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Exchange formats for the Audit Data Collection Standard: XBRL

Draft

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](https://www.iso.org/directives-and-policies.html)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](https://www.iso.org/iso-standards-and-patents.html)).

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This document was prepared by Technical Committee ISO/TC 295, Audit data services.

A list of all parts in the ISO ##### series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](https://www.iso.org/members.html).

Introduction

Nobu: Semantic modeling is defined based on following standards:

a) CCS defined in ISO 15000-5 Electronic Business Extensible Markup Language (ebXML) -- Part 5: Core Components Specification (CCS);

b) Business rule definition for Core Invoice Usage Specification (CIUS) in EN 16931-1 Electronic Invoicing - Semantic data model of the core elements of an electronic invoice; and

c) Extensible Business Reporting Language (XBRL) 2.1.

Business rules can be validated using formula linkbase defined in taxonomy. We are standing on the shoulders of giants and defining new standards for new business domains for auditing.

NOTE Wikipedia says that it is a metaphor of dwarfs **standing on the shoulders of giants** (Latin: nanos gigantium humeris insidentes) and expresses the meaning of "discovering truth by building on previous discoveries". This concept has been traced to the 12th century, attributed to Bernard of Chartres. Its most familiar expression in English is by Isaac Newton in 1675: **"If I have seen further, it is by standing on the shoulders of Giants.**"

XBRL is the open international standard for digital business reporting, XBRL is used around the world, in more than 50 countries. Millions of XBRL documents are created every year, replacing older, paper-based reports with more useful, more effective and more accurate digital versions. XBRL provides a language in which reporting terms can be authoritatively defined. Those terms can then be used to uniquely represent the contents of financial statements or other kinds of compliance, performance and business reports. XBRL lets reporting information move between organisations rapidly, accurately and digitally.

The new format allows you to do all the things that used to be possible, but also opens up a range of new capabilities because the information is clearly defined, platform-independent, testable and digital. Just like digital maps, digital business reports, in XBRL format, simplify the way that people can use, share, analyse and add value to the data. XBRL makes reporting more accurate and more efficient. It allows unique tags to be associated with reported facts, allowing: people publishing reports to do so with confidence that the information contained in them can be consumed and analysed accurately people consuming reports to test them against a set of business and logical rules, in order to capture and avoid mistakes at their source people using the information to do so in the way that best suits their needs, including by using different languages, alternative currencies and in their preferred style people consuming the information to do so confident that the data provided to them conforms to a set of sophisticated pre-defined definitions Comprehensive definitions and accurate data tags allow the:

* preparation
* validation
* publication
* exchange
* consumption; and
* analysis

of business information of all kinds. Information in reports prepared using the XBRL standard is interchangeable between different information systems in entirely different organisations. This allows for the exchange of business information across a reporting chain. People that want to report information, share information, publish performance information and allow straight through information processing all rely on XBRL.

In addition to allowing the exchange of summary business reports, like financial statements, and risk and performance reports, XBRL has the capability to allow the tagging of transactions that can themselves be aggregated into XBRL reports. These transactional capabilities allow system-independent exchange and analysis of significant quantities of supporting data and can be the key to transforming reporting supply chains.

Followings are some of the most important features of XBRL;

1. Clear Definitions — XBRL allows the creation of reusable, authoritative definitions, called taxonomies, that capture the meaning contained in all of the reporting terms used in a business report, as well as the relationships between all of the terms. Taxonomies are developed by regulators, accounting standards setters, government agencies and other groups that need to clearly define information that needs to be reported upon. XBRL does not limit what kind of information is defined: it’s a language that can be used and extended as needed.
2. Testable Business Rules — XBRL allows the creation of business rules that constrain what can be reported. Business rules can be logical or mathematical, or both. These business rules can be used to:
   * stop poor quality information being sent to a regulator or third party, by being run by the preparer while the report is in draft.
   * stop poor quality information being accepted by a regulator or third party, by being run at the point that the information is being received. Business reports that fail critical rules can be bounced back to the preparer for review and resubmission.
   * flagging or highlighting questionable information, allowing prompt follow up, correction or explanation.
   * create ratios, aggregations and other kinds of value-added information, based on the fundamental data provided.
3. Multi-lingual Support — XBRL allows concept definitions to be prepared in as many languages as necessary. Translations of definitions can also be added by third parties. This means that it is possible to display a range of reports in a different language to the one that they were prepared in, without any additional work. The XBRL community makes extensive use of this capability as it can automatically open up reports to different communities.

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ISO no position concerning the evidence, validity and scope of this patent right.

The holder of this patent right has assured ISO that he/she is willing to negotiate licences under reasonable and non-discriminatory terms and conditions with applicants throughout the world. In this respect, the statement of the holder of this patent right is registered with ISO. Information may be obtained from the patent database available at [www.iso.org/patents](http://www.iso.org/patents).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights other than those in the patent database. ISO shall not be held responsible for identifying any or all such patent rights.

Exchange formats for the Audit Data Collection Standard: XBRL

# Scope

In ISO 21378:2019, flat file in CSV is defined as the only output file format. Without separating the semantic data modeling of physical file formats and syntactic bindings, it is difficult to consistently define mapping between flat file and structured file formats (XML, JSON, XBRL, and new emerging file formats, etc.). Semantic data modeling of audit data based on business process analysis enables clear and complete definition of XBRL syntax bindings and leverages XBRL capabilities.

TC 295 scope covers the content specification as well as the collection, pre-processing, management and analysis techniques for identification, communication, receipt, preparation and use of audit data. Semantic data modeling independent from syntax detail will make it simple and clear to define these requirements.

In ISO 21378:2019, data profiling report and data questionnaire are provided as textual explanations for auditors. XBRL helps automate these audit processes by checking the integrity of historical audit trail data and validating business rules against the collected data.

Even if unusual signs can be detected from machine learning patterns in the data exchanged, it is difficult to explain what the problem is and deal with it. XBRL is used to define firm business rules as internal control, detect abnormalities against them, deal with problems, and, depending on the type of problem, improve internal control rules.

The proposed deliverable contains:

Semantic data modeling

* Business parties involved and their roles and relationships
* Employee roles and activities
* Semantic datatypes
* Business processes
* Business controls and audit trails
* Core audit data model
* Business rules to-be validated

Syntax binding for XBRL

* Core audit data binding for XBRL
* Business rules validation
* Example instance documents

# Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 15000-5:2014, Electronic Business Extensible Markup Language (ebXML) — Part 5: Core Components Specification (CCS)

ISO/IEC 19845:2015, Information technology — Universal business language version 2.1 (UBL v2.1)

CEN EN 16931-1:2017+A1:2019, Electronic invoicing - Part 1: Semantic data model of the core elements of an electronic invoice

CEN/TS 16931-3-2:2020, Electronic invoicing - Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note

# Terms and definitions

For the purposes of this document the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp>

— IEC Electropedia: available at <http://www.electropedia.org/>

3.1

object

anything perceivable or conceivable

[SOURCE ISO/IEC 11179-5, 4.15]

3.2

data

reinterpretable representation of information in a formalized manner suitable for communication, interpretation or processing

3.3

record

<organization of data> set of *Business Information Entities* (3.19) treated as a unit

3.4

context

circumstance, purpose, and perspective under which an *object* (3.1) is defined or used

3.5

financial transaction

transaction between two or more parties involving the exchange of commonly defined financial products

[SOURCE: ISO 23897:2020, 3.3]

3.6

identifier

object by which something is identified(3.5.1.9)

[SOURCE: ISO 9075-1:2016, 3.1.1.8]

3.7

identify

to reference something without ambiguity

[SOURCE: ISO 9075-1:2016, 3.1.1.8]

3.8

unique identifier

*identifier* (3.6) that uniquely *identifies* (3.7) *record* (3.3) or *financial transaction(3.5)* by its value

Note 1 to entry: The unique identifier shall not be null value and its value is unique.

Note 2 to entry: The unique identifier value may be auto generated by the computer and used for data linking within the system.

Note 3 to entry: The unique identifier value may need to be created by concatenating fields (for example, document number, document type, and year) to uniquely *identify* (3.5.9) *record* (3.3.18).

**3.9**

**reference Identifier**

*identifier* (3.6) that uniquely *identifies* (3.7) referencing *record* (3.3) or *financial transaction(3.5)* by its value

Note 1 to entry: The reference identifier has the same value with the *unique identifier (3.8)* value of referencing *record (3.3)* or *financial transaction(3.5).*

**3.10**

**accounting data**

recorded transactions, events and business activities (for example, purchases and sales), providing the sources from which financial and business data is derived or generated, to be shared by management of an organization for internal or external auditors to facilitate their gathering of evidence to support an opinion, provide assurance, provide oversight or help improve an organization's operations and controls

Note 1 to entry: Accounting data may include source documents, transaction data, accounting documents and vouchers, journals, ledgers and spreadsheet's text of the definition.

**3.11**

**audit data**

*accounting data (3.10)* from accounting and ERP systems to conduct audit procedure

3.12

**functional currency**

currency of the primary economic environment in which the entity operates

3.13

**local currency**

currency of the local economic environment in which a distinct and separable operation is physically located, but not necessarily the economic environment where it operates

Note 1 to entry: A distinct and separable operation may choose (or be required by law) to maintain its books and records in a local currency which is not its functional currency.

3.14

**reporting currency**

currency in which financial statements are presented

3.15

transaction currency

currency in which business transactions are processed and booked

3.16

business control

process, effected by an entity's board of directors, management and other personnel, designed to provide reasonable assurance regarding the achievement of objectives in effectiveness and efficiency of operations, reliability of financial reporting, and compliance with applicable laws and regulations

[SOURCE: CEN CWA 16460]

3.17

audit trail

paper and/or electronic record that gives a step-by-step documented history of a transaction, which can validate or invalidate accounting entries

Note 1 to entry: Components of an audit trail include: source records, list of transactions processed and transaction identifiers so that reference can be made to the source of a transaction.

[SOURCE: CEN CWA 16460]

3.18

syntax binding

process of expressing a *Business Information Entity* (3.19) in a specific syntax

[SOURCE: ISO15000-5:2014, 3.40]

3.19

Business Information Entity

BIE

piece of business data or a group of pieces of business data with a unique *Business Sementic* (3.20) definition

[SOURCE: ISO15000-5:2014, 3.12]

3.20

Business Semantic

precise meaning of words from a business perspective

[SOURCE: ISO15000-5:2014, 3.14]

3.21

Business Term

synonym under which the *Core Component* (3.23) or *Business Information Entity* (3.19) is commonly known and used in the business

[SOURCE: ISO15000-5:2014, 3.15]

3.22

cardinality

indication of whether a characteristic is optional, mandatory and/or repetitive

[SOURCE: ISO15000-5:2014, 3.16]

3.23

Core Component

CC

building block for the creation of a semantically correct and meaningful information exchange package which contains only the information pieces necessary to describe a specific concept

[SOURCE: ISO15000-5:2014, 3.23]

3.24

Dictionary Entry Name

DEN

unique official name of a *Core Component* (3.23), *Business Information Entity* (3.19), Business Context or *Data Type* (3.25) in the dictionary

[SOURCE: ISO15000-5:2014, 3.29]

3.25

Data Type

DT

set of valid values that can be used for a particular Basic Core Component Property or Basic Business Information Entity Property

[SOURCE: ISO15000-5:2014, 3.27]

3.26

Naming Convention

set of rules that together comprise how the Dictionary Entry Name for *Core Components* (3.23) and *Business Information Entities* () are constructed

[SOURCE: ISO15000-5:2014, 3.31]

3.27

Object Class

logical data grouping (in a logical data model) to which a data element belongs

[SOURCE: ISO15000-5:2014, 3.32]

3.28

Object Class Term

component of the name of a *Core Component* (3.23) or *Business Information Entity* (3.19) which represents the *Object Class* (3.27) to which it belongs

[SOURCE: ISO15000-5:2014, 3.33]

3.29

Primitive Type

used for the representation of a value

[SOURCE: ISO15000-5:2014, 3.34]

3.30

Property

characteristic common to all members of an *Object Class* (3.27)

[SOURCE: ISO15000-5:2014, 3.35]

3.31

Property Term

semantically meaningful name for the characteristic of an *Object Class* (3.27)

[SOURCE: ISO15000-5:2014, 3.36]

3.32

Qualifier Term

word or group of words that help define and differentiate a *Business Information Entity* (3.19) or a *Data Type* (3.25)

[SOURCE: ISO15000-5:2014, 3.37]

3.33

Representation Term

type of valid values for a *Core Component* (3.23) or *Business Information Entity* (3.19)

[SOURCE: ISO15000-5:2014, 3.38]

3.34

Business Context

characteristic of a business circumstance

3.35

Aggregate Business Information Entity

ABIE

collection of related pieces of business information that together convey a distinct business meaning in a specific *Business Context* (3.34)

[SOURCE: ISO15000-5:2014, 3.1]

3.36

Aggregate Core Component

ACC

collection of related pieces of business information that together convey a distinct business meaning, independent of any specific *Business Context* (3.34)

[SOURCE: ISO15000-5:2014, 3.2]

3.37

Association Business Information Entity

ASBIE

*Business Information Entity* (3.19) that represents a complex business characteristic of a specific *Object Class* (3.27) in a specific *Business Context* (3.34)

[SOURCE: ISO15000-5:2014, 3.3]

3.38

Association Core Component

ASCC

*Core Component* (3.23) which constitutes a complex business characteristic of a specific *Aggregate Core Component* (3.36) that represents an *Object Class* (3.27)

[SOURCE: ISO15000-5:2014, 3.5]

