DEUTSCHE BUNDESBANK
EUROSYSTEM

Technical specifications for reference and credit data reports for AnaCredit to the Bundesbank – version 2.1 –

AnaCredit-BBk/RIAD-BBk

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List of versions

Version	Date	Description of modification
1.0	31 May 2017	Initial publication
1.1	28 June 2017	Modification of the data type “BBK_NotApplicable” from “NA” to “NOT_APPL” Modifications to section 3.4 in the table “BBK_ANCRDT_PRTCTN_RCVD_C” relating to the technical attribute name and data type specification: “TYP_PRTCTN” and “CL_BBK_TYP_PRTCTN_ANCRDT_CLLCTN_NA” instead of “PRTCTN_PRVDR_CD_TYP” and “CL_BBK_TYP_CP_ID”
1.2	13 September 2017	Modification of the column “Description (English)” in Table 6 under 3.4 Modification of “Description (German)” and data type specification for the attribute “DT_RFRNC” in Table 6 under 3.4. Modification of the data type specification for the attributes “ACCMLTD_WRTFFS”, “ACCMLTD_IMPRMNT”, “ACCRD_INTRST”, “SYNDCTD_CNTRCT_ID” and “PSTL_CD” in Table 6 under 3.4. Renaming of “Meldestichtag” to “Meldeperiode” Addition of section 3.2.8: Nil report Addition of section 4: Reply messages
1.3	12 March 2018	Addition to the data type specification for “GEN_OTHER_CD” in Table 6 under 3.4 Addition under 3.2.6 Renaming of “keys” to “identifiers” In Table 6: Modification of the reference to the code list for the attribute “IMPRMNT_STTS” Updating of section 2: Reference documents Modification of the data type specification in Table 6 for the attributes “CNTRCT_ID”, “INSTRMNT_ID”, “PRTCTN_ID” and “ENTTY_RIAD_CD”
1.4	2 May 2018	“SRVY_ID” adjusted in Table 3, Table 4, Figure 4 and Figure 5 Modifications in Table 6: - Description of data type specification for dates changed - Adjustment of reference to code list for the attribute “TYP_PRTCTN_VL” Modifications to 3.2.6: For replacements, the complete observation must be reported. For deletions, the identifiers of the observations are sufficient. Deletion occurs at the dataset level.
2.0	16 May 2018	Modifications in Table 6: - Further identifiers added - Adjustments to data type specification for identifiers - Deletion of identifier “IE_VAT_CD” Adjustment of data type specification for the attribute “TYP_OLD_CP_ID” Change to description of action attribute “Delete” in 3.2.6

2.1	18 June 2019	Changes to 3.1.3: Part message information in the file name must be reported Addition under 3.2.6 for action attribute “Delete” Addition of another SDMX dataset “BBK_ANCRDT_ENTTY_PRTCTD_C” under 3.3.1 in template file “BBK_RIAD” and in template file “BBK_ANCRDT_T1M” Addition of Section 3.3.1: reference to SDMX dataset “BBK_ANCRDT_ENTTY_PRTCTD_C” Modifications in Table 6: - Addition of identifiers AT_NOTAP_CD, CY_CBCID_CD, CY_OTHER_CD, FR_IF_CD, HK_CR_CD, IE_GOV_CD, IE_NOTAP_CD, LU_NOTAP_CD, NO_NBR_CD and SE_NOTAP_CD - Deletion of identifiers BG_OTHER_CD, CY_NOTAP_CD and HK_BR_CD - Adjustment of data type specification for attributes LEI, GB_CRN_CD, IT_CCIAA_CD, LT_INV_CD, LU_RCS_CD, LV_FON_CD, MC_RCI_CD, RO_CUI_CD, RO_TAX_CD and SK_ICO_CD, SYNDCTD_CNTRCT_ID, CNTRCT_ID, INSTRMNT_ID, PRTCTN_ID and ENTTY_RIAD_CD - Examples for following attributes added: PD, ANNLSD_AGRD_RT, INTRST_RT_CP, INTRST_RT_FLR, INTRST_RT_SPRD - Addition of dataset BBK_ANCRDT_ENTTY_PRTCTD_C Modifications in Table 11: Changes to dataset BBK_ANCRDT_VLD_ACK_C - Addition of attributes ENTTY_RL and VLD_FRM - Deletion of attribute CNDTN_IDS Adjustment of data type specification for attributes CNTRCT_ID, INSTRMNT_ID, PRTCTN_ID Addition of Section 4.3: Validation results reply message Addition of Section 4.4: Reply message for ECB validation results Addition of Section 4.5: File name of a reply message file

1 Introduction

This document outlines the technical format of the data exchange between AnaCredit reporting agents and the Bundesbank and contains a description of the counterparty reference data reports as well as the credit data reports for AnaCredit.

Knowledge of XML and the XML standard SDMX, especially version SDMX 2.1, is required in order to thoroughly understand the content of this document [STD-SDMX]. This document is not intended to serve as an introduction to XML or SDMX, which is why the standard documentation should be referred to for any technical details.

This documentation is intended for technical business units (IT departments, service providers) that have been tasked with creating and transmitting data to the Bundesbank's AnaCredit system.

The technical details are explained in a simplified form. More detailed documentation (XML template files) is available separately [Ana-SDMX]. In cases of doubt, the XML template files are the sole authoritative guideline for creating XML files.

2 Reference documents

[Ana]	Regulation (EU) 2016/867 of the European Central Bank of 18 May 2016	www.bundesbank.de/anacredit
[MS-S]	Reporting template for counterparty reference data	www.bundesbank.de/anacredit
[MS-K]	Reporting template for credit data	www.bundesbank.de/anacredit
[MANUAL-ECB]	ECB AnaCredit Reporting Manual	www.bundesbank.de/anacredit
[ANORDN-BBk]	Statistical instruction on credit data statistics (AnaCredit)	www.bundesbank.de/anacredit
[RL-BBk]	Guideline for credit data statistics (AnaCredit)	www.bundesbank.de/anacredit
[VLD_AC]	AnaCredit validation rules manual	www.bundesbank.de/anacredit
[Ana-SDMX]	Technical AnaCredit-BBk reporting template	www.bundesbank.de/anacredit
[SDMX]	SDMX Code-Oriented Guidelines	https://sdmx.org/?page_id=4345
[STD-SDMX]	SDMX 2.1 standard reporting template files	http://sdmx.org/wp-content/uploads/SDMX_2-1-1_SECTION_3B_SDMX_ML_Schemas_Samples_201308.zip
[EXTRANET]	General information on ExtraNet	http://www.bundesbank.de/Navigation/EN/Service/Extranet/extranet.html

[CD-LIST]	Code lists for the reporting templates	www.bundesbank.de/anacredit

3 Submitting reports to the Bundesbank

3.1 Information regarding transmission

Reports are to be transmitted in XML files in accordance with the stipulated RIAD-BBk or AnaCredit-BBk reporting templates.

3.1.1 ExtraNet

Files are delivered via the Bundesbank's ExtraNet. More information is available on the Bundesbank's website (see [EXTRANET]). There is an ExtraNet mailbox for counterparty reference data and an ExtraNet mailbox for credit data.
The ExtraNet links for the file exchange are as follows:
ExtraNet – Filetransfer: Document upload and download area in the test environment:
https://extranet-t.bundesbank.de/FT/
ExtraNet – Filetransfer: Document upload and download area in the live environment:
https://extranet.bundesbank.de/FT/

3.1.2 Structure of data delivery

The structure of the data deliveries is based on the reporting tables described in the AnaCredit Regulation [Ana], which are divided into three different templates in the Regulation (primarily based on the reporting frequency). The Bundesbank's templates for credit data correspond exactly to this breakdown. There is also an additional template for the counterparty reference data. See section 3.2.1 for details on the specific reporting templates. Pursuant to the Regulation, a reporting agent must submit a report for each of their observed agents. The reporting agent may entrust a service provider with this task, who is also able to submit reports for several reporting agents.

Each submission file consists of an XML file, which has to be compressed into a ZIP archive. Only one XML file is permitted per ZIP archive.

Sections 3.1.2.1 and 3.1.2.2 describe how the data are to be reported for each reporting agent (counterparty reference data) or observed agent (credit data).

3.1.2.1 Submission file for counterparty reference data

Each submission file for the counterparty reference data of a reporting agent may contain only reference data relating to just one reporting period.
As a general rule, a reporting agent's report for a specific reporting period must be submitted in a **single** file. If the unzipped file size exceeds 100 MB, the report must be split into several files (see Section 3.1.3.1 for details on the file naming convention). In this case, the report is to be split among two (or more) valid XML files. In exceptional cases, a sender's data delivery may consist of several files per reporting agent and reporting period.

Should it be the case that no changes are made to the counterparty reference data of a reporting agent within a reference period, a nil report should be submitted (see section 3.2.8). In general, only (complete) counterparty reference datasets to which changes have been made since the previous month are to be reported.
If a counterparty's internal identifier should change, this should be reported by quoting the old identifier (including the type of identifier) and the new internal identifier of the counterparty.

3.1.2.2 Submission file for credit data

Each submission file for credit data may contain only data from just one of the three credit data reporting templates, one observed agent and one reporting period. Data from several observed agents of the same reporting agent have to be split among several files.
As a general rule, a report has to be sent as a triple (reporting template/observed agent/reporting period) in a **single** file. If the unzipped file size exceeds 100 MB, the report must be split into several files (see Section 3.1.3.2 for details on the file naming convention). In this case, the report is to be split among two (or more) valid XML files. A sender's data delivery therefore consists of at least one file per observed agent, reporting template and reporting period.

3.1.3 File name

The file name consists of the name, a dot and the three-letter file extension. All letters in the file name are written in lower case. The file extension for XML files is **xml**, while the extension for ZIP archives is **zip**.

A separate prefix is used for each reporting template:

Reporting template	Prefix
BBK_RIAD	riad
BBK_ANCRDT_T1M	ac1m
BBK_ANCRDT_T2M	ac2m
BBK_ANCRDT_T2Q	ac2q

Table 1: Prefix for each reporting template

3.1.3.1 File name for counterparty reference data

The name is made up of the ***prefix*** "*riad" shown in Table 1*, the ***German bank identifier code*** of the reporting agent, the ***reporting period*** in the format *YYYYMM, the unique* ***ID*** *of the report (see also SDMX header)* and the ***numbering of the files (part message)***; additionally, the final file is marked with an "e" to identify it as a triple (reporting template/reporting agent/reporting period). The individual attributes are to be separated by a "_".

Example of a counterparty reference data file

A sender wishes to submit a report with the ID 10000 in two files for the reporting period March 2018 for the counterparty reference data of the loans to be reported by the reporting agent with the German bank identifier code 50400000.

