | Non existent | - | - | This field contains the deadline in months by which a put or call must be published by the creditor or debtor. This field is to be interpreted in conjunction with the information in fields GV1F5H and GV1F5K. |
| GV1F5K | CALL/PUT DEADLINE DAY | Non existent | - | - | This field contains the deadline in days by which a put or call must be published by the creditor or debtor. This field must be interpreted in |

| New Field ID | Name | Old field | Table | Table values (Decode) | Description |
|---|---|---|---|---|---|
| | | | | | conjunction with the information in fields GV1F5H and GV1F5J. |
| GV1F5L | CALL/PUT DEADLINE TYPE DAYS | Non existent | FM5 | • Banking day<br>• Calendar day | This field contains the type of days specified in GV1F5K. |
| GV1F5M | CALL/PUT OPTION CURRENCY | GD944B, GD954B, GD964B | W02 | - | The currency at the price in GV1F5B. |
| GV1F5N | CALL/PUT PRICE IN PERCENT | GD944C, GD954C, GD964C | FM6 | • Percent | This field contains the percent sign, if the field GV1F5B is occupied with a percentage.<br>It contains a blank if this field is populated by an amount. |
| GV1F5O | CALL/PUT PRICE LINKAGE | GD924A, GD924B, GD924C | G83 | • Yes<br>• No | This field indicates whether or not there is a call/put price dependency.<br>In the case of key "J", field GV1F5B contains a blank. |
| GV1F5P | CALL/PUT PRICE LINKAGE ISIN | , GV934C, GV935C, GV936C | - | - | If there is a call/put price dependency according to GV1F5O, the ISIN on which the call/put price is dependent is provided here. |
| GV1F5Q | CALL/PUT PRICE LINKAGE WKN | GV934B, GV935B, GV936B | - | - | If there is a call/put price dependency according to GV1F5O, the WKN on which the call/put price is dependent is provided here. |
| GV1F5R | CALL/PUT PRICE LINKAGE TYPE | GV934A, GV935A, GV936A | F19 | - | The type of dependent instruments in GV1F5P/GV1F5Q |

## 24.4. With the implementation of EDDy_neu the following fields are omitted

| Field ID | Name |
|---|---|
| GV945 | Call option |
| GD941 | Call option type |
| GD942 | Call option date |
| GD943 | Call option deadl |
| GD944A | Call option price |
| GD944B | Call opt pr C/U/T |
| GD944C | Call opt.price % |
| GD924B | Call price link. |
| GV935 | Call price link |
| GV955 | Put option |
| GD951 | Put option type |
| GD951A | Special Put type |
| GD952 | Put option date |
| GD953 | Put option deadl. |
| GD954A | Put option price |

| Field ID | Name |
|---|---|
| GD954B | Put opt pr C/U/T. |
| GD954C | Put opt.pr.% |
| GD924A | Put price linkage |
| GV934 | Put price link. |
| GV965 | Special call |
| GD961 | Special call type |
| GD258J | Clean up %age |
| GD962 | Special call date |
| GD963 | Sp.call right dea |
| GD964A | Sp.call right pr. |
| GD964B | Spec call prC/U/T |
| GD964C | Spec. call pr. % |
| GD924C | Spec.call pr.link |
| GV936 | Sp.call pr.link |