3.39

Basic Business Information Entity

BBIE

*Business Information Entity* (3.19) that represents a singular business characteristic of a specific *Object Class* (3.27) in a specific *Business Context* (3.34)

[SOURCE: ISO15000-5:2014, 3.8]

3.40

Basic Core Component

BCC

*Core Component* (3.23) has a unique *Business Semantic* (3.20) definition and it constitutes a singular business characteristic of a specific *Aggregate Core Component* (3.36) that represents an *Object Class* (3.27)

[SOURCE: ISO15000-5:2014, 3.10]

3.41

Identifier Business Information Entity

IDBIE

*Business Information Entity* (3.19) that represents a unique identifier for a specific *Aggregate Business Information Entity* (3.35) that represents an *Object Class* (3.27) in a specific *Business Context* (3.34)

3.42

Identifier Core Component

IDCC

*Core Component* (3.23) has a unique *Business Semantic* (3.20) definition and it constitutes a unique identifier for a specific *Aggregate Core Component* (3.36) that represents an *Object Class* (3.27)

3.43

Reference Business Information Entity

RLBIE

*Business Information Entity* (3.19) that represents a reference identifier for a specific *Aggregate Business Information Entity* (3.35) that represents an *Object Class* (3.27) in a specific *Business Context* (3.34)

3.44

Reference Core Component

RLCC

core component has a unique *Business Semantic* (3.20) definition and it constitutes a reference identifier for a specific *Aggregate Core Component* (3.36) that represents an *Object Class* (3.27)

3.45

Core Component Library

CCL

collection of *Core Components* (3.23) created by a particular organization

[SOURCE: ISO15000-5:2014, 3.24]

# Abbreviated terms

|  |  |
| --- | --- |
| ABIE | Aggregate Business Information Entity |
| ACC | Aggregate Core Component |
| ADS | Audit data services |
| AP | Accounts Payable |
| AR | Accounts Receivable |
| ASBIE | Association Business Information Entity |
| ASCC | Association Core Component |
| BBIE | Basic Business Information Entity |
| BCC | Basic Core Component |
| CCL | Core Component Library |
| ERP | Enterprise Resource Planning |
| GL | General Ledger |
| ID | Unique Identifier |
| IDBIE | Identifier Business Information Entity |
| IDCC | Identifier Core Component |
| INV | Inventory |
| O2C | Order to Cash |
| P2P | Purchase to Pay |
| PPE | Property, Plant and Equipment |
| RLBIE | Relation Business Information Entity |
| RLCC | Relation Core Component |
| REF | Reference Identifier |
| TIN | Tax Identification Number |
| UOM | Unit of Measurement |

# Semantic modeling

## General

Write introduction

## Business parties involved and their roles and relationships

Nobu: We shall define the parties and their roles from an audit perspective

**Figure 1** shows party and their roles involved in the business transactions.

多角形 が含まれている画像

自動的に生成された説明

Figure 1 — Party and their roles (informative)

In the UBL supply chain processes, two main actors, Customer and Supplier, represent the key organizations or people involved in the processes. Each of these actors may play various roles. Some processes may also involve supplementary roles that may be provided by different parties.

## Employee roles and user activities

Nobu: We shall define the employees and system users and their roles and activities from an audit perspective.

**Figure 2** shows employee and system user and their roles.

暗い部屋のcg

中程度の精度で自動的に生成された説明

Figure 2 — Employee roles and user activities (informative)

The users managing the ERP system shall have unique identification data, enabling job identification and authentication of the users. The identification and authentication data shall be revoked without delay in case of the cessation of user rights. Each employee shall have the necessary education, practice and professional experience for the provision of his scope of activities.

The Party shall log every transactional event that can provide information on activity, changes happened in the ERP system, every verification activity performed related to transaction and / or accounting. In case of every log entry, the following data shall be stored:

* the date and time of the activity;
* the type of the event;
* the success or failure of the implementation;
* the identification of the user or the system who/what triggered the event

## Business processes

### General

Nobu: We shall define the business processes from an audit perspective.

## Business controls and audit trails

### General

Nobu: We shall define the business controls from an audit perspective.

## Semantic data modeling

### Core Components Specification

#### General

Semantic data modeling of ADS is based on the Core Components Specification (CCS) defined in ISO 15000-5Electronic Business Extensible Markup Language (ebXML) — Part 5: Core Components Specification (CCS).

**Figure 6** shows the central concept of this International Standard is the Core Component. The Core Component is a semantic building block, which is used as a basis to construct all electronic business messages.

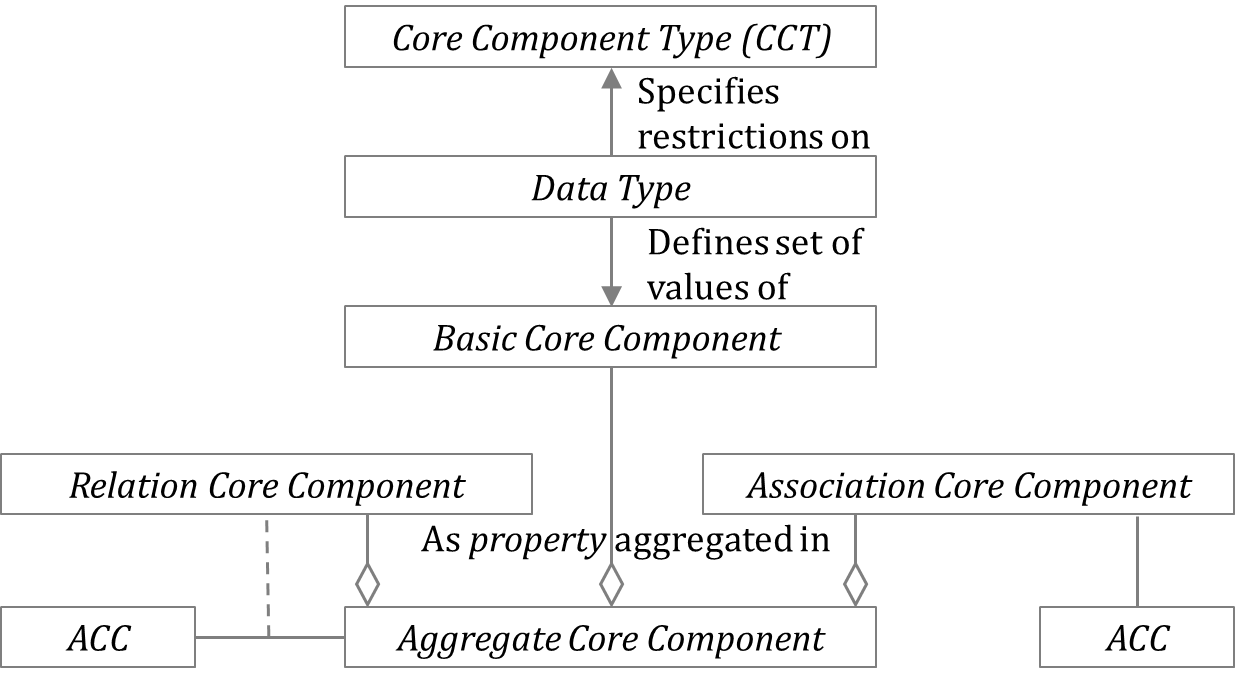


Figure 6 — Core Components

There are four different categories of Core Components:

a) Basic Core Component (BCC);

b) Association Core Component (ASCC);

c) Core Component Type (CCT);

d) Aggregate Core Component (ACC);

e) Identifier Core Component (IDCC). and

f) Relation Core Component (RLCC).

NOTE Audit data collection requires a concept to clearly define the relationships between ACCs.

UML defines three types of relationships: association, aggregate, and composite. In CCL, ACC names another ACC that is included as a whole as an aggregate element as ASCC. Note that ASCC as used here means composite rather than association.

Nobu: The main reason to extend IDCC, RLCC, IDBIE and RLBIE is that we need to process the collected documents or ledger. CCS does not provide clear distinction between reference identifiers among basic data elements. Transaction-oriented CCS uses ASCC and ASBIE to represents a single document containing multiple line items. UN/CEFACT standard designed to represent a single transactional document.

The relationship between primary key and reference identifier is important to examine relevant documents between collected documents. IDCC, RLCC, IDBIE and RLBIE can define primary key elements and reference identifier elements more clearly. Audit data collection is handling multiple documents.

The CCS and this standard belong to the different business domain. I do not intend to update CCS and I think we do not need to request UNECE to support RLCC or RLBIE. Extending RLCC and RLBIE is to help audit requirements. We are developping new standard based on their efforts starting with the 20th century. This means that we are developing standard by "standing on the shoulder of the giant”.

The new IDCC defines that this Core Component is a BCC that defines a unique identifier for CC.

The new RLCC defines that this Core Component is a BCC that defines a reference identifier that is a unique identifier for another ACC.

The key differentiator between Core Components and Business Information Entities is the concept of Business Context. Business context is a mechanism for refining the semantic meaning of components according to the specific requirements of their context of use. Once Business Contexts are identified, Core Components can be designed to take into account any necessary qualification and refinement needed to support the use of their Core Component in the given Business Context. The Business Process definition provides a high level description of the use of a message and its contents. When a Core Component is used in a real business circumstance it serves as the basis of a Business Information Entity. The Business Information Entity is the result of using a Core Component within a specific Business Context. [SOURCE: ISO 15000-5:2016 0.4]

The features of the relationship between Core Components and Business Information Entities are described in the **Figure 7**.

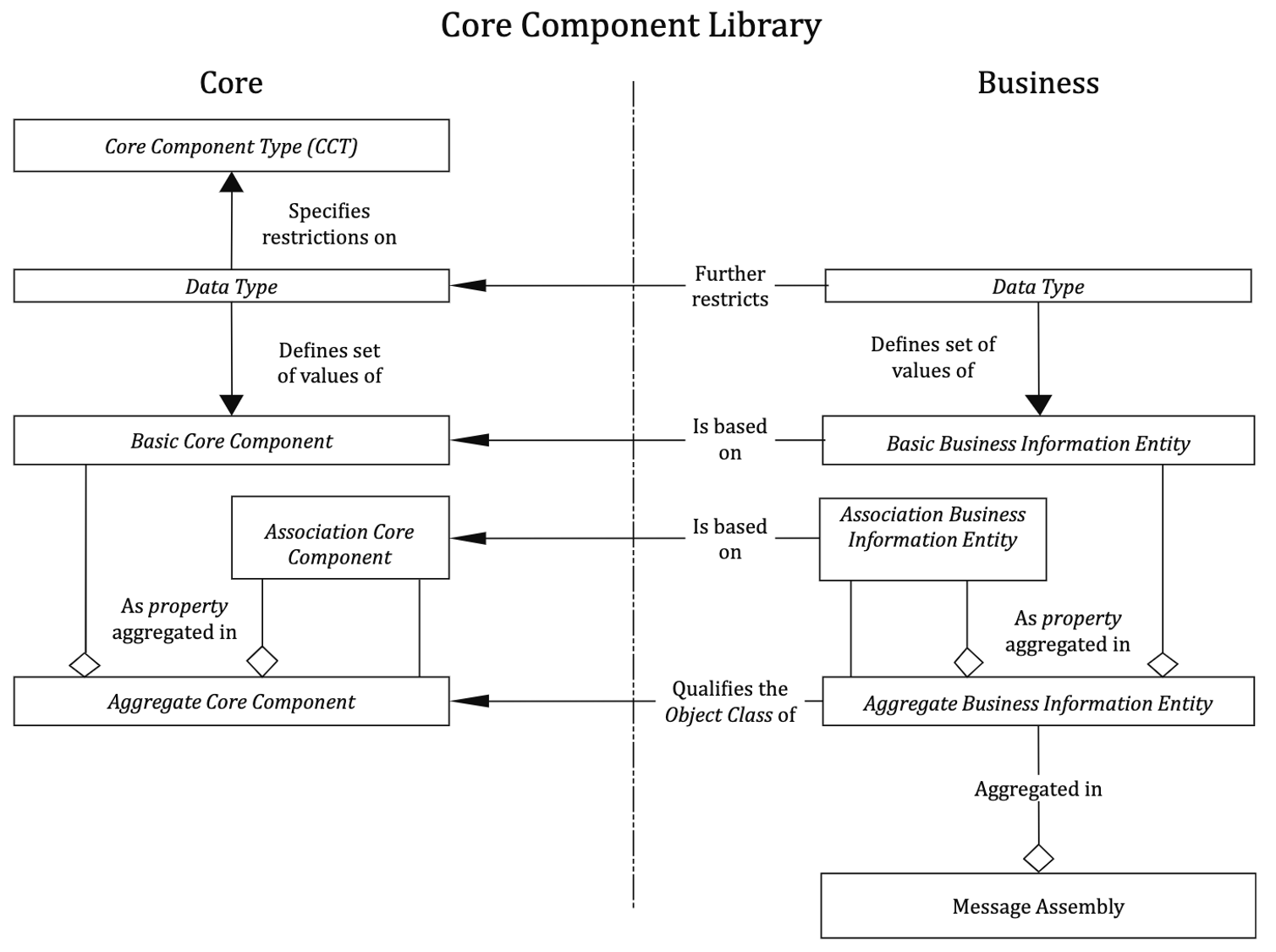


Figure 7 — Relationships between Core Components and Business Information Entities

**Figure 8** shows Business Information Entities basic definition model. Business information is based on Core Components and is defined in the context defined in the business context. We use "ADS" as a qualifier term for "Audit data service" business context. An Aggregate Business Information Entity is defined by selecting the appropriate properties defined in the base Aggregate CoreCcomponent and adding the required properties in this standard. UN/CCL version 20A has been selected for this standard as the base Core Component Library for defining Aggregated Business Information Entities in the audit data standard business context.