First file:

Attribute	Attribute value	Value in the file name
Reporting template	BBK_RIAD	**riad**
Reporting agent	German bank identifier code of the reporting agent (8 characters, no check digit)	**50400000**
Reporting period	March 2018	**201803**
ID of the report	10000	**10000**
Part message	First file of a report	**1**

This gives the following file names:
riad_50400000_201803_10000_1.xml and **riad_50400000_201803_10000_1.zip**

Second file:

Attribute	Attribute value	Value in the file name
Reporting template	BBK_RIAD	**riad**
Reporting agent	German bank identifier code of the reporting agent (8 characters, no check digit)	**50400000**
Reporting period	March 2018	**201803**
ID of the report	10000	**10000**
Part message	Second (and last) file of a report	**2e**

This gives the following file names:
riad_50400000_201803_10000_2e.xml and **riad_50400000_201803_10000_2e.zip**

3.1.3.2 File name for credit data

The name is made up of the ***prefix*** shown in Table 1, the ***German bank identifier code*** of the observed agent, the ***reporting period*** in the format *YYYYMM, the unique **ID** of the report (see also SDMX header)* and the ***numbering of the files (part message)***; additionally, the final file is marked with an "e" to identify it as a triple (reporting template/observed agent/reporting period). The individual attributes are to be separated by a "_".

Example of a credit data file

A sender wishes to submit a report with the ID 10001 in a single file for the reporting period September 2018 for the observed agent with the German bank identifier code 50400000 for the reporting template BBK_ANCRDT_T1M.

Attribute	Attribute value	Value in the file name
Reporting template	BBK_ANCRDT_T1M	**ac1m**
Observed agent	German bank identifier code of the observed agent	**50400000**
Reporting period	September 2018	**201809**
ID of the report	10001	**10001**
Part message	A single unshared file (usual case)	**1e**

This gives the following file names:
ac1m_50400000_201809_10001_1e.xml and
ac1m_50400000_201809_10001_1e.zip

3.2 Transmission file

3.2.1 XML template files

The following files are required to create and validate AnaCredit reports:

1. **XML template files for the reporting forms (depending on the type of report):**

Reporting template file	Data	Reporting frequency
BBK_RIAD_V2.1-SDMX.xsd	Counterparty reference data	**Monthly**
BBK_ANCRDT_T1M_V2.1-SDMX.xsd	Credit data: instrument data	**Monthly**
BBK_ANCRDT_T2M_V2.1-SDMX.xsd	Credit data: additional monthly credit data	**Monthly**
BBK_ANCRDT_T2Q_V2.1-SDMX.xsd	Credit data: accounting data	**Quarterly**

2. **Code list files for the codes to be used in the forms:**

Code list file	Description
BBK_CDLST_V2.1-SDMX.xsd	BBk-specific code lists
ECB_CDLST_V2.1-SDMX.xsd	ECB code lists

3. **Data type files:**

Data type file	Description
BBKCommonTypes_V2.1-SDMX.xsd	BBk-specific data types
ECBCommonTypes_V2.1-SDMX.xsd	ECB-specific data types

4. **XML template files that incorporate the superordinate SDMX 2.1 standard:**

Template file	Template file	Template file
SDMXCommon.xsd	SDMXQueryData.xsd	SDMXStructure.xsd
SDMXCommonReferences.xsd	SDMXQueryDataflow.xsd	SDMXStructureBase.xsd
SDMXDataGeneric.xsd	SDMXQueryDataStructure.xsd	SDMXStructureCategorisation.xsd
SDMXDataGenericBase.xsd	SDMXQueryHierarchicalCodelist.xsd	SDMXStructureCategory.xsd

SDMXDataGenericTimeSeries.xsd	SDMXQueryMetadata.xsd	SDMXStructureCodelist.xsd
SDMXDataStructureSpecific.xsd	SDMXQueryMetadataflow.xsd	SDMXStructureConcept.xsd
SDMXDataStructureSpecificBase.xsd	SDMXQueryMetadataStructure.xsd	SDMXStructureConstraint.xsd
SDMXDataStructureSpecificTimeSeries.xsd	SDMXQueryOrganisation.xsd	SDMXStructureDataflow.xsd
SDMXMessage.xsd	SDMXQueryProcess.xsd	SDMXStructureDataStructure.xsd
SDMXMessageFooter.xsd	SDMXQueryProvisionAgreement.xsd	SDMXStructureHierarchicalCodelist.xsd
SDMXMetadataGeneric.xsd	SDMXQueryReportingTaxonomy.xsd	SDMXStructureMetadataflow.xsd
SDMXMetadataStructureSpecific.xsd	SDMXQuerySchema.xsd	SDMXStructureMetadataStructure.xsd
SDMXQuery.xsd	SDMXQueryStructures.xsd	SDMXStructureOrganisation.xsd
SDMXQueryBase.xsd	SDMXQueryStructureSet.xsd	SDMXStructureProcess.xsd
SDMXQueryCategorisation.xsd	SDMXRegistry.xsd	SDMXStructureProvisionAgreement.xsd
SDMXQueryCategory.xsd	SDMXRegistryBase.xsd	SDMXStructureReportingTaxonomy.xsd
SDMXQueryCodelist.xsd	SDMXRegistryRegistration.xsd	SDMXStructureStructureSet.xsd
SDMXQueryConcept.xsd	SDMXRegistryStructure.xsd	xml.xsd
SDMXQueryConstraint.xsd	SDMXRegistrySubscription.xsd	

These files are available via [STD-SDMX] or together with the above-listed reporting templates and code lists on the Bundesbank's website.[1]

3.2.2 File structure

Figure 1 shows the structure of a report:

[1] www.bundesbank.de/anacredit

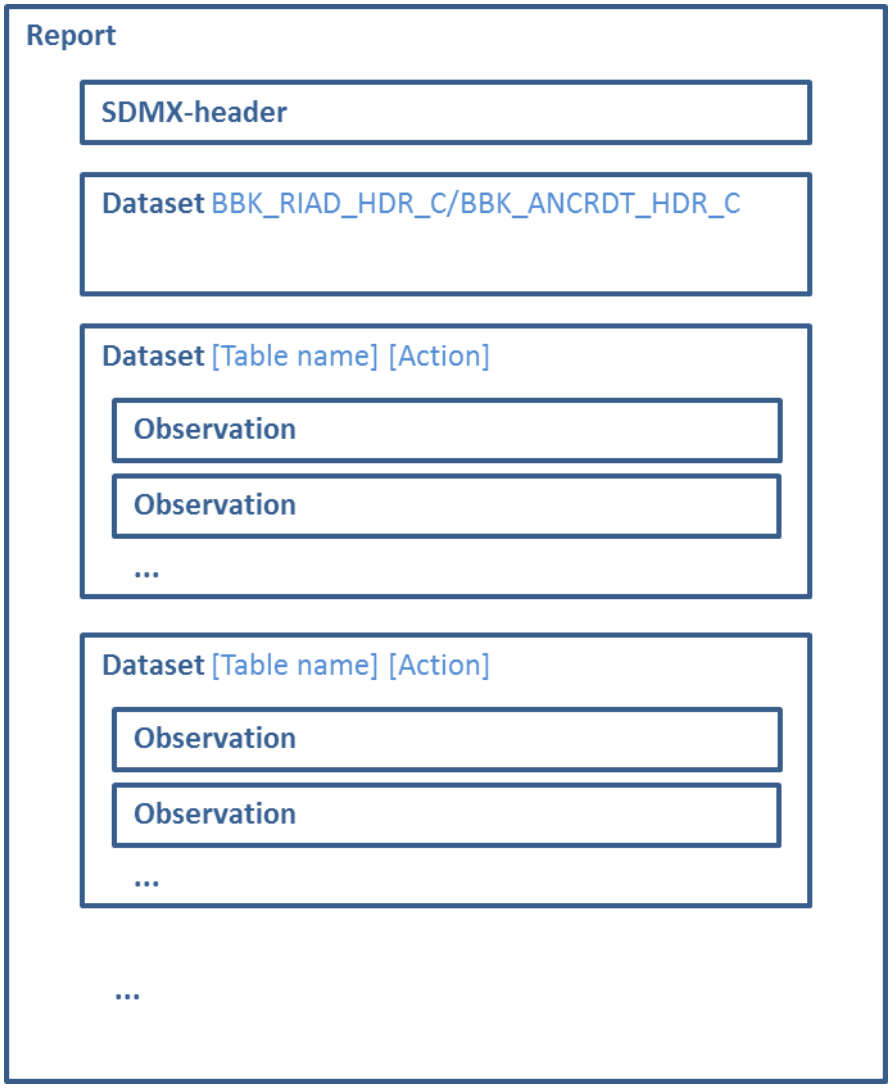

Figure 1: Structure of the reporting file

The sequence shown in Figure 1 (SDMX header, dataset BBK_RIAD_HDR_C or BBK_ANCRDT_HDR_C and dataset tables) must be observed.

3.2.3 SDMX header

The SDMX header contains general information about the report file. The SDMX standard covers a large number of fields. For AnaCredit purposes, it will be reduced to the following mandatory fields:

Name of SDMX header element	Definition
ID	This field must be used by the reporting agent to save an internal reference number for the message. The Bundesbank refers to this field in (confirmation) messages to the reporting agent. If a report is split into multiple files, this field must contain the same value for all files relating to the same report.
Test	Must be set to “false” (or “true”) for reports in the Bundesbank’s live environment (or test environment). Otherwise, the report will be rejected. If no value is entered, the default entry will be “false”.

Prepared	The preparation date and time must be entered in this field. The Bundesbank uses the contents of this field to ensure that messages are processed in the correct order. In particular, the system will reject a message if the "prepared" timestamp is prior to the "prepared" timestamp of the last processed message for the same pair (reporting agent/reporting period) in the case of a counterparty reference data report or for the same triple (reporting template/observed agent/reporting period) in the case of a credit data report.
Sender/ID	The sender's identifier must be entered here. If the sender is the reporting agent, enter the German bank identifier code here. Service providers/computer centres should use the computer centre ID they already have from other banking statistics reports or one that is newly allocated by the Bundesbank.
Receiver	Ignore
Name	Ignore
Structure	This **multi-use** element should be used to state the required SDMX datasets according to the specified XML template files – see the SDMX dataset in Table 5.

Table 2: How to fill the mandatory fields in the header of an XML file

Please note that the SDMX standard header allows for element repetitions in many cases. For AnaCredit reports, this will not be possible other than for the "Structure" element, i.e. each of the elements described in the following list (except "Structure") may only appear once, at most.