# 24.5. Field population example (decode values)

| | CALL/PUT TYPE | EVENT DRIVEN TYPE | AUTOCALL | MAKE WHOLE CALL | PARTIAL CALL/PUT | CLEAN UP % | EQUITY CLAW BACK START DATE | EQUITY CLAW BACK END DATE | EQUITY CLAW BACK PCT. | BARRIER BREACH PERCENTAGE | CALL/PUT DATE | CALL/PUT PRICE | PERIODICITY TYPE | INTERVALL | INTERVAL TYPE | MONTH | DAY | CALL/PUT DEADLINE YEAR | CALL/PUT DEADLINE MONTH | CALL/PUT DEADLINE DAY | CALL/PUT DEADLINE TYPE DAYS | CALL/PUT CURRENCY | CALL/PUT PRICE IN PERCENT | CALL/PUT PRICE LINKAGE | CALL/PUT PRICE LINKAGE ISIN | CALL/PUT PRICE LINKAGE WKN | CALL/PUT PRICE LINKAGE TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| The matters in text form | GV1F50 | GV1F51 | GV1F52 | GV1F53 | GV1F54 | GV1F55 | GV1F56 | GV1F57 | GV1F58 | GV1F59 | GV1F5A | GV1F5B | GV1F5C | GV1F5D | GV1F5E | GV1F5F | GV1F5G | GV1F5H | GV1F5J | GV1F5K | GV1F5L | GV1F5M | GV1F5N | GV1F5O | GV1F5P | GV1F5Q | GV1F5R |
| Annual cancellation on specific dates with known rates. | Call | | | | | | | | | | 30.11.2020 | 109 | on certain dates | 1 | Year | November | 30 | | | | | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 30.11.2021 | 113,5 | on certain dates | 1 | Year | November | 30 | | | | | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 30.11.2022 | 118 | on certain dates | 1 | Year | November | 30 | | | | | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 30.11.2023 | 122,5 | on certain dates | 1 | Year | November | 30 | | | | | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 30.11..2024 | 127 | on certain dates | 1 | Year | November | 30 | | | | | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 30.11..2025 | 131,5 | on certain dates | 1 | Year | November | 30 | | | | | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 30.11.2026 | 136 | on certain dates | 1 | Year | November | 30 | | | | | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 30.11.2027 | 140,5 | on certain dates | 1 | Year | November | 30 | | | | | EUR | Percent | No | | | |
| Quarterly cancellation on specific dates with known rates and a cancellation period of 30 calendar days. | Call | | | | | | | | | | 31.03.2020 | 109 | on certain dates | | | | | | | 30 | Calendar day | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 30.06.2020 | 106 | on certain dates | | | | | | | 30 | Calendar day | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 30.09.2020 | 103 | on certain dates | | | 30 | | | | 30 | Calendar day | EUR | Percent | No | | | |
| | Call | | | | | | | | | | 18.12.2020 | 100 | on certain dates | | | 30 | | | | 30 | Calendar day | EUR | Percent | No | | | |
| Call at any time, partial call possible | Call | | | | Yes | | | | | | 08.04.2022 | 100 | anytime | | | | | | | | | USD | Percent | No | | | |
| 1% Deal Clean-Up Call. | Event-driven | Deal Clean-Up Call | | | | 1 | | | | | 30.11.2004 | 100 | anytime | | | | | | | | | USD | Percent | No | | | |
| Call for tax reasons at any time. | Event-driven | for tax reasons | | | | | | | | | 04.11.2020 | 100 | anytime | | | | | | | | | CHF | Prozent | No | | | |
| Autocall on every interest date | Call | | Yes | | | | | | | | 11.06.2020 | 100 | at every interest date | | | | | | | | | USD | Percent | No | | | |
| Call option at any time with 7 bank working days' notice, amount depends on money market rate<br>and<br>put option at any time with 7 bank working days' notice, amount depending on money market rate<br>and<br>call option for tax reasons at any time with 30 bank working days' notice, amount depends on money market rate. | Call | | | | | | | | | | 04.02.2021 | | anytime | | | | | | | 7 | Banking day | | | Yes | XC000A0G9BV1 | A0G9BV | Money market rate |
| | Put | | | | | | | | | | 04.02.2021 | | anytime | | | | | | | 7 | Banking day | | | Yes | XC000A0G9BV1 | A0G9BV | Money market rate |
| | Event-Driven | for tax reasons | | | | | | | | | 04.03.2021 | | anytime | | | 30 | | | | 30 | Banking day | | | Yes | XC000A0G9BV1 | A0G9BV | Money market rate |

## 25. Inactive financial instruments

Under EDDy_neu, no changes will be made to inactive financial instruments in the future (GD100A = 3). However, as indicated in our Issuer Information issue "E03_2019", this does not apply to the products MIR II C, MIR II, and PRI as well as the investment fund prices in the products IFP, EBK, and JEK.

## 26. Contacts

If you have any queries, please contact the EDDy Information Center (EIC) customer portal at eic@wmdaten.com. Please refer to the number of this document in your subject line.

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