ダイアグラム, 概略図

自動的に生成された説明Figure 8 — Business Information Entities Basic Definition Model

The Core Components in the following clause are defined in the same way as the object classes in the Core Component library (UN / CCL) registered by UNECE.

#### Semantic data type

**Table 4** lists semantic data types from Core Component type. The reference identifier is added to the data type defined in ISO 15000-5.

Table 4 — Semantic data types

| Semantic data type | Component | | Use | Primitive Type | Example | Description |
| --- | --- | --- | --- | --- | --- | --- |
| Amount | a | Amount. Content | M | Decimal | 10000.25 | A number of monetary units specified in a currency where the unit of currency is explicit or implied. |
| b | Amount. Currency. Identifier | C | String | JPY |
| Unit Price | c | Amount. Content | M | Decimal | 10000.1234 | A unit price amount states a numerical monetary amount value for Business Information Entities that contain item prices that may be multiplied by item quantities. The currency of the amount is explicit or implied. |
| d | Amount. Currency. Identifier | C | String | JPY |
| Percentage | e | Numeric. Content | M | Decimal | 34.7812 | Percentages are given as fractions of a hundred (per cent) e. g. the value 34,78 % in percentage terms is given as 34,78. |
| Numeric | f | Numeric. Content | M | Decimal | 471 | Numeric information that is assigned or is determined by calculation, counting, or sequencing. It does not require a unit of measure. |
| Quantity | g | Quantity. Content | M | Decimal | 10000.1234 | Quantities are used to state a number of units such as for items. The code for the Unit of Measure (Quantity Unit. Code) is explicit or impllicit. |
| h | Quantity Unit. Code | C | String |  |
| i | Quantity Unit. Code List. Identifier | O | String |  |
| j | Quantity Unit. Code List Agency. Identifier | O | String |  |
| Code | k | Code. Content | M | String | Abc123 | Codes are used to specify allowed values in elements as well as for lists of options. Code is different from Identifier in that allowed values have standardized meanings that can be known by the recipient. |
| l | Code List. Identifier | O | String |  |
| m | Code List. Agency. Identifier | O | String |  |
| n | Quantity Unit. Code List Agency. Identifier | O | String |  |
| o | Code List. Version. Identifier | O | String |  |
| Identifier | p | Identifier. Content | M | String | abc:123-DEF | Identifiers (IDs) are keys that are issued by the sender or recipient of a document or by a third party. |
| q | Identification Scheme. Identifier | C | String | GLN |
| r | Identification Scheme Agency. Identifier | O | String |  |
| s | Identification Scheme. Version. Identifier | C | String | 1.0 |
| Indicator | t | Indicator. Content | M | String | on, off  or yes, no | A list of exactly two mutually exclusive values that express  the only possible states of a Property. |
| Date | u | Date. Content | M | Date | 2017-12-01 | Dates shall be in accordance with the " Complete representation of a calendar date" as specified by ISO 8601-1:2019, format YYYY-MM-DD. |
| Time | v | Time. Content | M | Time | 23:20:50 | Time shall be in accordance with the "Complete representation of a time of day" as specified by ISO 8601-1:2019, format hh:mm:ss |
| Reference Identifier | w | Identifier. Content | M | String | abc:123-DEF | Reference identifier Types are identifiers that were assigned to a document or document line. |
| Text | x | Text. Content | M | String | 5% allowance when paid within 30 days | Text is the actual wording of anything written or printed. Line breaks in the text may be present, and any line breaks should be preserved and respected by the receiver's system |
| y | Language. Identifier | O | String | ja\_JP |
| **Key** M: Mandatory, O: Optional, C: Conditional | | | | | | |

#### Rules for Dictionary Entry Name

Core Component naming rules are based on the rules as defined in ISO 15000-5. [R3] is added for RLCC.

**[R1]** The Dictionary Entry Name of a Basic Core Component shall consist of the following parts in the

order specified:

— the Object Class Term of the Aggregate Core Component owning the corresponding Basic Core

Component Property;

— the Property Term of the corresponding Basic Core Component Property;

— the Representation Term of the Data Type on which the corresponding Basic Core Component

Property is based.

**[R2]** The Dictionary Entry Name of an Association Core Component shall consist of the following

parts in the order specified:

— the Object Class Term of the Aggregate Core Component owning the corresponding Association

Core Component Property;

— the Property Term of the corresponding Association Core Component Property;

— the Object Class Term of the Aggregate Core Component on which the corresponding Association

Core Component Property is based.

**[R3]** The Dictionary Entry Name of a Relation Core Component shall consist of the following

parts in the order specified:

— the Object Class Term of the Aggregate Core Component owning the corresponding Association

Core Component Property;

— the Property Term of the corresponding Relation Core Component Property;

— the Object Class Term of the Aggregate Core Component to which the corresponding Relation

Core Component is referencing.

The Business Information Entity naming rules are also based on the following concepts as defined in

ISO15000-5.

— Object Class: this represents the logical data grouping or aggregation (in a logical data model) to

which a data element belongs. The Object Class is expressed as an Object Class Term. The Object

Class is thus the part of a Business Information Entity's Dictionary Entry Name that represents an

activity or object in a specific Context. Object Classes have explicit boundaries and meaning and

their Properties and behaviour follow the same rules.

— Property Term: this represents the distinguishing characteristic or Property of the Object Class and

shall occur naturally in the definition.

— Representation Term: an element of the Business Information Entity name which describes the form

in which the Business Information Entity is represented.

— Qualifier Term: a word or words which help define and differentiate a Business Information

**Table 5** provides a list of permissible Representation Terms.

The Dictionary Entry Name shall consist of the following components in the specified order:

— the Object Class Term of the corresponding Basic Core Component;

— the Property Term of the corresponding Basic Core Component;

— the Representation Term of the Data Type.

Table 5 — List of permissible Representation Terms

|  |  |  |  |
| --- | --- | --- | --- |
| Primary Representation Term | Definition | Related CCT | Secondary Representation Terms |
| Amount | A number of monetary units specified in a currency where the unit of currency is explicit or implied. | Amount. Type |  |
| Unit Price | A number of monetary units specified in a currency where the unit of currency is explicit or implied for unit price. | Unit Price. Type |  |
| Code | A character string (letters, figures or symbols) that for brevity and / or language independence may be used to represent or replace a definitive value or text of a Property. | Code. Type |  |
| Date Time | A particular point in the progression of time (ISO 8601). | Date Time. Type | Date, Time |
| Identifier | A character string used to establish the identity of, and distinguish uniquely, one instance within an identification scheme from all others within the same scheme. | Identifier. Type |  |
| Indicator | A list of exactly two mutually exclusive values that express the only possible states of a Property. | Indicator. Type |  |
| Numeric | Numeric information that is assigned or is determined by calculation, counting or sequencing. | Numeric. Type | Value, Rate, Percent |
| Quantity | A counted number of non-monetary units. Quantities may be specified with a unit of quantity. | Quantity. Type |  |
| Text | A character string (i.e. a finite set of characters) generally in the form of words of a language. | Text. Type | Name |

Business Terms are those terms that are commonly used for information exchanges within a given domain. As such, no specific naming rules apply to Business Terms. Core Components

### Core Components

#### Legend

Each information element that constitutes the semantic data model of the Core Components is described as a row in the table documented in the following sub-clause where the following information is provided.

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |

No: A sequence number for the information element.

CC: Specifies which category of Core Component the information element belongs to.

1. ACC: Aggregate Core Component
2. ASCC: Association Core Component
3. BCC: Basic Core Component
4. IDCC: Identifier Core Component
5. RLCC: Relation Core Component

Business Term: A synonym used in business where a Core is commonly known.

Definition: A definition of the information element.

ID: A unique identifier uniquely assigned by the United Nations are numberd UNnnnnnnnn. The Core Components defined in this standard are numberd ADCS-nnnnn.

Dictionary Entry Name: A unique official name of a Core Component registered by the United Nations. . If there is no corresponding registered information element, named according to the naming convention defined in ISO 15000-1.

NOTE DEN of Aggregate Bisiness Information Entity is defined by the following structure.

{ Object Class Term Qualifier(s) }\_ { Object Class Term }. { Property Term Qualifier(s) }\_ { Property Term }. Detail

NOTE DEN of Basic Bisiness Information Entity is defined by the following structure.

{ Object Class Term Qualifier(s) }\_ { Object Class Term }. { Property Term Qualifier(s) }\_ { Property Term }. { Datatype Qualifier(s) }\_ { Representation Term }

NOTE DEN of Association Bisiness Information Entity is defined by the following structure.

{ Object Class Term Qualifier(s) }\_ { Object Class Term }. { Property Term Qualifier(s) }\_ { Property Term }. { Associated Object Class Term Qualifier(s) }\_ { Associated Object Class }

NOTE DEN of Relation Bisiness Information Entity is defined by the following structure.

{ Object Class Term Qualifier(s) }\_ { Object Class Term }. { Property Term Qualifier(s) }\_ { Property Term }. { Referenced Object Class Term Qualifier(s) }\_ { Referenced Object Class }

#### Extension Methodology

This standard defines extendable Core Component with [].

Following is an example definition of Basic Core Component in Code.Detail. We can define the "Function Code" by replacing [Specified] with "Function" and resulting Dictionary Entry Name is "Code. Function. Code".

EXAMPLE Base definition

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
|  | BCC | [Specified] Code | A [Specified] code of this code. |  | Code. [Specified]. Code |

EXAMPLE Extended definition

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
|  | BCC | Function Code | A Function code of this code. |  | Code. Function. Code |

#### Common component group

##### Type

**Table 6** provides a list of Core Components for Type.

Table 6 — Core Components for Type

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Type | A type. | ADCS-00001 | Type. Details |
| 1 | RLCC | Parent ID | A reference identifier for the parent type. | ADCS-00002 | Type. Parent. Type |
| 2 | IDCC | Type ID | A unique identifier for this type. | ADCS-00003 | Type. Identification. Identifier |
| 3 | BCC | Type Code | A code of this type. | ADCS-00004 | Type. Type. Code |
| 4 | BCC | Name | A name, expressed as text, of this type. | ADCS-00005 | Type. Name. Text |
| 5 | BCC | Description | A description, expressed as text, for this type. | ADCS-00006 | Type. Description. Text |
| 6 | BCC | Abbreviation | An abbreviation, expressed as text, for this type. | ADCS-00007 | Type. Abbreviation. Text |

##### Code

**Table 7** provides a list of Core Components for Code.

Table 7 — Core Components for Code

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Code | A code. | ADCS-00008 | Code. Details |
| 1 | RLCC | Parent ID | A reference identifier for the parent code. | ADCS-00009 | Code. Parent. Code |
| 2 | IDCC | Code ID | A unique identifier for this code. A code of this code. | ADCS-00010 | Code. Identification. Identifier |
| 3 | BCC | Name | A name, expressed as text, of this code. | ADCS-00011 | Code. Name. Text |
| 4 | BCC | Description | A description, expressed as text, for this code. | ADCS-00012 | Code. Description. Text |
| 5 | BCC | [Specified] Code | A [Specified] code of this code. | ADCS-00013 | Code. [Specified]. Code |
| 6 | BCC | [Specified] Number | A [Specified] number of this code. | ADCS-00014 | Code. [Specified]. Numeric |

##### List

**Table 8** provides a list of Core Components for List.

Table 8 — Core Components for List

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | List | A list. | ADCS-00015 | List. Details |
| 1 | RLCC | Parent ID | A specified reference identifier of this list item. | ADCS-00016 | List. Parent. List |
| 2 | IDCC | List ID | A unique identifier for this list. | ADCS-00017 | List. Identification. Identifier |
| 3 | BCC | Name | A name, expressed as text, of this list item. | ADCS-00018 | List. Name. Text |
| 4 | BCC | Description | A description, expressed as text, of this list item. | ADCS-00019 | List. Description. Text |
| 5 | BCC | [Specified] Code | A [Specified] code of this list item. | ADCS-00020 | List. [Specified]. Code |
| 6 | BCC | [Specified] Text | A [Specified] text of this list item. | ADCS-00021 | List. [Specified]. Text |
| 7 | BCC | [Specified] Date | A [Specified] date of this list item. | ADCS-00022 | List. [Specified]. Date |
| 8 | BCC | [Specified] Number | A [Specified] number of this list item. | ADCS-00023 | List. [Specified]. Numeric |
| 10 | BCC | [Specified] Percentage | A [Specified] percentage of this list item. | ADCS-00024 | List. [Specified]. Percentage |
| 11 | RLCC | [Referenced Class] ID | A specified reference identifier of this list item. | ADCS-00025 | List. [Specified]. [Referenced Class] |

##### Skeleton

**Table 9** provides a list of Core Components for Skeleton.

Table 9 — Core Components for Skeleton

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Skeleton | A Skeleton. | ADCS-00026 | Skeleton. Details |
| 1 | RLCC | [Referenced Class] ID | A specified reference identifier of this list item. | ADCS-00027 | Skeleton. Referenced. [Referenced Class] |
| 2 | ASCC | [Specified Class] | A specified [Specified Class] for this skeleton. | ADCS-00028 | Skeleton. Specified. [Specified Class] |