3.2.3.1 Example of an SDMX header for counterparty reference data

```
<message:Header xsi:type="message:StructureSpecificDataHeaderType">
      <message:ID>10001</message:ID>
      <message:Test>false</message:Test>
      <message:Prepared>2016-08-09T16:21:49+01:00</message:Prepared>
      <message:Sender id="BLZ10"/>
      <message:Structure
            structureID="BBK_RIAD_HDR_C"
            namespace="BBK_RIAD_HDR_C"
            dimensionAtObservation="AllDimensions">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_RIAD_HDR_C"/>
                  </common:Structure>
      </message:Structure>
      <message:Structure
            structureID="BBK_ANCRDT_ENTTY_RFRNC_C"
            dimensionAtObservation="AllDimensions"
            namespace="BBK_ANCRDT_ENTTY_RFRNC_C">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_ENTTY_RFRNC_C"/>
                  </common:Structure>
      </message:Structure>
</message:Header>
```

Figure 2: Example of an SDMX header for counterparty reference data

3.2.3.2 Example of an SDMX header for credit data

```
<message:Header xsi:type="message:StructureSpecificDataHeaderType">
      <message:ID>10001</message:ID>
      <message:Test>false</message:Test>
      <message:Prepared>2016-08-09T16:21:49+01:00</message:Prepared>
```

```
      <message:Sender id="BLZ10"/>
      <message:Structure
            structureID="BBK_ANCRDT_HDR_C"
            namespace="BBK_ANCRDT_HDR_C"
            dimensionAtObservation="AllDimensions">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_HDR_C"/>
                  </common:Structure>
      </message:Structure>
      <message:Structure
            structureID="BBK_ANCRDT_ENTTY_INSTRMNT_C"
            dimensionAtObservation="AllDimensions"
            namespace="BBK_ANCRDT_ENTTY_INSTRMNT_C">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_ENTTY_INSTRMNT_C"/>
                  </common:Structure>
            </message:Structure>
      <message:Structure
            structureID="BBK_ANCRDT_FNNCL_C"
            dimensionAtObservation="AllDimensions"
            namespace="BBK_ANCRDT_FNNCL_C">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_FNNCL_C"/>
                  </common:Structure>
      </message:Structure>
      <message:Structure
                  structureID="BBK_ANCRDT_INSTRMNT_C"
                  dimensionAtObservation="AllDimensions"
                  namespace="BBK_ANCRDT_INSTRMNT_C">
                        <common:Structure>
                        <Ref agencyID="BBK" id="BBK_ANCRDT_INSTRMNT_C"/>
                        </common:Structure>
      </message:Structure>
      <message:Structure
                  structureID="BBK_ANCRDT_JNT_LBLTS_C"
                  dimensionAtObservation="AllDimensions"
                  namespace="BBK_ANCRDT_JNT_LBLTS_C">
                        <common:Structure>
                        <Ref agencyID="BBK" id="BBK_ANCRDT_JNT_LBLTS_C"/>
                        </common:Structure>
      </message:Structure>
</message:Header>
```

Figure 3: Example of an SDMX header for credit data T1M

3.2.4 BBK_RIAD_HDR_C: counterparty reference data-specific header dataset

This is a technical dataset which contains counterparty reference data-specific information about the report file. It is used to specify the relevant reporting agent (“RPRTNG_AGNT_CD”), the reporting period (“DT_RFRNC”) to which the report refers, and the reporting template type (“SRVY-ID”). Since a report can be split into multiple files if it exceeds the size limit, it must be stated here what number file is concerned (“PRT_MSSG”) and whether it is the last file (“IS_LST_PRT_MSSG”) of this report.

The table below lists the individual eligible values of the attributes.

Attribute name	Eligible value
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
DT_RFRNC	Reporting period of the report in the following format: • YYYYMM (e.g. 201803 for March 2018)
SRVY-ID[2]	• RIAD
PRT_MSSG	Part message in the form of x (If, for example, a report for the same pair (reporting agent/reporting period) is split into two files, enter x=1 for the first file and x=2 for the second file). If the file is not split, enter 1.
IS_LST_PRT_MSSG	Set to "true" for the last file of a report. This is always the case if a report was not split into multiple files (normal case). If a report is split into multiple files, and the file in question is not the last file of that report, set to "false".

Table 3: Eligible values for the attributes in a dataset with general information about the file

There must be exactly one RIAD-specific header dataset per report file for counterparty reference data, which has to be placed directly after the SDMX header. If a report for the same triple (reporting template/reporting agent/reporting period) is split into multiple files, the RIAD-specific header dataset with general information about the file must be given in each file.

3.2.4.1 Example:

```
<message:DataSet
      data:structureRef="BBK_RIAD_HDR_C"
            xsi:type="riad:BBK_RIAD_HDR_C"
            data:dataScope="DataStructure">
                  <Obs RPRTNG_AGNT_CD="BLZ10"
                  DT_RFRNC="201512"
                  SRVY_ID="RIAD"
                  PRT_MSSG="1"
                  IS_LST_PRT_MSSG="true"/>
</message:DataSet>
```

Figure 4: Example of a dataset with general information about the file

3.2.5 BBK_ANCRDT_HDR_C: AnaCredit-specific header dataset

This is a technical dataset which contains AnaCredit-specific information about the report file. It is used to specify the relevant reporting agent ("RPRTNG_AGNT_CD") and observed agent ("OBSRVD_AGNT_CD"), the reporting period ("DT_RFRNC") to which the report refers, and the reporting template type ("SRVY-ID"). Since a report can be split into multiple files if it exceeds the size limit, it must be stated here what number file is concerned ("PRT_MSSG") and whether it is the last file ("IS_LST_PRT_MSSG") of this report.

[2] Complete code list: CL_SRVY_ID

The table below lists the individual eligible values of the attributes.

Attribute name	Eligible value
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
OBSRVD_AGNT_CD	German bank identifier code or pseudo German bank identifier code of the observed agent
DT_RFRNC	Reporting period of the report in the following format: • YYYYMM (e.g. 201803 for March 2018)
SRVY-ID[3]	One of the following formats is allowed: • ANCRDT_T1M • ANCRDT_T2M • ANCRDT_T2Q
PRT_MSSG	Part message in the form of x (If, e.g., a report for the same triple (reporting template/reporting agent/reporting period) is split into two files, enter x=1 for the first file and x=2 for the second file). If the file is not split, enter 1.
IS_LST_PRT_MSSG	Set to "true" for the last file of a report. This is always the case if a report was not split into multiple files (normal case). If a report is split into multiple files, and the file in question is not the last file of that report, set to "false".

Table 4: Eligible values for the attributes in a dataset with general information about the file

There must be exactly one AnaCredit-specific header dataset per report file. If a report for the same triple (reporting template/observed agent/reporting period) is split into multiple files, the AnaCredit-specific header dataset with general information about the file must be given in each file.

3.2.5.1 Example:

```
<message:DataSet
    data:structureRef="BBK_ANCRDT_HDR_C"
            xsi:type="T1M:BBK_ANCRDT_HDR_C"
            data:dataScope="DataStructure">
                  <Obs RPRTNG_AGNT_CD="BLZ10"
                  OBSRVD_AGNT_CD="BLZ10"
                  DT_RFRNC="201512"
                  SRVY_ID="ANCRDT_T1M"
                  PRT_MSSG="1"
                  IS_LST_PRT_MSSG="false" />
</message:DataSet>
```

Figure 5: Example of a dataset with general information about the file

3.2.6 Dataset

A dataset element ("DataSet") corresponds to a certain table of the AnaCredit data model from Table 5 (see below). The table data are the sub-elements ("observations") of the DataSet element. The observations correspond to the individual rows of the relevant table.

Each dataset is defined by the following attributes.

[3] Complete code list: CL_SRVY_ID

Table name:

The table name must match one of the names set out in Table 5.

Action attribute:

The action attribute defines how the system processes the contents of a special dataset. The following two values are allowed.

- "Replace": This value should normally be used. It informs the system that existing observations are being replaced by more up-to-date ones. If the observations do not yet exist, they will be added to the data stock. Replace is essentially the "default value". In the case of a replace action, the complete observation has to be reported.
- "Delete": This value should be used to inform the system that the observations previously transferred for this dataset have to be deleted from the system. In the case of a delete action, only the required attributes, i.e. the mandatory fields (see Table 6), of these observations have to be reported. This value should also be used to report matured instruments; see [RL-BBk], Section II.7.
  The action attribute "Delete" is not permitted for the datasets BBK_ANCRDT_ENTTY_CHNGE_CD_C and BBK_ANCRDT_ENTTY_PRTCTD_C (see Table 5), i.e. "Delete" cannot be used to delete data on natural persons or to delete a counterparty identifier change. Data on natural persons must be reported using SDMX dataset BBK_ANCRDT_ENTTY_PRTCTD_C (see Section 3.3.1) and counterparty identifier changes must be reported using SDMX dataset BBK_ANCRDT_ENTTY_CHNGE_CD_C.

The SDMX standard also permits the values "Append" and "Information". These attributes are ignored and treated as "Replace". If this attribute is not reported, "Replace" is taken as the default.

A report may contain no more than one observation with the same mandatory fields (see Table 6).

3.2.6.1 Example

```
<message:DataSet data:structureRef="BBK_ANCRDT_ENTTY_RFRNC_C"
xsi:type="riad:BBK ANCRDT ENTTY RFRNC C" data:dataScope="DataStructure"
data:action="Replace">
<Obs CP_ID="31" TYP_CP_ID="1" DE_HRA_CD="HRA222222-K1101"
     ULTMT_PRNT_UNDRTKNG_ID="31" TYP_ULTMT_PRNT_UNDRTKNG_ID="1"
     NM_ENTTY="Mittelgroße Bank AG" STRT="hgdfshdf" CTY="Frankfurt"
     TRRTRL UNT="DE712" PSTL CD="60325" CNTRY="DE" LGL FRM="DE201"
     INSTTTNL_SCTR="S122_A" KUSY="64B" LGL_PRCDNG_STTS="1" ENTRPRS_SZ="1"
     ENTRPRS_SZ_DT="2015-07-29" NMBR_EMPLYS="68696"
     BLNC_SHT_TTL_CRRNCY="3851759" ANNL_TRNVR_CRRNCY="11555270"
     ACCNTNG_FRMWRK_SL="3"/>
</message:DataSet>
```

Figure 6: Dataset with one observation

3.2.7 Observation

The general format of an observation is as follows (see also the example in Figure 6):

< Obs FIELD1="value1" FIELD2="value2" … FIELDn="valuen" />

The specific fields for each dataset are described in the relevant reporting template (see [Ana-SDMX]).
In a dataset, the mandatory fields (see Table 6) are defined as required, while all other fields are optional.

Individual fields for which reduced reporting requirements apply do not have to be reported. For technically inapplicable fields, report the value “NOT_APPL”.

3.2.8 Nil report

In cases where no data have to be reported for a table, the dataset element (“DataSet”) of this table, including the observations, is not reported in the XML file.

3.3 Mapping of reporting tables to the XML template files

The following table allocates each table of the AnaCredit data model (see [MS-S] and [MS-K]) to the various template files.

Template file	Table name	SDMX dataset
BBK_RIAD	Counterparty reference data (static) Counterparty identifier change (static) Notification of counterparties that are already registered which are natural persons and whose data should be deleted (static)	BBK_ANCRDT_ENTTY_RFRNC_C BBK_ANCRDT_ENTTY_CHNGE_CD_C BBK_ANCRDT_ENTTY_PRTCTD_C
BBK_ANCRDT_T1M	Instrument data (static) Financial data Counterparty-instrument data (static) Joint liabilities data Notification of counterparties that are already registered which are natural persons and whose data should be deleted (static)	BBK_ANCRDT_INSTRMNT_C BBK_ANCRDT_FNNCL_C BBK_ANCRDT_ENTTY_INSTRMNT_C BBK_ANCRDT_JNT_LBLTS_C BBK_ANCRDT_ENTTY_PRTCTD_C
BBK_ANCRDT_T2M	Counterparty default data Counterparty risk data Protection received data (static) Instrument-protection received data Counterparty-protection received data	BBK_ANCRDT_ENTTY_DFLT_C BBK_ANCRDT_ENTTY_RSK_C BBK_ANCRDT_PRTCTN_RCVD_C BBK_ANCRDT_INSTRMNT_PRTCTN_RCVD_C BBK_ANCRDT_PRTCTN_PRVDR_C
BBK_ANCRDT_T2Q	Accounting data	BBK_ANCRDT_ACCNTNG_C

Table 5: Tables of the data model allocated to the individual template files

A report need not always contain all SDMX datasets of a template file from Table 5. For example, static credit data, as defined in [ANORDN-BBk], only have to be reported when there are changes against the previous month.

3.3.1 Note on SDMX dataset "BBK_ANCRDT_ENTTY_PRTCTD_C"

If counterparty reference data or credit data on natural persons were mistakenly reported, the natural person should be reported by way of a report in RIAD-BBk using the SDMX dataset "BBK_ANCRDT_ENTTY_PRTCTD_C". In response to this report, the Bundesbank will delete all credit data attributes and counterparty reference data attributes on the reported counterparty in the Bundesbank's RIAD-BBk AND AnaCredit-BBk systems.
Only in cases where data on a natural person were mistakenly reported solely to the AnaCredit-BBk system can the SDMX dataset "BBK_ANCRDT_ENTTY_PRTCTD_C" be used in a relevant report to AnaCredit. In response to this report, the Bundesbank will delete all attributes on this reported counterparty that is a natural person in AnaCredit-BBk.
In certain situations (a loan has another debtor that is not a natural person, or the natural person is the protection provider), an entry with a protected counterparty identifier will be created in place of the deleted data (Type 5).

3.4 Attributes

The reportable attributes are listed in Table 6 together with the exact data type specifications. The technical definition of the individual attributes can be found in the Deutsche Bundesbank's AnaCredit Guideline (see [RL-BBk]). There is no German name for most national identifiers. Further information on this can be found in the Deutsche Bundesbank's AnaCredit Guideline (see [RL-BBk]) or in the list of national identifiers in the annex to the ECB AnaCredit Reporting Manual (see [MANUAL-ECB]).

DSD	Technical attribute name	Key	National identifier	Description (English)	Description (German)	Data type specification
BBK_ANCRDT_ACCNTNG_C	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	ACCNTNG_CLSSFCTN			Accounting classification of instruments	Rechnungslegungsklassifikation von Instrumenten	Code list or "NOT_APPL" CL_BBK_ACCNTNG_CLSSFCTN_ANCRDT_CLLCTN_NA

	RCGNTN_STTS			Balance sheet recognition	Bilanzieller Ansatz	Code list or “NOT_APPL” CL_BBK_RCGNTN_STTS_ANCRDT_CLLCTN_NA
	ACCMLTD_WRTFFS			Accumulated write-offs	Kumulierte Abschreibungen	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
	ACCMLTD_IMPRMNT			Accumulated impairment amount	Kumulierter Wertminderungsbetrag	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
	IMPRMNT_STTS			Type of impairment	Art der Wertminderung	Code list or “NOT_APPL” CL_BBK_CRDT_QLTY_IMPRMNT_STTS_ANCRDT_CLLCTN_NA
	IMPRMNT_ASSSSMNT_MTHD			Impairment assessment method	Verfahren zur Bewertung der Wertminderung	Code list or “NOT_APPL” CL_BBK_IMPRMNT_ASSSSMNT_MTHD_ANCRDT_CLLCTN_NA
	SRC_ENCMBRNC			Sources of encumbrance	Belastungsquellen	Code list or “NOT_APPL” CL_BBK_SRC_ENCMBRNC_ANCRDT_CLLCTN_NA
	ACCMLTD_CHNGS_FV_CR			Accumulated changes in fair value due to credit risk	Kumulierte Änderungen des beizulegenden Zeitwerts aufgrund von Ausfallrisiken	Positive and negative amounts of money to 2 decimal places or “NOT_APPL”
	PRFRMNG_STTS			Performing status of the instrument	Leistungsstatus des Instruments	Code list or “NOT_APPL” CL_BBK_CRDT_QLTY_PRFRMNG_STTS_ANCRDT_CLLCTN_NA
	DT_PRFRMNG_STTS			Date of the performing status of the instrument	Datum des Leistungsstatus des Instruments	Date in the format YYYY-MM-DD or “NOT_APPL”
	PRVSNS_OFF_BLNC_SHT			Provisions associated with off-balance-sheet exposures	Rückstellungen bezogen auf außerbilanzielle Forderungen	Non-negative amounts of money to 2 decimal places or “NOT_APPL”

	FRBRNC_STTS			Status of forbearance and renegotiation	Stundungs- und Neuverhandlungsstatus	Code list or “NOT_APPL” CL_BBK_FRBRNC_STTS_ANCRDT_CLLCTN_NA
	DT_FRBRNC_STTS			Date of the forbearance and renegotiation status	Datum des Stundungs- und Neuverhandlungsstatus	Date in the format YYYY-MM-DD or “NOT_APPL”
	CMLTV_RCVRS_SNC_DFLT			Cumulative recoveries since default	Kumulierte Rückflüsse seit dem Ausfall	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
	PRDNTL_PRTFL			Prudential portfolio	Bankaufsichtliches Portfolio	Code list or “NOT_APPL” CL_BBK_PRDNTL_PRTFL_ANCRDT_CLLCTN_NA
	CRRYNG_AMNT			Carrying amount	Buchwert	Positive and negative amounts of money to 2 decimal places or “NOT_APPL”
BBK_ANCRDT_ENTTY_DFLT_C	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: printable characters in UTF-8
	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	DFLT_STTS			Default status of the counterparty	Ausfallstatus des Vertragspartners	Code list or “NOT_APPL” CL_BBK_CRDT_QLTY_DFLT_STTS_ANCRDT_CLLCTN_NA
	DT_DFLT_STTS			Date of the default status of the counterparty	Datum zum Ausfallstatus des Vertragspartners	Date in the format YYYY-MM-DD or “NOT_APPL”

BBK_ANCRDT_ENTTY_INSTRMNT_C	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID_PRTC
	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: printable characters in UTF-8 or "NOT_APPL"
	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	ENTTY_RL	Yes		Counterparty role	Rolle des Vertragspartners	Code list CL_ECBSDD_ENTTY_RL_ANCRDT_CLLCTN
BBK_ANCRDT_ENTTY_RFRNC_C	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: printable characters in UTF-8
	LEI			Legal entity identifier (LEI) (mandatory if available)	Rechtsträgerkennung (LEI)	String containing exactly 20 characters Pattern: [A-Z0-9]{18}\d{2}) or "NOT_APPL"
	TYP_HD_OFFC_UNDRTKNG_ID			Head office undertaking identifier type	Typ der Kennung der Hauptverwaltung des Unternehmens	Code list CL_BBK_TYP_CP_ID
	HD_OFFC_UNDRTKNG_ID			Head office undertaking identifier	Kennung der Hauptverwaltung des Unternehmens	String containing up to 60 characters: printable characters in UTF-8
	TYP_IMMDT_PRNT_UNDRTKNG_ID			Immediate parent undertakin	Typ der Kennung der direkten Muttergesellschaft	Code list CL_BBK_TYP_CP_ID_PRTC

				g identifier type		
	IMMDT_PRNT_UNDRTKNG_ID			Immediate parent undertaking identifier	Kennung der direkten Muttergesellschaft	String containing up to 60 characters: printable characters in UTF-8 or "NOT_APPL"
	TYP_ULTMT_PRNT_UNDRTKNG_ID			Ultimate parent undertaking identifier type	Typ der Kennung der obersten Muttergesellschaft	Code list CL_BBK_TYP_CP_ID_PRTC
	ULTMT_PRNT_UNDRTKNG_ID			Ultimate parent undertaking identifier	Kennung der obersten Muttergesellschaft	String containing up to 60 characters: printable characters in UTF-8 or "NOT_APPL"
	NM_ENTTY			Name	Name	String containing up to 255 characters: printable characters in UTF-8
	STRT			Address: street	Anschrift: Straße	String containing up to 255 characters: printable characters in UTF-8 or "NOT_APPL"
	CTY			Address: city/town/village	Anschrift: Stadt/Gemeinde/Ortschaft	String containing up to 255 characters: printable characters in UTF-8 or "NOT_APPL"
	TRRTRL_UNT			Address: county/administrative division	Anschrift: Kreis/Verwaltungseinheit	Code list or "NOT_APPL" CL_BBK_NUTS3_NA
	PSTL_CD			Address: postal code	Anschrift: Postleitzahl	String containing up to 255 characters: printable characters in UTF-8 or "NOT_APPL"
	CNTRY			Address: country	Anschrift: Land	Code list CL_ECBSDD_ISO3166_DSJNT_IO
	LGL_FRM			Legal form	Rechtsform	Code list or "NOT_APPL" CL_BBK_LGL_FRM_NA
	INSTTTNL_SCTR			Institutional sector	Institutioneller Sektor	Codeliste CL_BBK_INSTTTNL_SCTR

	ECNMC_ACTVTY			Economic activity	Wirtschaftszweigklassifikation	Code list CL_ECBSDD_NACE_LVLS2TO4_STGNG
	KUSY			Customer classification code	Kundensystematik-Schlüssel	Code list CL_BBK_KUSY
	LGL_PRCDNG_STTS			Status of legal proceedings	Status von Gerichtsverfahren	Code list or “NOT_APPL” CL_BBK_LGL_PRCDNG_STTS_NA
	LGL_PRCDNG_STTS_DT			Date of initiation of legal proceedings	Datum der Eröffnung des Gerichtsverfahrens	Date in the format YYYY-MM-DD or “NOT_APPL”
	ENTRPRS_SZ			Enterprise size	Unternehmensgröße	Code list CL_BBK_SZ_NA
	ENTRPRS_SZ_DT			Date of enterprise size	Datum der Unternehmensgröße	Date in the format YYYY-MM-DD or “NOT_APPL”
	NMBR_EMPLYS			Number of employees	Beschäftigtenzahl	Non-negative real numbers to 2 decimal places or “NOT_APPL”
	BLNC_SHT_TTL_CRRNCY			Balance sheet total	Bilanzsumme	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
	ANNL_TRNVR_CRRNCY			Annual turnover	Jahresumsatz	Positive and negative amounts of money to 2 decimal places or “NOT_APPL”
	ACCNTNG_FRMWRK_SL			Accounting standard	Rechnungslegungsstandard	Code list CL_ECBSDD_ACCNTNG_FRMWRK_RIAD_CLLCTN
	ENTTY_RIAD_CD			RIAD code	RIAD Code	String containing up to 50 characters Pattern: [A-Za-z0-9_@$\-][!-~]*

	ISIN			ISIN	ISIN	String containing exactly 12 characters Pattern: [A-Z][A-Z][A-Z0-9]{9}[0-9]
	AT_FB_CD		Yes	National business register identifier	Firmenbuchnummer	String containing up to 10 characters Pattern: \d{1,6}[A-Za-z]\d{0,3}
	AT_GEM_CD		Yes	Municipality ID, ID of the administrative municipality	Gemeindenummer	String containing exactly 5 characters
	AT_IDENT_CD		Yes	Reporting ID assigned by the OeNB	Identnummer	String containing up to 8 characters Pattern: \d{1,8}
	AT_LAE_CD		Yes	Federal State ID, ID of the administrative region	Ländernummer	String containing exactly 1 character Pattern: \d
	AT_NOTAP_CD		Yes	Counterparties not registered in the business register or in the Register of Associations	Not applicable	“NOT_APPL”
	AT_ZVR_CD		Yes	Register of Associations	Vereinsregisternummer	String containing up to 10 characters Pattern: \d{1,10}
	AVID			Entity identifier issued by AVOX		String containing up to 50 characters: printable characters in UTF-8
	BE_KBO_BC			Belgian		String containing up to 50