#### Organization

##### Address

**Table 10** provides a list of Core Components for Address.

Table 10 — Core Components for Address

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Address | A location at which a particular organization or person may be found or reached. | UN00000010 | Address. Details |
| 1 | BCC | Line1 | The first free form line, expressed as text, of an address. | UN00000026 | Address. Line One. Text |
| 2 | BCC | Line2 | The second free form line, expressed as text, of an address. | UN00000027 | Address. Line Two. Text |
| 3 | BCC | City | The name, expressed as text, of the city, town, or village of this address. | UN00000013 | Address. City Name. Text |
| 4 | BCC | State Province Code | A unique identifier of the country sub-division for this address."State Province" may not be reported when "Postal Code" is reported. Recommend ISO 3166-2. | UN00000936 | Address. Country Sub-Division. Identifier |
| 5 | BCC | Postal Code | A code specifying the postcode of the address. | UN00000014 | Address. Postcode. Code |
| 6 | BCC | Country Code | A unique identifier of a country for this address (Reference ISO 3166 and UN/ECE Rec 3). | UN00000203 | Address. Country. Identifier |

##### Party

**Table 11** provides a list of Core Components for Party.

Table 11 — Core Components for Party

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Party | An individual, a group, or a body having a role in a business function. Party has a legal connotation in a business transaction. | ADCS-00029 | Party. Details |
| 1 | IDCC | Party ID | A unique identifier of the party. | UN00000377 | Party. Identification. Identifier |
| 2 | BCC | Identification | An identification, expressed as code, for this party. | ADCS-00030 | Party. Identification. Code |
| 3 | BCC | Type Code | A code specifying the type of party that is independent of its role. | UN00000378 | Party. Type. Code |
| 4 | BCC | Name | A name, expressed as text, for this party. | UN00000379 | Party. Name. Text |
| 5 | BCC | Description | A textual description of this party. | UN00000380 | Party. Description. Text |
| 6 | BCC | Assigned to Role Date | The date, time, date time or other date time value when this role was assigned to the party. | UN00004320 | Party. Assigned To Role. Date Time |
| 7 | BCC | Role | A role, expressed as text, for this party. | UN00008662 | Party. Role. Text |
| 8 | BCC | Group | A group, expressed as text, for this party. | ADCS-00031 | Party. Group. Text |
| 9 | BCC | Parent Party ID | A party that is a parent of this party. | ADCS-00032 | Party. Parent Party. Identifier |
| 10 | BCC | Active Fllag | This indicates whether the Regulator is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADCS-00033 | Party. Active. Indicator |
| 11 | BCC | [Specified] Code | A specified code value for this party. | ADCS-00034 | Party. [Specified]. Code |
| 12 | BCC | [Specified] Amount | A specified amount value for this party. | ADCS-00035 | Party. [Specified]. Amount |
| 13 | BCC | [Specified] Date | A specified date for this party. | ADCS-00036 | Party. [Specified]. Date |
| 14 | BCC | [Specified] Percentage | A specified percentage for this party. | ADCS-00037 | Party. [Specified]. Percentage |
| 15 | BCC | [Specified] Numeric | A specified numeric value for this party. | ADCS-00038 | Party. [Specified]. Numeric |
| 16 | BCC | [Specified] Text | A specified text for this party. | ADCS-00039 | Party. [RText |
| 17 | RLCC | [Referenced Class] ID | A specified reference identifier for this party. | ADCS-00040 | Party.[relation]. [Referenced Class ] |
| 18 | ASCC | Contact | A contact information for this party. | ADCS-00041 | Party. Specified. Contact |
| 19 | ASCC | Address | An address specified for this party. | ADCS-00042 | Party. Specified. Address |
| 20 | ASCC | Physical Address | A physical address for this party. | ADCS-00043 | Party. Physical. Address |
| 21 | ASCC | Billing Address | A billing address for this party. | ADCS-00044 | Party. Billing. Address |
| 22 | ASCC | User Activity | A user activity performed for this party. | ADCS-00045 | Party. Specified. Activity |
| 23 | ASCC | Associated Party | A party associated with this party, such as a local agent of a shipping line. | UN00003000 | Party. Associated. Party |

##### Organization

**Table 12** provides a list of Core Components for Organization.

Table 12 — Core Components for Organization

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Organization | An organized structure set up for a particular purpose, such as a business, government body, department, charity, or financial institution. | ADCS-00046 | Organization. Details |
| 1 | IDCC | Organization ID | A unique identifier for this organization. | UN00000053 | Organization. Identification. Identifier |
| 2 | BCC | Business Type | A code specifying a type of business of this organization. | UN00000057 | Organization. Business Type. Code |
| 3 | BCC | Legal Classification Code | The code specifying the legal classification of this organization such as those representing Incorporated (Inc), limited liability corporation (LLC) or non-profit. | UN00000056 | Organization. Legal Classification. Code |
| 4 | BCC | Tax Registration ID | A unique tax registration identifier assigned to an organization for the purpose of collecting taxes. In the US, this could be the Federal Employer Identification Number (FEIN), in the EU this could be the Value Added Tax (VAT) Registration Number. | UN00000055 | Organization. Tax Registration. Identifier |
| 5 | BCC | Name | A name, expressed as text, of this organization. | UN00000054 | Organization. Name. Text |
| 6 | BCC | Description | A textual description of this organization. | UN00000225 | Organization. Description. Text |
| 7 | RLCC | District ID | A reference identifier for the district area regarded as a geographic or administrative unit within which this organization operates. | ADCS-00047 | Organization. Reference. District |
| 19 | RLCC | Organizational Unit ID | A reference identifier for an organizational unit within an organization. | ADCS-00048 | Organization. Reference. Organizational Unit |
| 20 | BCC | Active Flag | The indication of whether or not the organization is currently active. | UN00002512 | Organization. Active. Indicator |
| 21 | BCC | Description | The textual description of the operations performed by this organization. | UN00002514 | Organization. Operations Description. Text |
| 22 | BCC | Parent Organization | The parent organization, expressed as text, of this organization. | UN00004902 | Organization. Parent. Text |
| 23 | BCC | Parent Organization ID | A unique identifier for the parent of this organization. | UN00004904 | Organization. Parent. Identifier |
| 25 | ASCC | Primary Contact | A primary contact information for this organization. | UN00000063 | Organization. Primary. Contact |
| 26 | ASCC | Postal Address | A postal address for this organization. | UN00000052 | Organization. Postal. Address |
| 27 | ASCC | Physical Address | A physical address for this organization. | UN00008204 | Organization. Physical. Address |
| 30 | ASCC | Operating Period | The period during which the organization has actually been operating. | UN00002529 | Organization. Operating. Period |
| 32 | ASCC | Parent Organization | A parent organization of this organization. | UN00004905 | Organization. Parent. Organization |

#### Person

##### Contact

**Table 13** provides a list of Core Components for Contact.

Table 13 — Core Components for Contact

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Contact | A person or department that acts as a point of contact with another person or department. | ADCS-00049 | Contact. Details |
| 1 | IDCC | Contact ID | A unique identifier for this contact. | UN00000123 | Contact. Identification. Identifier |
| 2 | BCC | Name | A name, expressed as text, of this contact person. | UN00000231 | Contact. Person Name. Text |
| 3 | BCC | Telephone Number | A telephone code information for this contact. | ADCS-00050 | Contact. Telephone. Code |
| 4 | BCC | Fax Number | A fax code information for this contact. | ADCS-00051 | Contact. Fax. Code |
| 5 | BCC | URI Code | A uniform Resource Identifier (URI) code information for this contact such as a web or an email address. | ADCS-00052 | Contact. URI. Code |

##### Person

**Table 14** provides a list of Core Components for Person.

Table 14 — Core Components for Person

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Person | An individual human being. | ADCS-00053 | Person. Details |
| 1 | IDCC | Person ID | A unique identifier for this person. | UN00000075 | Person. Identification. Identifier |
| 2 | BCC | Name | A name or set of names, expressed as text, by which this person is known. | UN00000076 | Person. Name. Text |
| 3 | BCC | Description | A text specifying description for this person. | ADCS-00054 | Person. Description. Text |
| 4 | BCC | Title | A code specifying a title for this person. | UN00008726 | Person. Title. Code |
| 5 | BCC | Abbrebiation | A text specifying a abbrebiation for this person. | ADCS-00055 | Person. Abbrebiation. Text |
| 6 | BCC | Retirement Date | The date, time, date time, or other date time value of retirement of the person. | UN00002554 | Person. Retirement. Date Time |
| 7 | BCC | [Specified] Date | A date, time, date time, or other date time value of speified for the person. | ADCS-00056 | Person. [Specified]. Date Time |
| 8 | BCC | [Specified] Code | A code specified for the person | ADCS-00057 | Person. [Specified]. Code |
| 9 | BCC | Status Code | The code specifying the status of the person, such as self-employed, retired, unemployed. | UN00002557 | Person. Employment Status. Code |
| 10 | BCC | Role Code | A code specifying a role for this person. | UN00008669 | Person. Role. Code |
| 11 | BCC | Role Text | A role, expressed as text, for this person. | UN00003002 | Person. Role. Text |
| 12 | RLCC | [Reference Class] ID | A rreference identifier for the [Reference Class] | ADCS-00058 | Person. Reference. {Reference Class] |
| 13 | ASCC | Contact | Contact information for this person. | ADCS-00059 | Person. Specified. Contact |

##### Employee

**Table 15** provides a list of Core Components for Employee.

Table 15 — Core Components for Employee

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Employee | A person that works for and is paid a salary by another person or organization. | ADCS-00060 | Employee. Details |
| 1 | IDCC | Employee ID | The unique employer assigned identification number for the employee. | UN00004023 | Employee. Employer Assigned Identification. Identifier |
| 2 | BCC | Employee Code | A code for the employee. | ADCS-00061 | Employee. Assigned Identification. Code |
| 3 | BCC | Employee Name | A name of this employee. | ADCS-00062 | Employee. Name. Text |
| 4 | BCC | Active Flag | Indicates whether this employee is active or inactive in this department. | ADCS-00063 | Employee. Active. Indicator |
| 5 | BCC | Type Code | A code specifying a type for this employee. | ADCS-00064 | Employee. Type. Code |
| 6 | BCC | Type Text | A type, expressed as text, for this employee. | ADCS-00065 | Employee. Type. Text |
| 7 | BCC | Department Code | A code of the department or division of the company to which the employee reports, | ADCS-00066 | Employee. Reporting Department. Code |
| 8 | BCC | Department | The name of the department or division of the company to which the employee reports, expressed as text. | UN00004027 | Employee. Reporting Department. Text |
| 9 | BCC | Job Title | A job code specifying a title for this person in accounting unit. | ADCS-00067 | Employee. Job Title. Text |
| 10 | BCC | Role Responsibility | A role or responsibility, expressed as text, for this person. | ADCS-00068 | Employee. Role. Text |
| 11 | BCC | Academic Degree | The highest academic degree acquired.  EXAMPLE Doctor, Master. | ADCS-00069 | Employee. Academic degree. Text |
| 12 | BCC | Employment Date | A date the employee was hired by their current employer. | ADCS-00070 | Employee. Employment. Date Time |
| 13 | BCC | Termination Date | The termination date the employee was dismissed by their current employer. | ADCS-00071 | Employee. Termination. Date Time |
| 14 | RLCC | User ID | A reference identifier for the system user associated with this employee. | ADCS-00072 | Employee. Reference. User |

##### System User

**Table 16** provides a list of Core Components for System User.

Table 16 — Core Components for System User

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | System User | A person who is an employee and perform ERP system operation. | ADCS-00073 | System User. Detail |
| 1 | IDCC | System User ID | A unique identifier for the individuals entering transactions into the accounting and/or ERP system. | ADCS-00074 | System User. Identification. Identifier |
| 2 | BCC | Active Status | This indicates whether the status of the user is active or inactive. A user may become inactive due to retirement, dismissal or termination etc.  EXAMPLE 1 is active and 0 is inactive. | ADCS-00075 | System User. Active Status. Indicator |
| 3 | BCC | Status Modified Date | A modified date of the user's activation or termination status. | ADCS-00076 | System User. Status Modified. Date |
| 4 | BCC | Name | A user's name. | ADCS-00077 | System User. Name. Text |
| 5 | BCC | Job Title | A code that describes user's job or position.  EXAMPLE System manager. | ADCS-00078 | System User. Job Title. Text |
| 6 | RLCC | Department Code | A code of user's department roster. | ADCS-00079 | Syatem User. Department. Code |
| 7 | BCC | Role Responsibility | Free form description of the individual's functional role or primary responsibility. | ADCS-00080 | Syatem User. Role Responsibility. Text |

##### User Activity

This sub-clause provides a list of Core Components for User Activity.

"Enter" is the activity of entering the record into the system. "Last Modify" is the activity of final update of the record. "Approve" is the activity of approving the record addition or change. "Post" is the activity of posting the record into the system.