	E_CD			business register code: Kruispuntbank van Ondernemingen (KBO) / Banque-Carrefour des Entreprises (BCE)		characters: printable characters in UTF-8
	BE_OND_CD		Yes	Unique identification number assigned to all legal entities, institutional units and self-employed persons in Belgium which is used to identify them for all possible transactions, applications, administrative formalities (including taxation), exchanges of information among	Unternehmensnummer	String containing exactly 10 characters Pattern: [0]\d{9}

				administration units, ...		
	BG_BULSTAT_CD		Yes	BULSTAT register number		String containing exactly 9, 10 or 13 characters Pattern: \d{13}|\d{10}|\d{9}
	BG_UIC_CD		Yes	Unified Identification Code (Commercial register code)		String containing exactly 9 or 13 characters Pattern: \d{13}|\d{9}
	BG_VAT_CD		Yes	VAT identification code given according to art. 94 of Value Added Tax Act		String containing exactly 11 or 12 characters Pattern: (BG)\d{10}|(BG)\d{9}
	BIC			SWIFT code / Bank Identifier Code (BIC)	BIC	String containing exactly 8 or 11 characters Pattern: ([A-Z0-9]{11})|([A-Z0-9]{8})
	BLMBRG_CD			Identifier issued by Bloomberg (Bloomberg ticker)	Bloomberg Ticker Code	String containing up to 50 characters: printable characters in UTF-8
	BR_CNPJ_CD		Yes	Business register number		String containing exactly 18 characters Pattern: \d{2}.\d{3}.\d{3}\/\d{4}-\d{2}
	BVD_CD			Entity identifier issued by Bureau van Dijk		String containing up to 50 characters: printable characters in UTF-8
	CA_BN_CD		Yes	Tax code		String containing exactly 9 characters Pattern: \d{9}

	CH_UID_CD		Yes	Tax code		String containing exactly 15 characters Pattern: (CHE)-\d{3}\.\d{3}\.\d{3}
	CN_CC_CD		Yes	Tax code		String containing exactly 18 characters Pattern: [A-Z0-9]{18}
	CY_CBCID_CD		Yes	CBC internal code		String containing up to 10 characters Pattern: [A-Z]{2}\d{1,8}
	CY_DRCOR_CD		Yes	Registration number given by the Department of Registrar of Companies and Official Receiver		String containing up to 9 characters Pattern: (C|O|P)\d{1,8}
	CY_GG_CD		Yes	General government unit identifier		String containing exactly 11 characters Pattern: (S13)\d{8}
	CY_IF_CD		Yes	Investment fund identifier		String containing exactly 8 characters Pattern: (CYIF)\d{4}
	CY_OTHER_CD		Yes	National identifier uniquely assigned to a CY legal entity and not included in the list. To be used only if no other identifier		String containing up to 50 characters: printable characters in UTF-8

				listed in the table is available for the counterparty.		
	CY_PF_CD		Yes	Pension fund identifier		String containing up to 6 characters Pattern: (PF)\d{1,4}
	CY_TIC_CD		Yes	Tax Identification Code		String containing 9 characters Pattern: \d{8}[A-Z]
	CY_VAT_CD		Yes	VAT/Tax Number		String containing exactly 9 characters Pattern: (0|1|3|4|5|9)\d{7}[A-Z]
	CZ_ICO_CD		Yes	CZ Business register code		String containing exactly 8 characters Pattern: \d{8} (if fewer than 8 characters, add leading zeros)
	CZ_NID_CD		Yes	Alternative Identification Number		String containing exactly 8 or 10 characters Pattern: \d{10}|\d{8}
	DE_BAK_CD			German BAK number assigned by BaFin	BAK-Nr.	String containing exactly 4 or 6 characters Pattern: \d{6}|\d{4}
	DE_BAKISG_CD			Bundesbank creditor number	Kreditgebernummer	String containing exactly 7 or 8 characters Pattern: \d{7,8}
	DE_BAKISN_CD			Bundesbank borrower number	Kreditnehmernummer	String containing exactly 7 or 8 characters Pattern: \d{7,8}
	DE_BLZ			German bank identifier code	Bankleitzahl	String containing 8 characters Pattern: \d{8}
	DE_DESTATIS_CD			German Federal Statistical Office	DESTATIS Code	String containing up to 50 characters: printable characters in UTF-8

				(DESTATIS) : business register entity code		
	DE_GNR_CD		Yes	Cooperative register number - Register number for cooperatives	Genossenschaftsregister (GnR)	String containing up to 18 characters Pattern: (G(n|N)R)\d{1,6}[A-ZÄÜÖ]{0,3}-[A-Z]\d{4}
	DE_HRA_CD		Yes	Trade register number A Trade register number for specific business partnerships (*Personenhandelsgesellschaften*)	Handelsregister Abteilung A (HRA)	String containing up to 18 characters Pattern: (HRA)\d{1,6}[A-ZÄÜÖ]{0,3}-[A-Z]\d{4}
	DE_HRB_CD		Yes	Trade register number B Trade register number for capital companies	Handelsregister Abteilung B (HRB)	String containing up to 18 characters Pattern: (HRB)\d{1,6}[A-ZÄÜÖ]{0,3}-[A-Z]\d{4}
	DE_NOTAP_CD		Yes	Counterparty not registered in any of the registers listed above	Nicht zutreffend	“NOT_APPL”
	DE_PR_CD		Yes	Partnership register	Partnerschaftsregister (PR)	String containing up to 17 characters

				number - Register number for partnerships		Pattern: (PR)\d{1,6}[A-ZÄÜÖ]{0,3}-[A-Z]\d{4}
	DE_TAX_CD			German tax code		String containing exactly 13 digits Pattern: \d{13}
	DE_VAT_CD			German VAT code		String containing exactly 11 characters Pattern: (DE)\d{9}
	DE_VR_CD		Yes	Association register number - Register number for associations	Vereinsregister (VR)	String containing up to 17 characters Pattern: (VR)\d{1,6}[A-ZÄÜÖ]{0,3}-[A-Z]\d{4}
	DK_CVR_CD		Yes	ID used for identification of legal entities in the Danish Central business register	CVR-Nummer	String containing exactly 8 digits Pattern: \d{8}
	DK_FT_CD		Yes	ID assigned by the Danish Financial supervisory authority for supervised entities or companies related to supervised entities	FT-Nummer	String with variable length Pattern: \d+(-\d+)*
	DK_NOTAP_		Yes	The	Nicht zutreffend	“NOT_APPL”

	CD			counterparty does not have any national identifier		
	DK_SE_CD		Yes	VAT number		String containing exactly 8 digits Pattern: \d{8}
	DUNS_CD			Entity identifier issued by Dun & Bradstreet		String containing up to 50 characters: printable characters in UTF-8
	EE_FON_CD		Yes	Unique identifier for investment and pension funds issued by the central bank and used in the reporting		String containing up to 4 digits Pattern: \d{1,4}
	EE_RG_CD		Yes	Commercial registry code for state and local government agencies, NFCs, ICs, Investment Funds Founded as Public Limited Company, OFIs (Fund Management		String containing exactly 8 digits Pattern: \d{8}

				Companies, Leasing Companies etc) and non-profit institutions serving households		
	EIOPA_ENTTY_CD			European Insurance and Occupational Pensions Authority ID (EIOPA) entity identifier		String containing up to 50 characters: printable characters in UTF-8
	ES_NIF_CD		Yes	Fiscal Identification Number		String containing exactly 9 characters Pattern: [A-Z0-9]{9}
	FI_ALV_CD		Yes	The VAT number indicates that a business is VAT liable and is essential for the functioning and controlling of the intra-Community trade. VAT liable businesses that are engaged in		String containing exactly 10 characters Pattern: (FI)\d{8}

				intra-Community trade form their VAT number themselves		
	FI_NOTAP_CD		Yes	The counterparty does not have any national identifier	Nicht zutreffend	“NOT_APPL”
	FI_SIRA_CD		Yes	Identifier to identify the investment fund in the authority reporting (NCB / NCA). Normally given by the NCA - in some cases by NCB		String containing exactly 12 characters Pattern: \d{8}(#)\d{3}
	FI_Y_CD		Yes	The Business ID (Business Identity Code) is a code given to businesses and organizations by the PRH (Finnish Patent and		String containing exactly 8 or 9 characters Pattern: \d{7}[-]?\d

				Registration Office) or the Tax Administration. Used also as an identifier in the business register		
	FR_CIB		Yes	Unique code assigned to financial institutions allowed to perform banking activities in FR and Monaco		String containing exactly 5 digits Pattern: \d{5}
	FR_IF_CD		Yes	Investment Fund identifier		String containing exactly 12 characters Pattern: (FR)\[A-Z0-9]{10}
	FR_RNA_CD		Yes	Association register number		String containing exactly 10 characters Pattern: [A-Z]\d{9}
	FR_SIREN_CD		Yes	Identification number assigned by INSEE to every company having an activity on the French territory. It can be checked with an algorithm. The SIREN number is		String containing exactly 9 digits Pattern: \d{9}

				also part of the VAT which is composed of: FR (for France) + 99 (a validation key, calculated with an algorithm) + 9-digit SIREN Code		
	FVC_CD			FVC code	Bundesbank-FVC-Code	String containing up to 255 characters: printable characters in UTF-8
	GB_CRN_CD		Yes	Business register number		String containing exactly 8 characters Pattern: [A-Z0-9]{8}
	GB_UTR_CD		Yes	Tax code		String containing exactly 10 characters Pattern: \d{10}|\d{9}(K)
	GEN_IPF_CD		Yes	Entity identifier assigned to investment funds or pension funds		String containing up to 50 characters: printable characters in UTF-8
	GEN_NBR_ENTTY_CD		Yes	National Business register identifier of an entity		String containing up to 50 characters: printable characters in UTF-8
	GEN_NCB_ENTTY_CD		Yes	Entity identifier assigned by the resident		String containing up to 50 characters: printable characters in UTF-8

				National Central Bank (NCB)		
	GEN_NSA_ENTTY_CD		Yes	Entity identifier assigned by the National supervisory authority		String containing up to 50 characters: printable characters in UTF-8
	GEN_NSI_ENTTY_CD		Yes	Entity identifier assigned by the National statistical institute (NSI)		String containing up to 50 characters: printable characters in UTF-8
	GEN_OTHER_CD		Yes	Any entity code (not in the above list) uniquely assigned to the counterparty in its country of residence. In this case, please provide a short description of such identifier (free-text field)	Sonstige Kennung (Freitext)	String containing up to 511 characters: printable characters in UTF-8 Format: NameIdentifier1;Identifier1;NameIdentifier2;Identifier2;…;NameIdentifierN;IdentifierN
	GEN_PS_CD		Yes	Entity identifier assigned to		String containing up to 50 characters: printable characters in UTF-8

				entities/units belonging to the General Government sector		
	GEN_TAX_CD		Yes	Tax code of an entity		String containing up to 50 characters: printable characters in UTF-8
	GEN_TRD_RGSTR_ENTTY_CD		Yes	National trade register identifier of an entity		String containing up to 50 characters: printable characters in UTF-8
	GEN_VAT_CD		Yes	Value added tax identifier		String containing up to 50 characters: printable characters in UTF-8
	GR_AFM_CD		Yes	Tax Registration number		String containing exactly 9 digits Pattern: \d{9}
	GR_IMO_CD		Yes	International Maritime Organisation number		String containing exactly 7 digits Pattern: \d{7}
	HK_CR_CD		Yes	Corporate registry number		String containing exactly 7 digits Pattern: \d{7}
	HR_MB_CD		Yes	Business register number		String containing exactly 8 digits Pattern: \d{8} (If fewer than 8 digits, add leading zeros)
	HR_MBS_CD		Yes	Trade register number		String containing exactly 9 digits Pattern: [0|1]\d{8}
	HR_OIB_CD		Yes	Tax number		String containing exactly 11 digits Pattern: \d{11} (If fewer than 11 digits, add leading zeros)
	HU_CEG_CD		Yes	Trade register		String containing exactly 12 characters

				number		Pattern: \d{2}(-)\d{2}(-)\d{6}
	HU_FB_CD		Yes	FB code - Special identification code of investment funds, which are issued by the central securities depository (KELER Central Depository Ltd.)		String containing exactly 8 characters Pattern: (FB)\d{6}|(FB)\d{3}[A-Z]\d{2}
	HU_KOZ_CD		Yes	VAT identification number structure		String containing exactly 10 characters Pattern: (HU)\d{8}
	HU_TOR_CD		Yes	National identification number - All enterprises and other legal units are required to register at the Tax Authority, who issues the individual tax number. The tax number consists of 3 parts, the first 8 digit part is		String containing exactly 8 digits Pattern: \d{8}

				used for the unique identification of companies		
	IE_CRO_CD		Yes	Company registration number		String containing up to 50 characters: printable characters in UTF-8
	IE_GOV_CD		Yes	Government bodies identifier		String containing exactly 5 or 6 characters Pattern: (GV)\d{4}|(LA)\d{3}
	IE_NOTAP_CD		Yes	The counterparty does not have any national identifier	Nicht zutreffend	"NOT_APPL"
	IN_CIN_CD		Yes	Business register number		String containing exactly 21 characters Pattern: [A-Z0-9]{21}
	IN_PAN_CD		Yes	Tax code		String containing exactly 10 characters Pattern: [A-Z0-9]{10}
	IFS_CD			Bundesbank Management Company Code	Bundesbank-Instituts-ID	String containing up to 255 characters: printable characters in UTF-8
	IT_ABI_CD			Italian Financial supervisory authority code: Associazione Bancaria Italiana (ABI)		String containing up to 50 characters: printable characters in UTF-8
	IT_CCIAA_CD		Yes	Trade register number		String containing exactly 9 characters Pattern: [A-Z]{2}\d{7} (If

						fewer than 7 digits, add leading zeros)
	IT_CF_CD		Yes	Tax code number		String containing exactly 11 digits Pattern: \d{11}
	IT_UCITS_CD		Yes	UCITS code		String containing up to 7 digits Pattern: \d{1,7}
	JP_CN_CD		Yes	Business register number		String containing exactly 13 digits Pattern: [1-9]\d{12}
	LEID			Legal entity identifier number assigned within the EuroGroup s Register (EGR)		String containing up to 50 characters: printable characte rs in UTF-8
	LT_INV_CD		Yes	Unique identifier assigned by the central bank to supervised investment and pension funds		String containing 4 to 9 characters Pattern: [A-Z]\d{3}|(SF)\d{3}|[A-Z]{3}-\d{2}/\d{2}|[A-Z]{3}-[A-Z]{4}
	LT_JAR_CD		Yes	Unique national business register identifier assigned to all legal entities registered in Lithuania		String containing exactly 9 characters Pattern: \d{9}
	LU_IF_CD		Yes	Investmen		String containing exactly 13

				t funds and subfunds number		characters Pattern: [A-Z]\d{6}[C]\d{5}
	LU_NOTAP_CD		Yes	The counterparty does not have any national identifier	Nicht zutreffend	"NOT_APPL"
	LU_RSC_CD		Yes	Trade and Companies Register number		String with variable length Pattern: [A-Z]\d+
	LU_VAT_CD		Yes	VAT number		String containing exactly 8 digits Pattern: \d{8}
	LV_FON_CD		Yes	List of Investment Funds of the Republic of Latvia		String containing exactly 9, 10 or 13 characters Pattern: (LV)\d{11}|(LVAF)\d{3}(A|B|\d{1})\d{2}|(LVB)\d{6}|(LVIF)\d{3}(A|B|C|D|E|F|\d{1})\d{2}|(LVVF)\d{6}
	LV_NBR_CD		Yes	A unique registration number is assigned by the Enterprise Register of the Republic of Latvia		String containing exactly 11 characters Pattern: \d{11
	LV_VAT_CD		Yes	VAT/Tax number		String containing exactly 13 characters Pattern: (LV)\d{11}
	MC_CIB		Yes	National Supervisory Authority code		String containing exactly 5 digits Pattern: \d{5}
	MC_NIS_CD		Yes	Business register number		String containing up to 10 characters Pattern: \d{2,4}[A-Z]\d{5}

	MC_RCI_CD		Yes	Trade register number		String containing up to 10 characters Pattern: \d{2}[A-Z]{1,3}\d{5}
	MT_CNUM_CD		Yes	Number assigned by the registrar of companies (C number) and/or Tax Code number if the C-number is not available		String containing up to 50 characters: printable characters in UTF-8
	MT_OLE_CD		Yes	Other Legal Entities Code		String containing up to 50 characters: printable characters in UTF-8
	MT_VAT_CD		Yes	VAT registration number		String containing exactly 8 digits Pattern: \d{8}
	MX_RFC_CD		Yes	Tax code		String containing exactly 14 characters Pattern: [A-Z]{3}-\d{6}-[A-Z0-9]{3}
	NL_KVK_CD		Yes	A unique identification number issued by the Chamber of Commerce for every business activity or social activity. One Chamber of		String containing exactly 8 digits Pattern: \d{8} (If fewer than 8 digits, add leading zeros)

				Commerce number is connected to one Legal person and partnership number		
	NL_RSIN_CD		Yes	Legal person and partnership number - A unique identification number issued by the Chamber of Commerce for every non-natural person, being a legal person or a partnership. One Legal person and partnership number has only one Chamber of Commerce number		String containing exactly 9 digits Pattern: \d{9} (If fewer than 9 digits, add leading zeros)
	NO_NBR_CD		Yes	National business register		String containing exactly 9 digits Pattern: \d{9}

				identifier of an entity		
	PL_KRS_CD		Yes	Unique national business register identifier assigned to all legal entities registered in Poland		String with variable length Pattern: \d+
	PL_NIP_CD		Yes	Tax identification number		String containing exactly 10 characters Pattern: \d{10}
	PL_REGON_CD		Yes	Unique national register of entities which can conduct business, but not necessarily have form of legal entities		String containing exactly 9 or 14 characters Pattern: \d{14}|\d{9}
	PL_VAT_CD		Yes	National tax identification number preceded by prefix PL		String containing exactly 12 characters Pattern: (PL)\d{10}:
	PT_FSA_CD		Yes	Financial supervisory authority code		String containing up to 6 characters Pattern: \d{1,6}
	PT_NIF_CD		Yes	VAT/Tax identification number		String containing exactly 9 characters Pattern: \d{9}
	RO_CUI_CD		Yes	Unique		String containing up to 12

				registration fiscal code		characters Pattern: (RO)\d{1,10}
	RO_TAX_CD		Yes	Value added tax identifier		String containing up to 12 characters Pattern: (RO)\d{1,10}
	RO_TRN_CD		Yes	Trade register number		String containing up to 18 characters: Pattern: (J)\d{2}\/\d{1,9}\/\d{4}
	RU_INN_CD		Yes	Tax code		String containing exactly 10 digits Pattern: \d{10}
	SE_FIN_CD		Yes	ID code that is assigned to all entities supervised by the Financial Supervisory Authority		String containing exactly 5 characters Pattern: \d{5}
	SE_MOM_CD		Yes	Value Added Tax identification number		String containing exactly 14 characters Pattern: (SE)\d{12}
	SE_NOTAP_CD		Yes	The counterparty does not have any national identifier	Nicht zutreffend	“NOT_APPL”
	SE_ORG_CD		Yes	Business register number that is assigned to the entity by the authorities responsibl		String containing exactly 10 or 11 characters Pattern: \d{6}-?\d{4}

				e for the registration of entities		
	SI_DAV_CD		Yes	Tax Code		String containing exactly 8 characters Pattern: \d{8}
	SI_DDV_CD		Yes	Value added tax identifier		String containing exactly 10 characters Pattern: (SI)\d{8}
	SI_MAT_CD		Yes	National Business register identifier		String containing exactly 10 characters Pattern: \d{10}
	SK_ICO_CD		Yes	Business register number		String containing exactly 8 or 9 characters Pattern: \d{8}[a-z]{0,1}
	SK_IF_CD		Yes	Investment Funds Code		String containing exactly 15 characters Pattern: (SK)\d{8}[A-Z]{3}\d{2}
	TR_VKN_CD		Yes	Tax code		String containing up to 10 digits Pattern: \d{1,10}
	US_EIN_CD		Yes	Tax code		String containing exactly 10 characters Pattern: \d{2}-\d{7}
BBK_ANCRDT_ENTTY_RSK_C	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: printable characters in UTF-8
	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	PD			Probability of default	Ausfallwahrscheinlichkeit	Real numbers from 0 to 1 with 6 decimal places or “NOT_APPL”. Thus, a 5% probability of default is to be reported as 0.050000.