**Table 17** provides a list of Core Components for Activity.

Table 17 — Core Components for Activity

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Activity | A thing that a person does or has done. | ADCS-00081 | Activity. Details |
| 1 | BCC | Performed By | A reference identifier for the user who performed this activity. | ADCS-00092 | Activity. Performed By. System User |
| 2 | BCC | Activity Type | A code specifying a type of activity. | UN00008108 | Activity. Type. Code |
| 3 | BCC | Occured Date Time | A date, time, date time or other date time value when this activity occurs or has occurred. | UN00008109 | Activity. Occurred. Date Time |
| 4 | BCC | Occured Date | A date value when this activity occurs or has occurred. | ADCS-00083 | Activity. Occurred. Date |
| 5 | BCC | Occured Time | A time value when this activity occurs or has occurred. | ADCS-00084 | Activity. Occurred. Time |
| 6 | BCC | Reason Code | A code specifying a reason for this activity. | UN00008110 | Activity. Reason. Code |

**Table 18** provides a list of Core Components for Entered Activity.

Table 18 — Core Components for Entered Activity

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Entered Activity | A thing that a person does or has done. A type of activity is "Entered". | ADCS-00085 | Entered\_ Activity. Details |
| 1 | RLCC | Entered By | A reference identifier for the user who entered this activity. | ADCS-00086 | Entered\_ Activity. Performed By. System User |
| 2 | BCC | Entered Date | A date value when this activity occurs or has occurred. | ADCS-00087 | Entered\_ Activity. Occurred. Date |
| 3 | BCC | Entered Time | A time value when this activity occurs or has occurred. | ADCS-00088 | Entered\_ Activity. Occurred. Time |

**Table 19** provides a list of Core Components for Approved Activity.

Table 19 — Core Components for Approved Activity

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Approved Activity | A thing that a person does or has done. A type of activity is "Approved". | ADCS-00089 | Approved\_ Activity. Details |
| 1 | RLCC | Approved By | A reference identifier for the user who approved this activity. | ADCS-00090 | Approved\_ Activity. Performed By. ADS\_ System User |
| 2 | BCC | Approved Date | A date value when this activity occurs or has occurred. | ADCS-00091 | Approved\_ Activity. Occurred. Date |
| 3 | BCC | Approved Time | A time value when this activity occurs or has occurred. | ADCS-00092 | Approved\_ Activity. Occurred. Time |

**Table 20** provides a list of Core Components for Last Modified Activity.

Table 20 — Core Components for Last Modified Activity

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Last Modified Activity | A thing that a person does or has done. A type of activity is "Last Modified". | ADCS-00093 | Last Modified\_ Activity. Details |
| 1 | RLCC | Last Modified By | A reference identifier for the user who last modified this activity. | ADCS-00094 | Last Modified\_ Activity. Performed By. System User |
| 2 | BCC | Last Modified Date | A date value when this activity occurs or has occurred. | ADCS-00095 | Last Modified\_ Activity. Occurred. Date |
| 3 | BCC | Last Modified Time | A time value when this activity occurs or has occurred. | ADCS-00096 | Last Modified\_ Activity. Occurred. Time |

**Table 21** provides a list of Core Components for Posted Activity.

Table 21 — Core Components for Posted Activity

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Posted Activity | A thing that a person does or has done. A type of activity is "Posted". | ADCS-00097 | Posted\_ Activity. Details |
| 1 | RLCC | Posted By | A reference identifier for the user who posted this activity. | ADCS-00098 | Posted\_ Activity. Performed By. System User |
| 2 | BCC | Posted Date | A date value when this activity occurs or has occurred. | ADCS-00099 | Posted\_ Activity. Occurred. Date |
| 3 | BCC | Posted Time | A time value when this activity occurs or has occurred. | ADCS-00100 | Posted\_ Activity. Occurred. Time |

**Table 22** provides a list of Core Components for Created Activity.

Table 22 — Core Components for Created Activity

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Created Activity | A thing that a person does or has done. A type of activity is "Created". | ADCS-00101 | Created\_ Activity. Details |
| 1 | RLCC | Created By | A reference identifier for the user who created this activity. | ADCS-00102 | Created\_ Activity. Performed By. System User |
| 2 | BCC | Created Date | A date value when this activity occurs or has occurred. | ADCS-00103 | Created\_ Activity. Occurred. Date |
| 3 | BCC | Created Time | A time value when this activity occurs or has occurred. | ADCS-00104 | Created\_ Activity. Occurred. Time |

#### Financial

##### Financial Institution

**Table 25** provides a list of Core Components for Financial Institution.

Table 25 — Core Components for Financial Institution

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Financial Institution | An institution, such as a bank, building society, credit union, stock brokerage, or similar business; established primarily to provide financial services and financial transactions. | ADCS-00105 | Financial Institution. Details |
| 1 | IDCC | Financial Institution ID | A unique identifier for this financial institution. | UN00001005 | Financial Institution. Identification. Identifier |
| 2 | BCC | Business Entity Identifier | The unique Business Entity Identifier (BEI) as defined in ISO 9362 for this financial institution. | UN00001006 | Financial Institution. BEI. Identifier |
| 3 | BCC | Bank Identification Code | The unique Bank Identification Code (BIC) as defined in ISO 9362 for this financial institution. | UN00001007 | Financial Institution. BIC. Identifier |
| 4 | BCC | Global Location Number | The unique Global Location Number (GLN) as defined by GS1 for this financial institution. | UN00001008 | Financial Institution. GLN. Identifier |
| 5 | BCC | Legal Entity Identifier | The unique Legal Entity Identifier (LEI) as issued by the Global Legal Entity Identifier Foundation (GLEIF) and as defined in ISO 17442. | ADCS-00106 | Financial Institution. LEI. Identifier |
| 6 | BCC | Name | A name, expressed as text, for this financial institution. | UN00001009 | Financial Institution. Name. Text |
| 7 | BCC | Role Code | The code specifying a role for this financial institution, such as intermediary or settlement agent. | UN00001010 | Financial Institution. Role. Code |
| 8 | BCC | Clearing System Name | A clearing system name, expressed as text, for this financial institution. | UN00002656 | Financial Institution. Clearing System Name. Text |
| 9 | BCC | Clearing System ID | A clearing system identifier for this financial institution. | UN00008716 | Financial Institution. Clearing System. Identifier |
| 10 | ASCC | Location Address | The postal address for this financial institution. | UN00001011 | Financial Institution. Location. Address |
| 11 | ASCC | Residence Country | The country where this financial institution is located. | UN00001012 | Financial Institution. Residence. Country |
| 12 | ASCC | Sub-Division | A financial institution that is a sub-division (branch) of this financial institution. | UN00002657 | Financial Institution. Sub-Division. Financial Institution |
| 13 | ASCC | Organizational Unit | A financial institution that is an organizational unit of this financial institution. | UN00007423 | Financial Institution. Organizational Unit. Financial Institution |
| 14 | ASCC | Specified Identity | An identity specified for this financial institution. | UN00008717 | Financial Institution. Specified. Identity |

#### Monetary

##### Monetary Value

**Table 27** provides a list of Core Components for Monetary Value.

Table 27 — Core Components for Monetary Value

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Amount | A material or monetary worth of a thing that is associated with a that is a part of an accounting entry. | ADCS-00107 | Monetary Value. Details |
| 1 | BCC | Functional Amount | A monetary value of the accounting in the function currency. | ADCS-00108 | Monetary Value. Functional Currency. Amount |
| 2 | BCC | Local Amount | A monetary value of the accounting in the accounting currency local to where the accounting records are required. | ADCS-00109 | Monetary Value. Local Currency. Amount |
| 3 | BCC | Reporting Amount | A monetary value of the accounting in another currency, such as a reporting currency, a consolidation currency, or the euro transition period. | ADCS-00110 | Monetary Value. Reporting Currency. Amount |
| 4 | BCC | Transaction Amount | A monetary value of the accounting in the voucher currency. | ADCS-00111 | Monetary Value. Transaction Currency. Amount |
| 5 | BCC | Debit Credit Code | A code specifying the accounting sign of the Monetary value (Reference United Nations Code List (UNCL) 4405 code list). | ADCS-00112 | Monetary Value. Debit Credit. Code |
| 6 | BCC | Amount Qualifier Code | A code qualifying the amount of the monetary value such as balance, total of entries amount. | ADCS-00113 | Monetary Value. Amount Qualifier. Code |
| 7 | ASCC | Booking Account | An accounting account to which this monetary value is booked. | ADCS-00114 | Monetary Value. Booking. Accounting Account |

##### Accounting Account

**Table 28** provides a list of Core Components for Accounting Account.

Table 28 — Core Components for Accounting Account

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Accounting Account | A specific account for recording debits and credits to general accounting, cost accounting or budget accounting. | ADCS-00116 | Accounting Account. Details |
| 9 | RLCC | Main Account ID | A reference identifier for the main accounts chart for this accounting account. | ADCS-00117 | Accounting Account. Main. Accounting Account |
| 1 | IDCC | Accounting Account ID | The unique identifier for this accounting account. | UN00001268 | Accounting Account. Identification. Identifier |
| 3 | RLCC | Sub Account ID | A reference identifier for this accounting sub account. | ADCS-00118 | Accounting Account. Sub. Accounting Account |
| 2 | BCC | Type Code | The code specifying the type of accounting account such as general(main), secondary, cost accounting, budget account. | UN00001270 | Accounting Account. Type. Code |
| 4 | BCC | Sub Type | A code of subtype for this accounting account. | ADCS-00119 | Accounting Account. Sub Type. Code |
| 5 | BCC | Name | The name, expressed as text, of this accounting account. | UN00002146 | Accounting Account. Name. Text |
| 6 | BCC | Description | A label or description associated with this accounting account | ADCS-00120 | Accounting Account. Description. Text |
| 7 | BCC | Financial Statement Caption | A financial statement caption represents a related group of accounts. | ADCS-00121 | Accounting Account. Financial Statement Caption. Text |
| 8 | BCC | Hierarchy Code | A corresponding level for account number in the account hierarchy. | ADCS-00122 | Accounting Account. Hierarchy. Code |
| 11 | BCC | Reference Dimension Pattern | The cost reference dimension pattern, expressed as text, for this accounting account. | UN00004511 | Accounting Account. Cost Reference Dimension Pattern. Text |
| 12 | BCC | Status Code | The code specifying the status of this accounting account, such as open, locked, closed, temporarily unusable, pending. | UN00004787 | Accounting Account. Status. Code |
| 13 | BCC | Active Flag | This indicates whether this accounting account is active or inactive. | ADCS-00123 | Accounting Account. Status. Indicator |
| 14 | BCC | Balance Normal Sign Code | The code specifying the balance normal sign of this accounting account, such as debit or credit (reference UNCL 4405). | UN00004792 | Accounting Account. Balance Normal Sign. Code |
| 15 | ASCC | Accounting Account Classification | The classification related to this accounting account. | UN00004812 | Accounting Account. Related. Accounting Account Classification |
| 16 | ASCC | Financial Account | A financial account specified for this accounting account. | UN00004816 | Accounting Account. Specified. Financial Account |
| 17 | ASCC | Linked Accounting Account | An accounting account linked to this accounting account. | UN00004817 | Accounting Account. Linked. Accounting Account |

#### Measureable

#### Accounting

##### Period

**Table 34** provides a list of Core Components for Period.

Table 34 — Core Components for Period

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Period | A specific period of time such as the length of time between two known date/time points, from a start date onwards, or up to an end date. | ADCS-00124 | Period. Details |
| 1 | IDCC | Period ID | A unique identifier of this period. | UN00001245 | Period. Identification. Identifier |
| 2 | BCC | Version ID | An identifier of a version of this period. | UN00007456 | Period. Version. Identifier |
| 3 | BCC | Sequence Number | A sequence number for this period. | UN00001413 | Period. Sequence. Numeric |
| 4 | BCC | Name | A name, expressed as text, of this period. | UN00001412 | Period. Name. Text |
| 5 | BCC | Description | A textual description of this period of time. | UN00000119 | Period. Description. Text |
| 6 | BCC | Start Date Time | The date, time, date time or other date time value for the start of this period of time. | UN00000120 | Period. Start. Date Time |
| 7 | BCC | End Date Time | The date, time, date time or other date time value which specifies the end of this period of time. | UN00000121 | Period. End. Date Time |
| 10 | BCC | Inclusive Flag | The indication of whether or not the start and end dates are included in this period. | UN00000118 | Period. Inclusive. Indicator |
| 18 | BCC | Duration Code | The code specifying the duration for this period, such as under one year, over one year. | UN00008021 | Period. Duration. Code |

**Table 37** provides a list of Core Components for Period.

Table 37 — Core Components for Period

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Fiscal Period | A specific period of time such as the length of time between two known date/time points, from a start date onwards, or up to an end date. | ADCS-00125 | Fiscal Period. Details |
| 1 | BCC | Fiscal Year | A fiscal year in which the calendar date occurs. The fiscal year shall be expressed with basic format as specified in ISO 8601. | ADCS-00126 | Fiscal Period. Fiscal Year. Code |
| 2 | BCC | Accounting Period | An accounting period in which the calendar date occurs. | ADCS-00127 | Fiscal Period. Accounting Period. Code |
| 3 | BCC | Start Date | The date, time, date time or other date time value for the start of this period of time. | UN00000120 | Fiscal Period. Start. Date Time |
| 4 | BCC | End Date | The date, time, date time or other date time value which specifies the end of this period of time. | UN00000121 | Fiscal Period. End. Date Time |