BBK_ANCRDT_FNNCL_C	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	ANNLSD_AGRD_RT			Interest rate	Zinssatz	Real numbers (positive or negative) with 6 decimal places or "NOT_APPL". Thus, an interest rate of 2.53% is to be reported as 0.025300.
	DT_NXT_INTRST_RT_RST			Next interest rate reset date	Nächster Zinsanpassungstermin	Date in the format YYYY-MM-DD or "NOT_APPL"
	DFLT_STTS			Default status of the instrument	Ausfallstatus des Instruments	Code list or "NOT_APPL" CL_BBK_CRDT_QLTY_DFLT_STTS_ANCRDT_CLLCTN_NA
	DT_DFLT_STTS			Date of the default status of the instrument	Datum des Ausfallstatus des Instruments	Date in the format YYYY-MM-DD or "NOT_APPL"
	TRNSFRRD_AMNT			Transferred amount	Übertragener Betrag	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
	ARRRS			Arrears for the instrument	Rückstände für das Instrument	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
	DT_PST_D			Date of past due for the instrument	Datum der Rückstände für das Instrument	Date in the format YYYY-MM-DD or "NOT_APPL"
	TYP_SCRTSTN			Type of securitisation	Verbriefungsart	Code list or "NOT_APPL" CL_BBK_TYP_TRNSFR_ANCRDT_CLLCTN_NA
	OTSTNDNG_NMNL_AMNT			Outstanding nominal amount	Ausstehender Nominalwert	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
	ACCRD_INTRST			Accrued interest	Aufgelaufene Zinsen	Positive and negative amounts of money to 2 decimal places or

						"NOT_APPL"
	OFF_BLNC_SHT_AMNT			Off-balance-sheet amount	Außerbilanzieller Wert	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
BBK_ANCRDT_INSTRMNT_C	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	TYP_INSTRMNT			Type of instrument	Art des Instruments	Code list or "NOT_APPL" CL_BBK_TYP_INSTRMNT_ANCRDT_CLLCTN_NA
	TYP_AMRTSTN			Amortisation type	Tilgungsart	Code list or "NOT_APPL" CL_BBK_TYP_AMRTSTN_ANCRDT_CLLCTN_NA
	CRRNCY_DNMNTN			Currency	Währung	Code list or "NOT_APPL" CL_BBK_ISO4217_NA
	FDCRY			Fiduciary instrument	Auf Treuhandbasis gehaltenes Instrument	Code list or "NOT_APPL" CL_BBK_FDCRY_ANCRDT_CLLCTN_NA
	DT_INCPTN			Inception date	Datum des Vertragsabschlusses	Date in the format YYYY-MM-DD or "NOT_APPL"
	DT_END_INTRST_ONLY			End date of interest-only period	Enddatum des Zeitraums ausschließlicher Zinszahlung	Date in the format YYYY-MM-DD or "NOT_APPL"
	INTRST_RT_CP			Interest rate cap	Zinsobergrenze	Real numbers (positive or negative) with 6 decimal places or "NOT_APPL". Thus, an interest rate cap of 3% is to be reported as 0.030000.
	INTRST_RT_FLR			Interest rate floor	Zinsuntergrenze	Real numbers (positive or negative) with 6 decimal places or "NOT_APPL". Thus, an interest rate floor of 1% is to be reported as 0.010000.
	INTRST_RT_RST_FRQNCY			Interest rate reset frequency	Häufigkeit der Zinsanpassung	Code list or "NOT_APPL" CL_BBK_FRQNCY_INTRST_RT_RST_ANCRDT_CLLCTN_NA
	INTRST_RT_			Interest	Zinsspanne/Marge	Real numbers (positive or

	SPRD			rate spread/margin		negative) with 6 decimal places or “NOT_APPL”. Thus, an interest rate spread/margin of 150 basis points is to be reported as 0.015000.
	TYP_INTRST_RT			Interest rate type	Zinsart	Code list or “NOT_APPL” CL_BBK_TYP_INTRST_RT_NA
	DT_LGL_FNL_MTRTY			Legal final maturity date	Rechtlich endgültiges Fälligkeitsdatum	Date in the format YYYY-MM-DD or “NOT_APPL”
	CMMTMNT_INCPTN			Commitment amount at inception	Anfangsbetrag des Engagements	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
	PYMNT_FRQNCY			Payment frequency	Zahlungshäufigkeit	Code list or “NOT_APPL” CL_BBK_FRQNCY_PYMNT_ANCRDT_CLLCTN_NA
	PRJCT_FNNC_LN			Project finance loan	Projektfinanzierungskredit	Code list or “NOT_APPL” CL_BBK_PRJCT_FNNC_LN_ANCRDT_CLLCTN_NA
	PRPS			Purpose	Zweck	Code list or “NOT_APPL” CL_BBK_PRPS_ANCRDT_CLLCTN_NA
	RCRS			Recourse	Rückgriff	Code list or “NOT_APPL” CL_BBK_RCRSE_ANCRDT_CLLCTN_NA
	RFRNC_RT			Reference rate	Referenzsatz	Code list or “NOT_APPL” CL_BBK_RFRNC_RT_ANCRDT_CLLCTN_NA
	DT_STTLMNT			Settlement date	Abwicklungstermin	Date in the format YYYY-MM-DD or “NOT_APPL”
	SBRDNTD_DBT			Subordinated debt	Nachrangige Forderungen	Code list or “NOT_APPL” CL_BBK_SBRDNTD_DBT_ANCRDT_CLLCTN_NA
	SYNDCTD_CNTRCT_ID			Syndicated contract identifier	Konsortialvertragskennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~]) or “NOT_APPL”
	RPYMNT_RGHTS			Repayment rights	Rückzahlungsansprüche	Code list or “NOT_APPL” CL_BBK_RPYMNT_RGHTS_ANCRDT_CLLCTN_NA

	FV_CHNG_CR_BFR_PRCHS			Fair value changes due to changes in credit risk before purchase	Änderungen des beizulegenden Zeitwerts aufgrund von Ausfallrisiken vor dem Kauf	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
BBK_ANCRDT_INSTRMNT_PRTCTN_RCVD_C	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~]) or "NOT_APPL"
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~]) or "NOT_APPL"
	PRTCTN_ID	Yes		Protection identifier	Kennung der Sicherheit	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~]) or "NOT_APPL"
	PRTCTN_ALLCTD_VL			Protection allocated value	Berücksichtigungsfähiger Sicherheitenbetrag	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
	THRD_PRTY_PRRTY_CLMS			Third party priority claims against the protection	Vorrangige Ansprüche Dritter auf die Sicherheit	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
BBK_ANCRDT_JNT_LBLTS_C	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: printable characters in UTF-8
	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])

	JNT_LBLTY_AMNT			Joint liability amount	Betrag der Verbindlichkeiten mit mitschuldnerischer Haftung	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
BBK_ANCRDT_PRTCTN_RCVD_C	PRTCTN_ID	Yes		Protection identifier	Kennung der Sicherheit	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	TYP_PRTCTN			Type of protection	Art der Sicherheit	Code list or “NOT_APPL” CL_BBK_TYP_PRTCTN_ANCRDT_CLLCTN_NA
	PRTCTN_VL			Protection value	Wert der Sicherheit	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
	TYP_PRTCTN_VL			Type of protection value	Art des Wertes der Sicherheit	Code list or “NOT_APPL” CL_BBK_TYP_PRTCTN_VL_ANCRDT_CLLCTN_NA
	PRTCTN_VLTN_APPRCH			Protection valuation approach	Ansatz der Sicherheitenbewertung	Code list or “NOT_APPL” CL_BBK_PRTCTN_VLTN_APPRCH_ANCRDT_CLLCTN_NA
	RL_ESTT_CLLTRL_LCTN			Real estate collateral location	Belegenheitsort der Immobiliensicherheit	Code list or “NOT_APPL” CL_BBK_ISO3166_NUTS_DSJNT_NA
	DT_PRTCTN_VL			Date of protection value	Datum des Wertes der Sicherheit	Date in the format YYYY-MM-DD or “NOT_APPL”
	DT_MTRTY_PRTCTN			Maturity date of the protection	Fälligkeitstag der Sicherheit	Date in the format YYYY-MM-DD or “NOT_APPL”
	ORGNL_PRTCTN_VL			Original protection value	Ursprünglicher Wert der Sicherheit	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
	DT_ORGNL_PRTCTN_VL			Date of original protection value	Datum der ursprünglichen Wertes der Sicherheit	Date in the format YYYY-MM-DD or “NOT_APPL”
BBK_ANCRDT_PRTCTN_PRVDR_C	PRTCTN_PRVDR_CD_TYP	Yes		Protection provider identifier type	Typ der Kennung des Sicherungsgebers	Code list CL_BBK_TYP_CP_ID_PRTC
	PRTCTN_PRVDR_CD	Yes		Protection provider identifier	Kennung des Sicherungsgebers	String containing up to 60 characters: printable characters in UTF-8 or

						"NOT_APPL"
	PRTCTN_ID	Yes		Protection identifier	Kennung der Sicherheit	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
BBK_ANCRDT_HDR_C	RPRTNG_AGNT_CD	Yes		Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	OBSRVD_AGNT_CD	Yes		Observed agent	Beobachtete Einheit	String containing 8 characters: only numbers are permitted
	DT_RFRNC	Yes		Reporting period	Meldeperiode	Date in the format YYYYMM
	SRVY_ID	Yes		Type of reporting	Meldungsart	Code list CL_BBK_SRVY_ID
	PRT_MSSG	Yes		Part message	Teilmeldungsinformation	String containing 3 characters: only numbers are permitted
	IS_LST_PRT_MSSG	Yes		Last part message	Letzte Teilmeldungsinformation	Boolean
BBK_RIAD_HDR_C	RPRTNG_AGNT_CD	Yes		Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	DT_RFRNC	Yes		Reporting period	Meldeperiodestichtag	Date in the format YYYYMM
	SRVY_ID	Yes		Type of reporting	Meldungsart	Code list CL_BBK_SRVY_ID
	PRT_MSSG	Yes		Part message	Teilmeldungsinformation	String containing 3 characters: only numbers are permitted
	IS_LST_PRT_MSSG	Yes		Last part message	Letzte Teilmeldungsinformation	Boolean
BBK_ANCRDT_ENTTY_CHNGE_CD_C	TYP_OLD_CP_ID	Yes		Old counterparty identifier type	Typ der alten Vertragspartnerkennung	Here, "1" is the predetermined value set
	OLD_CP_ID	Yes		Old counterparty	Alte Vertragspartnerkennung	String containing up to 60 characters: printable characters in UTF-8

				identifier		
	TYP_NEW_CP_ID	Yes		New counterparty identifier type	Typ der neuen Vertragspartnerkennung	Here, "1" is the predetermined value set
	NEW_CP_ID	Yes		New counterparty identifier	Neue Vertragspartnerkennung	String containing up to 60 characters: printable characters in UTF-8
BBK_ANCRDT_ENTTY_PRTCTD_C	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung, die zu einer natürlichen Person übertragen wurde	String containing up to 60 characters: printable characters in UTF-8

Table 6: Listing of attributes to be reported with their exact data type specifications

Any observations containing attributes whose values are not included in the relevant subdomains will be rejected.

The code lists can be found in the document [CD-LIST].

4 Reply messages

There are two different types of reply messages. The first type of reply message contains the validation results for the reporting files submitted. These can be either technical or content-related validation results. The second type of reply message points out missing reports (templates) for a reporting period. There is an XML template file for each type of reply message (see Table 7), in which different datasets are defined which describe different reply message structures (see Table 10) alongside the header for the type of reply message (see 4.1.4 and 4.1.5).

4.1 Reply message file

4.1.1 XML template files

1. **XML template files for reply messages (depending on the type of feedback):**

The table below lists the template files for the two types of reply message.

Reply information template file	Contents
BBK_ANCRDT_ACK_V2.1-SDMX.xsd	Reply of validation results
BBK_ANCRDT_RMNDR_V2.1-SDMX.xsd	Reminder

Table 7: Template files for reply information

2. **Code list files for the codes to be used in the forms**

See 3.2.1-2.

3. **Data type files**

See 3.2.1-3.

4. **XML template files that incorporate the superordinate SDMX 2.1 standard**

See 3.2.1-4.

4.1.2 File structure

A reply message file is structured as follows.