##### Breakdown Item

**Table 38** provides a list of Core Components for Breakdown Item.

Table 38 — Core Components for Breakdown Item

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Breakdown Item | A part or element of a whole. | ADCS-00128 | Breakdown Item. Details |
| 1 | IDCC | Breakdown Item ID | An identifier for this breakdown item. | UN00007264 | Breakdown Item. Identification. Identifier |
| 2 | BCC | Classification Code | A code specifying a classification of this breakdown item. | UN00007266 | Breakdown Item. Classification. Code |
| 3 | BCC | Type Code | A code specifying a type of breakdown item. | UN00007267 | Breakdown Item. Type. Code |
| 4 | BCC | Comment | A comment, expressed as text, of this breakdown item. | UN00007268 | Breakdown Item. Comment. Text |
| 5 | BCC | Name | A name, expressed as text, of this breakdown item. | UN00007273 | Breakdown Item. Name. Text |
| 6 | RLCC | Referenced Item ID | An identifier of an item referenced for this breakdown item. | UN00007275 | Breakdown Item. Referenced Item. Identifier |
| 7 | RLCC | Referenced [Item] | A reference identifier of an [item] referenced for this breakdown item. | ADCS-00129 | Breakdown Item. Referenced. [Item] |
| 8 | BCC | Referenced [Item] Quantity | A quantity of an [item] referenced for this breakdown item. | UN00007276 | Breakdown Item. Referenced Item. Quantity |
| 9 | ASCC | Actual Complex Description | An actual complex description of this breakdown item. | UN00007277 | Breakdown Item. Actual. Complex Description |
| 10 | ASCC | Actual Complex Quantity | An actual complex quantity for this breakdown item. | UN00007278 | Breakdown Item. Actual. Complex Quantity |
| 11 | ASCC | Unit Price | A unit price for this breakdown item. | UN00007279 | Breakdown Item. Unit. Price |
| 12 | ASCC | Total Price | A total price for this breakdown item. | UN00007280 | Breakdown Item. Total. Price |
| 13 | ASCC | Included Breakdown Item | A breakdown item included in this breakdown item. | UN00007281 | Breakdown Item. Included. Breakdown Item |
| 14 | ASCC | Specified Product | A product specified by this breakdown item. | UN00007284 | Breakdown Item. Specified. Product |

##### Accounting Entry

**Table 41** provides a list of Core Components for Accounting Entry.

Table 41 — Core Components for Accounting Entry

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Accounting Entry | A posting of monetary values into accounting books that indicates the financial flow for an economic event, the acquisition or consumption of a resource, or the working contribution of an agent. | ADCS-00130 | Accounting Entry. Details |
| 1 | IDCC | Accounting Entry ID | The unique identifier for this accounting entry. | UN00002152 | Accounting Entry. Identification. Identifier |
| 2 | RLCC | Related Entry ID | The reference identifier of an entry related to this accounting entry. | UN00002158 | Accounting Entry. Related. Accounting Entry |
| 3 | BCC | Processing Status Code | The code specifying the processing status for this accounting entry, such as validated, not validated, proposed, simulated, deferred, or removed. | UN00002153 | Accounting Entry. Processing Status. Code |
| 4 | BCC | Category Code | The code specifying the category of this accounting entry, such as financial accounting, budget, comparison, standard, recurring, or reordered. | UN00002159 | Accounting Entry. Category. Code |
| 5 | BCC | Purpose | The purpose, expressed as text, for this accounting entry. | UN00002160 | Accounting Entry. Purpose. Text |
| 6 | BCC | Value Date | The date, time, date time, or other date time value of the value date of this accounting entry. | UN00002155 | Accounting Entry. Value Date. Date Time |
| 7 | BCC | Capture Date | The date, time, date time, or other date time value of the capture of this accounting entry. | UN00002161 | Accounting Entry. Capture. Date Time |
| 8 | BCC | Reversal Date | The date, time, date time, or other date time value for the reversal of this accounting entry. | UN00002162 | Accounting Entry. Reversal. Date Time |
| 9 | BCC | Validation Date | The date, time, date time, or other date time value for the validation of this accounting entry. | UN00002163 | Accounting Entry. Validation. Date Time |
| 10 | BCC | Removal Flag | The indication of whether or not this accounting entry must be removed. | UN00002156 | Accounting Entry. Removal. Indicator |
| 11 | BCC | Unbalanced Flag | The indication of whether or not the debit and credit amounts of this accounting entry are unbalanced. | UN00002157 | Accounting Entry. Unbalanced. Indicator |
| 12 | BCC | [Specified] Code | A [Specified] code for this accounting entry. | ADCS-00131 | Accounting Entry. [Specified]. Code |
| 13 | BCC | [Specified] Text | A [Specified] text for this accounting entry. | ADCS-00132 | Accounting Entry. [Specified]. Text |
| 14 | BCC | [Specified] Date | A [Specified] date for this accounting entry. | ADCS-00133 | Accounting Entry. [Specified]. Date |
| 15 | BCC | [Specified] Number | A [Specified] numeric vallue for this accounting entry. | ADCS-00134 | Accounting Entry. [Specified]. Numeric |
| 16 | BCC | [Specified] Flag | A [Specified] indicator for this accounting entry. | ADCS-00135 | Accounting Entry. [Specified]. Indicator |
| 17 | RLCC | [Specified Class] ID | A reference identifier to [Specified Class] for this accounting entry. | ADCS-00136 | Accounting Entry. Defined.[Specified Class] |
| 18 | ASCC | Period | An accounting period specified for this accounting entry. | ADCS-00137 | Accounting Entry. Specified. Period |
| 19 | ASCC | Accounting Entry Line | A detailed accounting line entry for this accounting entry. | UN00002164 | Accounting Entry. Detailed. Accounting Entry Line |
| 20 | ASCC | Justification Document | A document that provides the justification for this accounting entry. | UN00005780 | Accounting Entry. Justification. Document |
| 21 | BCC | Journal ID | The unique identifier of the journal for this accounting entry. | UN00002154 | Accounting Entry. Journal. Identifier |
| 22 | ASCC | Accounting Journal | A journal specified for this accounting entry. | UN00007073 | Accounting Entry. Specified. Accounting Journal |

##### Accounting Entry Line

**Table 42** provides a list of Core Components for Accounting Entry Line.

Table 42— Core Components for Accounting Entry Line

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Accounting Entry Line | A line included in an accounting entry. | ADCS-00138 | Accounting Entry Line. Details |
| 1 | ASCC | Accounting Line ID | A unique identifier for this accounting entry line. | ADCS-00139 | Accounting Entry Line. Specified. identifier |
| 2 | BCC | Comment | The comment, expressed as text, for this accounting entry line. | UN00002166 | Accounting Entry Line. Comment. Text |
| 3 | BCC | Category Code | The code specifying the category of this accounting entry line, such as opening balance, normal, simulation, paid commercial paper not yet due from a prior period, not matched line in a prior period, or not reconciled line in a prior period. | UN00002167 | Accounting Entry Line. Category. Code |
| 4 | BCC | Source Code | The code specifying the source of this accounting entry line, such as year to date, import, or manual input. | UN00002168 | Accounting Entry Line. Source. Code |
| 5 | BCC | Last Change Date | The date, time, date time, or other date time value of the last change to this accounting entry line. | UN00002169 | Accounting Entry Line. Last Change. Date Time |
| 6 | BCC | Last Change Responsible Person Name | The name or initials of the person, expressed as text, responsible for the last change to this accounting entry line. | UN00002170 | Accounting Entry Line. Last Change Responsible Person Name. Text |
| 7 | BCC | Actual Quantity | The actual quantity for this accounting entry line. | UN00003222 | Accounting Entry Line. Actual. Quantity |
| 8 | RLCC | Document Reference ID | A reference identifier for document reference identifier for this accounting entry line. | ADCS-00140 | Accounting Entry Line. Reference. Document |
| 10 | BCC | Nature | A nature, expressed as text, of an accounting entry line, such as a product or service description. | UN00007068 | Accounting Entry Line. Nature. Text |
| 11 | ASCC | Repeated Monetary Allocation | A repeated monetary allocation for this accounting entry line. | UN00002172 | Accounting Entry Line. Repeated. Monetary Allocation |
| 12 | ASCC | Repeated Monetary Instalment | A repeated monetary instalment for this accounting entry line. | UN00002173 | Accounting Entry Line. Repeated. Monetary Instalment |
| 13 | ASCC | Quantity Analysis | The quantity analysis related to this accounting entry line. | UN00002174 | Accounting Entry Line. Related. Quantity Analysis |
| 14 | ASCC | Accounting Line Monetary Value | An accounting line monetary value related to this accounting entry line. | UN00002175 | Accounting Entry Line. Related. Accounting Line Monetary Value |
| 15 | ASCC | Tax | A tax related to this accounting entry line. | UN00002176 | Accounting Entry Line. Related. Tax |
| 16 | ASCC | Accounting Entry | An accounting entry to which this accounting entry line is connected. | UN00005779 | Accounting Entry Line. Connected. Accounting Entry |
| 17 | ASCC | Repeated Payment | A payment repeated for this accounting entry line. | UN00007072 | Accounting Entry Line. Repeated. Payment |

##### Document

**Table 45** provides a list of Core Components for Document.

Table 45 — Core Components for Document

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Document | A collection of data for a piece of written, printed or electronic matter that provides information or evidence. | ADCS-00141 | Document. Details |
| 1 | IDCC | Document ID | A unique identifier for this document. | UN00000310 | Document. Identification. Identifier |
| 2 | BCC | Name | A name, expressed as text, for this specific document. | UN00000312 | Document. Name. Text |
| 3 | BCC | Description | A textual description of this document. | UN00000314 | Document. Description. Text |
| 4 | BCC | Remarks | A remark, expressed as text, regarding this document. | UN00001263 | Document. Remarks. Text |
| 5 | BCC | Language ID | A unique identifier for a language used in this document. | UN00001281 | Document. Language. Identifier |
| 6 | BCC | Type Code | A code specifying a type of document [Reference United Nations Code List (UNCL) 1001]. | UN00000311 | Document. Type. Code |
| 7 | BCC | Type | A type, expressed as text, for this document. | UN00008710 | Document. Type. Text |
| 8 | BCC | Proprietary Information Type | A code specifying the type of proprietary information contained within this document. | UN00001521 | Document. Proprietary Information Type. Code |
| 9 | BCC | Status Code | A code specifying a status of a document. | UN00000324 | Document. Status. Code |
| 10 | BCC | Status | A status, expressed as text, for this document. | UN00006010 | Document. Status. Text |
| 11 | BCC | Active Flag | This indicates whether the payment term is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADCS-00142 | Document. Active. Indicator |
| 12 | BCC | Issue Date | A date, time, date time or other date time value for an issuance of this document. | UN00000315 | Document. Issue. Date Time |
| 13 | BCC | Receipt Date | The date, time, date time or other date time value for the formal receipt of this document. | UN00000318 | Document. Receipt. Date Time |
| 14 | BCC | Creation Date | A date, time, date time or other date time value of a creation of the document. | UN00000323 | Document. Creation. Date Time |
| 15 | BCC | Publication Date | A date, time, date time or other date time value for a publication of this document. | UN00008621 | Document. Publication. Date Time |
| 16 | BCC | Transmission Date | A date, time, date time or other date time value when a document is transmitted. | UN00008657 | Document. Transmission. Date Time |
| 17 | BCC | Reference Date | A reference date, time, date time or other date time value in this document. | UN00008708 | Document. Reference. Date Time |
| 18 | BCC | Line Count | A count of the number of lines in this document. | UN00001283 | Document. Line Count. Numeric |
| 19 | BCC | Line ID | A unique identifier of a line in this document. | UN00001284 | Document. Line. Identifier |
| 20 | BCC | Item ID | The unique identifier of a specific item in this document. | UN00000768 | Document. Item Identification. Identifier |
| 21 | BCC | Currency Code | A code specifying a currency in which monetary amounts are expressed in this document. | UN00001282 | Document. Currency. Code |
| 22 | BCC | Included Amount | A monetary value included in this document. | UN00005857 | Document. Included. Amount |
| 23 | BCC | Total Amount | A total monetary value in this document. | UN00008707 | Document. Total. Amount |
| 24 | BCC | Item Quantity | A quantity of items in a document. | UN00002724 | Document. Item. Quantity |
| 25 | BCC | Included Quantity | A quantity included in this document. | UN00005859 | Document. Included. Quantity |
| 26 | BCC | Specified Quantity | A quantity specified in this document. | UN00008711 | Document. Specified. Quantity |
| 27 | BCC | Line Status Reason | A reason, expressed as text, for the line status in this document. | UN00008622 | Document. Line Status Reason. Text |
| 28 | ASCC | Applicable Period | A period applicable to this document. | UN00007945 | Document. Applicable. Period |
| 29 | ASCC | Reference Document | Other documents referenced by this document. | UN00000327 | Document. Reference. Document |
| 30 | ASCC | Related Document | A document or documents related to this document. | UN00007950 | Document. Related. Document |
| 31 | ASCC | Referenced Accounting Voucher | An accounting voucher referenced by this document. | UN00005781 | Document. Referenced. Accounting Voucher |
| 32 | ASCC | Issuer Party | A party that issues this document. | UN00000770 | Document. Issuer. Party |
| 33 | ASCC | Owner Party | The party that owns this document. | UN00000771 | Document. Owner. Party |
| 34 | ASCC | Sender Party | A party that sends this document. | UN00001651 | Document. Sender. Party |
| 35 | ASCC | Recipient Party | A party that receives this document. | UN00001652 | Document. Recipient. Party |
| 36 | ASCC | Agent Party | A party representing another party for this document. | UN00002990 | Document. Agent. Party |
| 37 | ASCC | Submitter Party | The party submitting this document. | UN00005870 | Document. Submitter. Party |
| 38 | ASCC | Authorized Party | A party authorized to receive the rights or benefits under the terms of this document, such as the licence, permit or certificate. | UN00005871 | Document. Authorized. Party |
| 39 | ASCC | Specified Party | A party specified in this document. | UN00007947 | Document. Specified. Party |
| 40 | ASCC | Respondent Party | A respondent party for this document. | UN00007951 | Document. Respondent. Party |
| 41 | ASCC | Related Party | A respondent party for this document. |  | Document. Related. Party |
| 42 | ASCC | Lodgement Location | A lodgement location of this document. | UN00001648 | Document. Lodgement. Location |
| 43 | ASCC | Specified Location | A location specified in this document. | UN00007949 | Document. Specified. Location |
| 44 | ASCC | Specified Quota | A quota specified in this document. | UN00007948 | Document. Specified. Quota |
| 45 | ASCC | Specified Batch | A batch specified for this document. | UN00007965 | Document. Specified. Batch |
| 46 | ASCC | Specified Status | A status specified for this document. | UN00007988 | Document. Specified. Status |
| 47 | ASCC | Specified Activity | An activity specified in this document. | UN00008091 | Document. Specified. Activity |
| 48 | ASCC | Total Price | A total price in this document. | UN00008092 | Document. Total. Price |
| 49 | ASCC | Specified Financial Account | A financial account specified in this document. | UN00008712 | Document. Specified. Financial Account |
| 50 | ASCC | Related Booking | A booking related to this document. | UN00008714 | Document. Related. Booking |

**Table 48** provides a list of Core Components for Trial Balance.

Table 48 — Core Components for Trial Balance

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Trial Balance | A worksheet listing all accounts at a certain date to ensure that debits are equal to credits. | ADCS-00143 | Trial Balance. Details |
| 1 | IDCC | Trial Balance ID | The unique identifier for this trial balance. | UN00004936 | Trial Balance. Identification. Identifier |
| 2 | BCC | Comment | The comment, expressed as text, for this trial balance. | UN00004937 | Trial Balance. Comment. Text |
| 3 | BCC | [Specified] Code | A [Specified] code for this trial balance. | ADCS-00144 | Trial Balance.[Specified]. Code |
| 4 | BCC | [Specified] Text | A [Specified] text for this trial balance. | ADCS-00145 | Trial Balance.[Specified]. Text |
| 5 | BCC | [Specified] Date | A [Specified] date for this trial balance. | ADCS-00146 | Trial Balance.[Specified]. Date |
| 6 | RLCC | [Specified Class] ID | A reference identifier to [Specified Class] for this trial balance. | ADCS-00147 | Trial Balance. Defined.[Specified Class] |
| 7 | ASCC | Period | An accounting period specified for this trial balance. | ADCS-00148 | Trial Balance. Specified. Period |
| 8 | ASCC | Accounting Period | An accounting period specified for this trial balance. | UN00004953 | Trial Balance. Specified. Accounting Period |
| 9 | ASCC | Accounting Account | Accounting accounts included in this trial balance. | UN00006631 | Trial Balance. Included. Accounting Account |
| 10 | ASCC | Accounting Characteristic | An accounting characteristic defining the trial balance. | UN00006632 | Trial Balance. Defined. Accounting Characteristic |

#### Commerce

##### Contract

**Table 50** provides a list of Core Components for Contract.

Table 50 — Core Components for Contract

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Contract | An agreement between two or more parties, especially one that is written or spoken and enforceable by law. | ADCS\_\_\_\_\_\_\_\_ | Contract. Details |
| 1 | IDCC | Contract ID | A unique identification for this contract. | UN00000279 | Contract. Identification. Identifier |
| 2 | BCC | Type Code | A code specifying a type of contract such as a fixed price contract or a time and materials based contract. | UN00000281 | Contract. Type. Code |
| 4 | BCC | Name | A name, expressed as text, for this contract. | UN00000282 | Contract. Name. Text |
| 5 | BCC | Description | A textual description for this contract. | UN00000283 | Contract. Description. Text |
| 6 | BCC | Issue Date | A date or date time or other date time value of the issuance of this contract. | UN00000284 | Contract. Issue. Date Time |
| 7 | BCC | Price | A monetary value of a price of this contract. | UN00000285 | Contract. Price. Amount |
| 9 | BCC | Item ID | To identify a specific item in this contract. | UN00000289 | Contract. Item. Identifier |
| 10 | BCC | Start Date | A date on which this contract starts. | UN00000755 | Contract. Start. Date |
| 11 | BCC | Item Quantity | A quantity for a specific item in this contract. | UN00000290 | Contract. Item. Quantity |
| 13 | BCC | End Date | An end date for this contract. | UN00001363 | Contract. End. Date |
| 17 | BCC | Cost Amount | A monetary value for a cost of an effort or loss necessary to achieve a goal specified in this contract. | UN00001364 | Contract. Cost. Amount |
| 20 | BCC | Signed Date | A date, time, date time, or other date time value on which this contract was or will be signed. | UN00003938 | Contract. Signed. Date Time |
| 33 | BCC | Clauses | A clause, expressed as text, of this contract. | UN00004439 | Contract. Clause. Text |
| 38 | BCC | Final Payment Date | A date, time, date time, or other date time value of a final payment of the contract. | UN00004444 | Contract. Final Payment. Date Time |
| 42 | BCC | Status Code | A code specifying a status of this contract. | UN00004448 | Contract. Status. Code |
| 43 | BCC | Project ID | An identifier of a project for this contract. | UN00006976 | Contract. Project. Identifier |
| 44 | BCC | Information | Information, expressed as text, for this contract. | UN00006977 | Contract. Information. Text |
| 66 | ASCC | Contract Line Item | A contract line item specified in this contract. | UN00001374 | Contract. Specified. Contract Line Item |
| 75 | ASCC | Status | A status specified for this contract. | UN00003959 | Contract. Specified. Status |
| 76 | ASCC | Note | A note specified for this contract. | UN00006979 | Contract. Specified. Note |
| 84 | ASCC | Buyer | A buyer party for this contract. | UN00007359 | Contract. Buyer. Party |
| 85 | ASCC | Seller | A seller party for this contract. | UN00007360 | Contract. Seller. Party |
| 86 | ASCC | Total Price | A total price for this contract. | UN00007361 | Contract. Total. Price |
| 91 | ASCC | Payment Terms | Payment terms specified for this contract. | UN00007366 | Contract. Specified. Payment Terms |
| 92 | ASCC | Contract Line Item | A distinct, separately defined line item specified in a contract. | ADCS-\_\_\_\_\_\_\_\_ | Contract. Defined. Contract Line Item |

**Table 51** provides a list of Core Components for Contract Line Item.

Table 51 — Core Components for Contract Line Item

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Contract Line Item | A distinct, separately defined line item specified in a contract. | ADCS-00148 | Contract Line Item. Details |
| 1 | RLCC | Contract ID | A reference identifier for the heder contract. | ADCS-00149 | Contract Line Item.Header. Contract |
| 2 | IDCC | Contract Line Item ID | A unique identifier for this contract line item. | UN00001358 | Contract Line Item. Identification. Identifier |
| 3 | BCC | Name | A name, expressed as text, for this contract line item. | UN00001359 | Contract Line Item. Name. Text |
| 4 | BCC | Description | A textual description of this contract line item. | UN00001360 | Contract Line Item. Description. Text |
| 5 | BCC | Total Quantity | A total quantity for this contract line item. | UN00001361 | Contract Line Item. Total. Quantity |
| 6 | BCC | Actual Amount | A monetary value of an actual on which the contract line item is determined. | UN00004434 | Contract Line Item. Actual. Amount |
| 7 | BCC | Identified Amount | A monetary value identified for this contract line item. | UN00004435 | Contract Line Item. Identified. Amount |
| 8 | BCC | Payment Status | A code specifying a payment status of this contract line item. | UN00004436 | Contract Line Item. Payment Status. Code |
| 11 | BCC | Unit Price | A monetary value of a unit for the contract line item. | UN00004505 | Contract Line Item. Unit. Amount |
| 12 | BCC | Unit of Measurement Code | A code specifying a measurement for this contract line item, such as for packaging. | UN00004669 | Contract Line Item. Measurement. Code |
| 13 | BCC | [Specified] Date | A [Specified] date for the contract line item. | ADCS-00150 | Contract Line Item. [Sppecified]. Date |
| 14 | RLCC | [Specified Class] ID | A reference identifier for [Specified Class] | ADCS-00151 | Contract. Defined. [Specified Class] |
| 15 | ASCC | Associated Contract Line Item | A contract line item associated to this contract line item. | UN00004671 | Contract Line Item. Associated. Contract Line Item |

##### Trade Transaction

**Table 52** provides a list of Core Components for Trade Transaction.

Table 52 — Core Components for Trade Transaction

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Trade Transaction | Agreement, contract, exchange, understanding, or transfer of cash or property that occurs between two or more parties. | ADCS-00152 | Trade Transaction. Details |
| 1 | IDCC | Trade Transaction ID | A unique identifier for this trade transaction. | UN00002078 | Trade Transaction. Identification. Identifier |
| 2 | BCC | Type Code | A code specifying the type of trade transaction. | UN00002079 | Trade Transaction. Type. Code |
| 3 | BCC | Information | Information, expressed as text, for this trade transaction. | UN00002080 | Trade Transaction. Information. Text |
| 4 | BCC | Line Item Quantity | A number of line items for this trade transaction. | UN00003254 | Trade Transaction. Line Item. Quantity |
| 5 | BCC | Issue Date | A date, time, date time or other date time value for the issuance of this trade transaction. | UN00008735 | Trade Transaction. Issue. Date Time |
| 6 | BCC | URL | A Uniform Resource Locator (URL) of the web location of this trade transaction. | UN00008736 | Trade Transaction. URL. Identifier |
| 7 | BCC | [Specified] Code | A [Specified] code for this trade transaction. | ADCS-00153 | Trade Transaction. [Specified]. Code |
| 8 | BCC | [Specified] Text | A [Specified] text for this trade transaction. | ADCS-00154 | Trade Transaction. [Specified]. Text |
| 9 | BCC | [Specified] Date | A [Specified] date for this trade transaction. | ADCS-00155 | Trade Transaction. [Specified]. Date |
| 10 | RLCC | [Specified Class] ID | A reference identifier to [Specified Class] for this trade transaction. | ADCS-00156 | Trade Transaction. Defined.[Specified Class] |
| 11 | RLCC | [Specified] [Class] ID | A reference identifier for [Specified] [Class] | ADCS-00157 | Trade Transaction. [Specified]. [Class] |
| 12 | ASCC | Specified Period | A period specified in this trade transaction. | ADCS-00158 | Trade Transaction. Defined. Period |
| 13 | ASCC | [Specified] Monetary Value | A monetary value [specified] in this trade transaction. | ADCS-00159 | Trade Transaction. [Spedified]. Monetary Value |
| 14 | ASCC | Trade Line Item | A trade line item included in this trade transaction. | UN00002081 | Trade Transaction. Included. Trade Line Item |
| 15 | ASCC | Associated Document | A document associated with this trade transaction, such as the purchase order, invoice or packing list. | UN00002082 | Trade Transaction. Associated. Document |
| 16 | ASCC | Trade Settlement | Trade settlement details applicable to this trade transaction. | UN00002085 | Trade Transaction. Applicable. Trade Settlement |
| 17 | ASCC | Product Group | A product group included in this trade transaction. | UN00005067 | Trade Transaction. Included. Product Group |
| 18 | ASCC | Product | A product included in this trade transaction. | UN00008090 | Trade Transaction. Included. Product |
| 19 | ASCC | Trade Line Item | A collection of information specific to an item being used or reported on for trade purposes. |  | Trade Transaction. Defined. Trade Line Item |