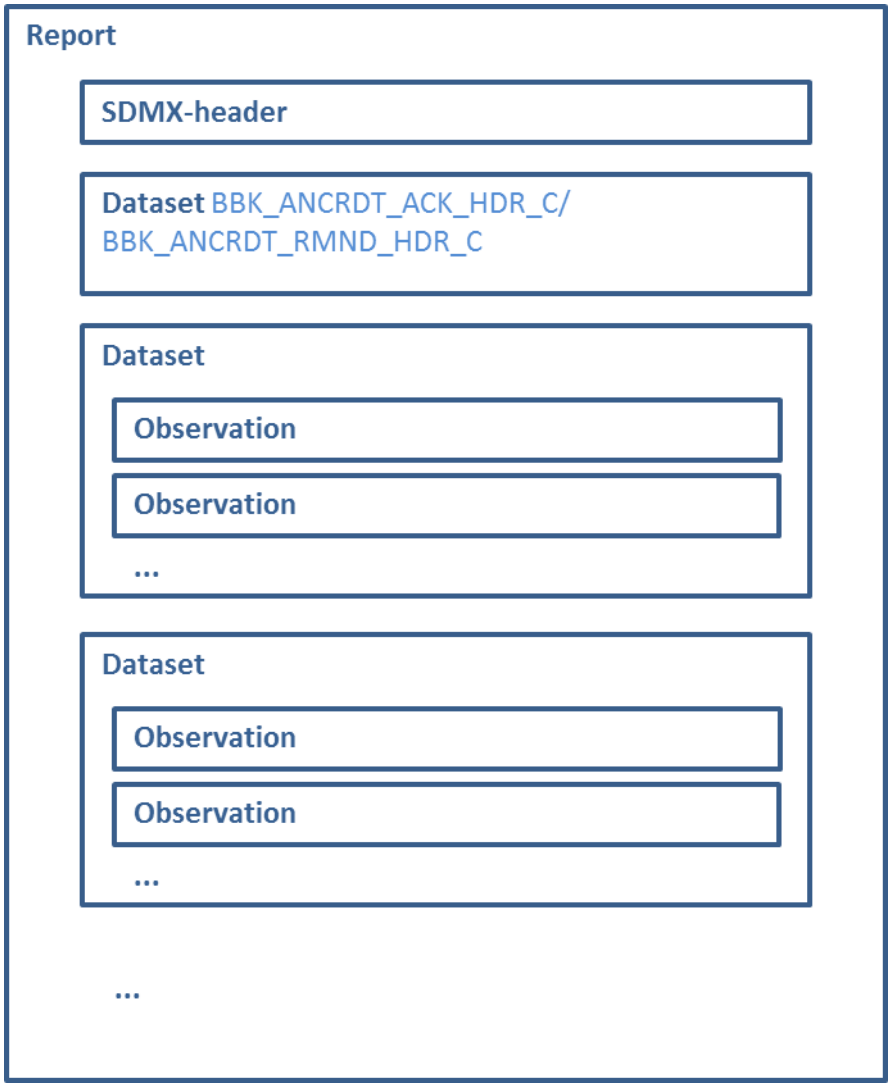

Figure 7: File structure of a reply message

4.1.3 SDMX header

Name of SDMX header element	Definition
ID	An internal Bundesbank reference number for the reply message is saved in this field. Reporting agents can refer to this field in any enquiries to the Bundesbank.
Test	For a reply message from the Bundesbank production environment (or test environment) this field is set to “false” (or “true”).
Prepared	The preparation date and time of the reply message is entered in this field.
Sender/ID	The Bundesbank’s German bank identifier code is entered here.
Receiver	Ignore
Name	Ignore
Structure	The required SDMX datasets are specified in this **multi-use** element.

Figure 8: How the mandatory fields in the header of an XML file are populated

4.1.4 BBK_ANCRDT_ACK_HDR_C Header of the validation result reply message

Attribute name	Eligible value
APPLCTN	Application from which the reply message originates (RIAD-BBk or AnaCredit-BBk)
SBMTTR_CD	Submitter identifier (as registered in the Bundesbank’s ExtraNet)
MSSG_NM	File name of the submitted file to which the reply message refers
DT_TM_SBMTTR	Submission date and time of the submitted file to which the reply message refers
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
OBSRVD_AGNT_CD	German bank identifier of the observed agent
DT_RFRNC	Reporting period of the report for which the reply message is prepared, in the following format: • YYYYMM (e.g. 201803 for March 2018)

Table 8: Eligible values for the attributes in the header BBK_ANCRDT_ACK_HDR_C with general information about the file

4.1.5 BBK_ANCRDT_RMND_HDR_C Header of the reminder

Attribute name	Eligible value
APPLCTN	Application from which the reminder originates (RIAD-BBk or AnaCredit-BBk)
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
OBSRVD_AGNT_CD	German bank identifier code of the observed agent
DT_RFRNC	Reporting period to which the reminder refers, in the following format: • YYYYMM (e.g. 201803 for March 2018)

Table 9: Eligible values for the attributes in the header BBK_ANCRDT_RMND_HDR_C with general information about the file

4.1.6 Dataset

A dataset element ("DataSet") corresponds to a specific reply message structure. All SDMX datasets are listed by template file in Table 10. The data of the individual reply message structures are the sub-elements ("observations") of the DataSet element.

4.1.7 Observation

The general format of an observation is as follows:
< Obs FIELD1="value1" FIELD2="value2" … FIELDn="valuen" />
The specific fields for each dataset are described in the relevant reply message template (see [Ana-SDMX]).

4.1.8 Reply information datasets

Template file	Description	SDMX dataset
BBK_ANCRDT_ACK	Data on reporting files referenced	BBK_ANCRDT_ACK_MSSG_ID_C
	Data on XML validation results	BBK_ANCRDT_VLD_ACK_XML_C
	Data on other validation results	BBK_ANCRDT_VLD_ACK_C
BBK_ANCRDT_RMNDR	Reminder data	BBK_ANCRDT_RMNDR_C

Table 10: Mapping of SDMX dataset to the two reply message template files

4.2 Attributes for reply messages

DSD	Technical attribute name	Mandatory field	Description (English)	Description (German)	Data type specification
BBK_ANCRDT_ACK_MSSG_ID_C_ACK_XML_C	MSSG_ID	Yes	Message identifier (Identifier of one of the files processed by the Bundesbank by the time at which the reply information is prepared (see SDMX header under 3.2.3))	ID einer der bis zum Zeitpunkt der Erstellung der Rückmeldung von der Bundesbank verarbeiteten Dateien (siehe SDMX-Header unter 3.2.3)	String

	TMPLT	Yes	Template	Template	Code list CL_BBK_SRVY_ID
BBK_ANCRDT_VLD_ACK_XML_C	ERR_ID	Yes	Error identifier	Fehler ID	String
	XML_CLMN	Yes	XML column containing error	XML-Spalte des Fehlers	Integer
	XML_RW	Yes	XML row containing error	XML-Zeile des Fehlers	Integer
	ERR_SVRTY	Yes	Error severity	Fehlerschweregrad	String
	ERR_MSSG	Yes	Error message	Fehlermeldung	String
BBK_ANCRDT_VLD_ACK_C	VLDTN_ID	Yes	Validation identifier	Validierungscode	String
	CP_ID		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: printable characters in UTF-8
	TYP_CP_ID		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	CNTRCT_ID		Contract identifier	Vertragskennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID		Instrument identifier	Instrumentenkennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	PRTCTN_ID		Protection identifier	Kennung der Sicherheit	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~])
	ENTTY_RL		Counterparty role	Rolle des Vertragspartners	Code list CL_ECBSDD_ENTTY_RL_ANCRDT_CLLCTN
	VLD_FRM		Valid from	Gültig ab	Date in the format YYYYMM
BBK_ANCRDT_RMNDR_C	VLDTN_ID	Yes	Validation identifier	Validierungscode	String
	MSSNG_TMPLT	Yes	Missing template	Fehlendes Template	Code list CL_BBK_SRVY_ID

BBK_ANCRDT_ACK_HDR_C	APPLCTN	Yes	Application	Anwendung	String
	SBMTTR_CD	Yes	Submitter identifier	Kennung des Einreichers	String
	MSSG_NM		Message name	Dateiname	String
	DT_TM_SBMTTR		Submission timestamp	Einreichungszeitpunkt	DateTime
	RPRTNG_AGNT_CD		Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	OBSRVD_AGNT_CD		Observed agent	Beobachtete Einheit	String containing 8 characters: only numbers are permitted
	DT_RFRNC		Reporting period	Meldeperiode	Date in the format YYYYMM
BBK_ANCRDT_RMND_HDR_C	APPLCTN	Yes	Application	Anwendung	String
	RPRTNG_AGNT_CD	Yes	Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	OBSRVD_AGNT_CD		Observed agent	Beobachtete Einheit	String containing 8 characters: only numbers are permitted
	DT_RFRNC		Reporting period	Meldeperiode	Date in the format YYYYMM

Table 11: List of attributes for reply messages

4.3 Validation results reply message

The validation results reply message will be sent to both the submitter and the reporting agent. The submitter and reporting agent receive identical reply messages.

There are two different types of reply messages.

4.3.1 File-related reply message:

One file-related reply message will be sent per submitted file.

4.3.2 Reporting period-related reply message

In addition to file-related reply messages, the AnaCredit-BBk system will send reporting period-related reply messages per observed agent and reporting period. The reporting period-related reply messages cover all files submitted up to a certain date.

4.4 Reply message for ECB validation results

In addition to the Bundesbank validation results reply messages, reply messages on certain ECB validation results will be sent if the validation errors identified by the ECB per reporting period and observed agent go beyond those identified by the Bundesbank. The validation codes match those in the “Manual on AnaCredit validation rules”; see [VLD_AC]. The format matches the type of reply message for validation results, i.e. the template file “BBK_ANCRDT_ACK”.

4.5 File name of a reply message file

In general, the file extension for XML files is **xml**, while the extension for ZIP archives is **zip**.

4.5.1 Validation results reply messages:

There are two types of validation results reply messages: a file-related reply message and a reporting period-related reply message.

4.5.1.1 File name of a file-related reply message:

The general structure of the file name for a file-related reply message is as follows:
ACK_FLV_{file name of reporting file}.xml.zip

Example:
Reporting file name: ac1m_50400000_201809_10001_3e.xml.zip
File name: ACK_FLV_ac1m_50400000_201809_10001_3e.xml.zip

4.5.1.2 File name of reporting period-related reply message:

The general structure of the file name for a reporting period-related reply message is as follows:
ACK_VLD_{BLZ}_{reporting period}_{date}.xml.zip,
where all files that were submitted up to and including the date specified in {date} are included in the validation. The German bank identifier code of the observed agent should be given for {BLZ}.

Example:

German bank identifier code of the observed agent:	50400000
Reporting period:	09.2018
Latest submission date considered:	10.10.2018

File name: ACK_VLD_50400000_201809_20181010.xml.zip

In the case of revalidation, the file name is as follows:
ACK_RVL_{BLZ}_{reporting period}_{date}.xml.zip,
where all files that were submitted up to and including {date} were included in the revalidation.

4.5.1.3 File name for reply messages for ECB validation results:

The general structure of reply messages for ECB validation results is as follows:
ACK_ECB_{BLZ}_{reporting period}.xml.zip

Example:

German bank identifier code of the observed agent:	50400000
Reporting period:	09.2018

File name: ACK_ECB_50400000_201809.xml.zip