**Table 53** provides a list of Core Components for Trade Line Item.

Table 53— Core Components for Trade Line Item

| No | CC | Business Term | Definition | ID | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- |
| 0 | ACC | Trade Line Item | A collection of information specific to an item being used or reported on for trade purposes. | ADCS-00160 | Trade Line Item. Details |
| 1 | RLCC | Trade Transaction ID | A specified reference identifier for trade transaction including this trade line item. | ADCS-00161 | Trade Line Item. Header. Trade Transaction |
| 1 | IDCC | Trade Line Item ID | A unique identifier for this trade line item. | UN00001309 | Trade Line Item. Identification. Identifier |
| 2 | BCC | Sequence Number | A sequence number for this trade line item. | UN00001928 | Trade Line Item. Sequence. Numeric |
| 3 | BCC | Seller Assigned ID | The unique identifier for this trade line item as assigned by the seller. | UN00001929 | Trade Line Item. Seller Assigned. Identifier |
| 4 | BCC | Buyer Assigned ID | The unique identifier for this trade line item as assigned by the buyer. | UN00001930 | Trade Line Item. Buyer Assigned. Identifier |
| 5 | BCC | Description | A textual description of this trade line item. | UN00001932 | Trade Line Item. Description. Text |
| 6 | BCC | Batch ID | A unique production batch identifier for this trade line item. | UN00001933 | Trade Line Item. Production Batch. Identifier |
| 7 | BCC | Product Model ID | A unique product model identifier for this trade line item. | UN00001934 | Trade Line Item. Product Model. Identifier |
| 8 | BCC | Type Code | A code specifying a type of trade line item. | UN00001935 | Trade Line Item. Type. Code |
| 10 | BCC | Gross Weight | A measure of the gross weight (mass) of this trade line item which includes packaging but which excludes any associated transport equipment. | UN00001937 | Trade Line Item. Gross Weight. Measure |
| 11 | BCC | Net Weight | A measure of the net weight (mass) of this trade line item which excludes all packaging. | UN00001938 | Trade Line Item. Net Weight. Measure |
| 12 | BCC | Gross Volume | A measure of the gross volume of this trade line item. | UN00001939 | Trade Line Item. Gross Volume. Measure |
| 14 | BCC | Charge Amount | A monetary value of a charge for this trade line item. | UN00001941 | Trade Line Item. Charge. Amount |
| 15 | BCC | Invoice Amount | A monetary value of an invoice for this trade line item. | UN00001942 | Trade Line Item. Invoice. Amount |
| 16 | BCC | Chargeable Unit Quantity | A number of chargeable units for this trade line item. | UN00001943 | Trade Line Item. Chargeable Unit. Quantity |
| 17 | BCC | Chargeable Weight | A measure of a chargeable weight for this trade line item. | UN00001944 | Trade Line Item. Chargeable Weight. Measure |
| 18 | BCC | Information | Information, expressed as text, for this trade line item. | UN00001945 | Trade Line Item. Information. Text |
| 19 | BCC | Net Volume | A measure of the net volume for this trade line item. | UN00001946 | Trade Line Item. Net Volume. Measure |
| 20 | BCC | Name | A name, expressed as text, for this trade line item. | UN00002740 | Trade Line Item. Name. Text |
| 21 | BCC | Use | A use, expressed as text, for this trade line item. | UN00002741 | Trade Line Item. Use. Text |
| 24 | BCC | Status Code | A code specifying a status of this trade line item. | UN00007536 | Trade Line Item. Status. Code |
| 25 | BCC | Status Reason Code | A code specifying a reason for a status of this trade line item. | UN00007537 | Trade Line Item. Status Reason. Code |
| 26 | BCC | Description Code | A code specifying a description of this trade line item. | UN00008270 | Trade Line Item. Description. Code |
| 65 | BCC | Tax excluded Amount | A tax excluded amount for this trade line item. | ADCS-00170 | Trade Transaction. Tax Excluded. Amount |
| 65 | BCC | Tax Included Amount | A tax included amount for this trade line item. | ADCS-00171 | Trade Transaction. Tax Included. Amount |
| 66 | BCC | Tax Excluded Unit Price | A tax excluded unit price for this trade line item. | ADCS-00172 | Trade Transaction. Tax Excluded. Unit Price |
| 66 | BCC | Tax Included Unit Price | A tax included unit price for this trade line item. | ADCS-00173 | Trade Transaction. Tax Included. Unit Price |
| 67 | BCC | Transaction Amount | An amount for this trade line item intarnsaction currency. | ADCS-00174 | Trade Transaction. Transaction Currency. Amount |
| 27 | BCC | [Specified] Code | A [Specified] code for this trade line item. | ADCS-00162 | Trade Transaction. [Specified]. Code |
| 28 | BCC | [Specified] Text | A [Specified] text for this trade line item. | ADCS-00163 | Trade Transaction. [Specified]. Text |
| 29 | BCC | [Specified] Date | A [Specified] date for this trade line item. | ADCS-00164 | Trade Transaction. [Specified]. Date |
| 30 | RLCC | [Specified Class] ID | A reference identifier to [Specified Class] for this line item. | ADCS-00165 | Trade Transaction. Defined.[Specified Class] |
| 31 | ASCC | [Specified] Monetary Value | A monetary value [specified] in this trade transaction. | ADCS-00166 | Trade Transaction. [Spedified]. Monetary Value |
| 32 | ASCC | Shipment Party | A party for a shipment in this trade line item. | UN00001310 | Trade Line Item. Shipment. Party |
| 35 | ASCC | Delivery | A delivery specified for this trade line item. | UN00001313 | Trade Line Item. Specified. Delivery |
| 38 | ASCC | Actual Monetary Summation | An actual monetary summation for this trade line item. | UN00001316 | Trade Line Item. Actual. Monetary Summation |
| 39 | ASCC | Total Tax | A total tax for this trade line item. | UN00001317 | Trade Line Item. Total. Tax |
| 40 | ASCC | Accounting Account | An accounting account for this trade line item. | UN00001318 | Trade Line Item. Account. Accounting Account |
| 45 | ASCC | Unit. Price | The unit price details for this trade line item. | UN00001947 | Trade Line Item. Unit. Price |
| 54 | ASCC | Trade Line Item | A trade line item subordinate to this trade line item, such as a reference link to a contained order item within a packing item. | UN00001956 | Trade Line Item. Subordinate. Trade Line Item |
| 62 | ASCC | Trade Agreement | A trade agreement specified for this trade line item. | UN00003213 | Trade Line Item. Specified. Trade Agreement |
| 63 | ASCC | Trade Delivery | A trade delivery specified for this trade line item. | UN00003214 | Trade Line Item. Specified. Trade Delivery |
| 64 | ASCC | Trade Settlement | A trade settlement specified for this trade line item. | UN00003215 | Trade Line Item. Specified. Trade Settlement |

### Business Information Entities

#### Legend

Each information element that constitutes the semantic data model of the Core Components is described as a row in the table documented in the following sub-clause where the following information is provided.

| No | BIE | D | Business Term | S | O | Description | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |

No: A sequence number for the information element.

BIE: Specifies which category of Business Information Entity the information element belongs to.

1. ABIE: Aggregate Business Information Entity
2. ASBIE: Association Business Information Entity
3. BBIE: Basic Business Information Entity
4. IDBIE: Identifier Business Information Entity
5. RLBIE: Relation Business Information Entity

D: Depth. Indicates on which depth in the model the information element occurs:

1. 0: The first depth of the model;
2. 1: the second depth of the model. The information element (or the group of information elements) is part of a group of information elements which is defined at the first depth of the model.
3. 2: the third depth of the model. The information element (or the group of information elements) is part of a group of information elements which is defined at the second depth of the model.
4. 3: the fourth depth of the model. The information element (or the group of information elements) is part of a group of information elements which is defined at the third depth of the model.

Business Term: A synonym used in business where a Business Information Entity is commonly known.

O: Occurence

Description: A description of the information element.

Semantic data type: The data format that applies to the information element (see 4.6.1.5).

Dictionary Entry Name: A unique official name of a Business Information Entity registered by the United Nations. . If there is no corresponding registered information element, named according to the naming convention defined in ISO 15000-1.

#### Document and line item

Nobu: ISO/IEC 19845:2015, 2.2.11 says Line item as folllows;

Many of the UBL document types employ the concept of a “line” inherited from traditional paper documents such as purchase orders and invoices. As in these older realizations, a “line” is a substantial data object with a number of sub-fields, typically including a short description, quantity, unit name, unit price, extension, and so on. Often in UBL these data structures include an element named Item that describes more fully the item of sale being ordered, invoiced, shipped, etc. Item in the line context always refers to the generic item of sale, not a unique, trackable, individual instance of such an item.

In the case of line structures such as InvoiceLine and TenderLine, the relationship between the line and the Item it contains is unproblematic, but a person unfamiliar with traditional usage may easily be confused by the line element called LineItem. In traditional business processes, “line item” is a common name for the entire line structure in a purchase order or invoice, not just the item of sale contained in the line. Thus, despite the name, a LineItem is not an Item but rather a complex data structure that contains an Item along with quantity, price, and so on.

There are two types of business documents. One is a list of data and the other is a header and line item. The list of data includes customer masters, supplier masters, and subledgers such as accounts payable and trial balance. Most business transactions consist of headers and list items.

There are two ways to represent a business document that consists of headers and line items:

One is a format in which the header contains line items and is expressed in single document. The other is to represent it as two documents, a header document and a line item document.

In the first method, the line items are defined as ASBIE in the header ABIE. The following example illustrates this approach.

EXAMPLE **Table 56** and **Table 57** lists the skeleton structure of the first approach.

Table 56 — Business Information Entities for Header

| No | BIE | D | Business Term | Semantic data type | O | Description | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Header | — | — | The document header. | ADS Header\_ Trade Transaction. Details |
| 1 | IDBIE | 1 | Header ID | Identifier | 1..1 | The unique identifier for the he document header. | ADS Header\_ Trade Transaction. |
|  |  |  |  |  |  |  |  |
| x | ASBIE | 1 | Line Item | —. | 1..n | line items of this document | ADS Header\_ Trade Transaction. Defined. ADS Line Item\_ Trade Line Item |
| x+1 | IDBIE | 2 | Line Item ID | Identifier | 1..1 | The unique identifier for the document line item. | ADS Line Item\_Trade Line Item. Identification. Identifier |
|  |  |  |  |  |  |  |  |

Table 57 — Business Information Entities for Line Item

| No | BIE | D | Business Term | Semantic data type | O | Description | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Line Item | — | — | The document line item. | ADS Line Item\_ Trade Line Item. Details |
| 1 | IDBIE | 1 | Line Item ID | Identifier | 1..1 | The unique identifier for the document line item. | ADS Line Item\_Trade Line Item. Identification. Identifier |
|  |  |  |  |  |  |  |  |

In the second method, the line item ABIE contains the RLBIE for the header ABIE . In such cases, there are two lists. One is a list of headers and the other is a list of line items.

EXAMPLE **Table 58** and **Table 59** lists the skeleton structure of the second approach.

Table 58 — Business Information Entities for Header

| No | BIE | D | Business Term | Semantic data type | O | Description | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Header | — | — | The document header. | ADS Header\_ Trade Transaction. Details |
| 1 | IDBIE | 1 | Header ID | Identifier | 1..1 | The unique identifier for the document header. | ADS Header\_ Trade Transaction. |
|  |  |  |  |  |  |  |  |

Table 59 — Business Information Entities for Line Item

| No | BIE | D | Business Term | Semantic data type | O | Description | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Line Item | — | — | The document line item. | ADS Line Item\_ Trade Line Item. Details |
| 1 | RLBIE | 1 | Header ID | Reference identifier | 1..1 | The reference identifier for the document header. | ADS Line Item\_Trade Line Item. Header. ADS Header\_ Trade Transaction |
| 2 | IDBIE | 1 | Line Item ID | Identifier | 1..1 | The unique identifier for the document line item. | ADS Line Item\_Trade Line Item. Identification. Identifier |
|  |  |  |  |  |  |  |  |

#### Common Business information entities

##### Address

**Table 55** provides a list of Business Information Entities for Physical Address.

Table 55 — Business Information Entities for Pysical Address

| No | BIE | D | Business Term | Semantic data type | O | Description | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Pysical Address | — | — | The address where an individual or entity is physically located. | ADS Physical\_ Address. Details |
| 1 | BBIE | 1 | Line1 | Text | 1..1 | Line 1 of the street address. | ADS Physical\_ Address. Line One. Text |
| 2 | BBIE | 1 | Line2 | Text | 0..1 | Line 2 of the street address. | ADS Physical\_ Address. Line Two. Text |
| 3 | BBIE | 1 | City | Text | 1..1 | The city where an individual or entity is located. | ADS Physical\_ Address. City Name. Text |
| 4 | BBIE | 1 | State Province Code | Code | 0..1 | The state or province where an individual or entity is located. "State Province" may not be reported when "Postal Code" is reported. Recommend ISO 3166-2. | ADS Physical\_ Address. Country Sub-Division. Identifier |
| 5 | BBIE | 1 | Postal Code | Code | 1..1 | The postal code where an individual or entity is located. | ADS Physical\_ Address. Postcode. Code |
| 6 | BBIE | 1 | Country Code | Code | 1..1 | The country code where an individual or entity is located. | ADS Physical\_ Address. Country. Identifier |

**Table 56** provides a list of Business Information Entities for Billing Address.

Table 56 — Business Information Entities for Billing Address

| No | BIE | D | Business Term | Semantic data type | O | Description | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Billing Address | — | — | The address where the bill is sent to this individual or entity. | ADS Billing\_ Address. Details |
| 1 | BBIE | 1 | Billing Line1 | Text | 1..1 | Line 1 of the street address. | ADS Billing\_ Address. Line One. Text |
| 2 | BBIE | 1 | Billing Line2 | Text | 0..1 | Line 2 of the street address. | ADS Billing\_ Address. Line Two. Text |
| 3 | BBIE | 1 | Billing City | Text | 1..1 | The city where the person or party is located. | ADS Billing\_ Address. City Name. Text |
| 4 | BBIE | 1 | Billing State Province Code | Code | 0..1 | The state or province where an individual or entity is located. "State Province" may not be reported when "Postal Code" is reported. Recommend ISO 3166-2. | ADS Billing\_ Address. Country Sub-Division. Identifier |
| 5 | BBIE | 1 | Billing Postal Code | Code | 1..1 | The postal code where an individual or entity is located. | ADS Billing\_ Address. Postcode. Code |
| 6 | BBIE | 1 | Billing Country Code | Code | 1..1 | The country code where an individual or entity is located. | ADS Billing\_ Address. Country. Identifier |

##### Monetary Amount

**Table 57** provides a list of Business Information Entities for Amount Value.

Table 57 — Business Information Entities for Amount Value

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Amount Value | — | — | The material or monetary worth of a thing that is associated with a book. | ADS\_ Monetary Value. Details |
| 1 | BBIE | 1 | Functional Amount | Amount | 1..1 | The monetary value of the accounting book in the function currency. | ADS\_ Monetary Value. Functional Currency. Amount |
| 2 | BBIE | 1 | Local Amount | Amount | 0..1 | The monetary value of the accounting book in the accounting currency local to where the accounting records are required. | ADS\_ Monetary Value. Local Accounting Currency. Amount |
| 3 | BBIE | 1 | Reporting Amount | Amount | 0..1 | The monetary value of the accounting book in another currency, such as a reporting currency, a consolidation currency, or the euro transition period. | ADS\_ Monetary Value. Reporting Currency. Amount |
| 4 | BBIE | 1 | Transaction Amount | Amount | 0..1 | The monetary value of the accounting book in the voucher currency. | ADS\_ Monetary Value. Transaction Currency. Amount |
| 5 | BBIE | 1 | Debit Credit Code | Code | 0..1 | The code specifying the accounting sign of the accounting book monetary value (Reference United Nations Code List (UNCL) 4405 code list). | ADS\_ Monetary Value. Debit Credit. Code |
| 6 | BBIE | 1 | Amount Qualifier Code | Code | 0..1 | The code qualifying the amount of the accounting book monetary value such as balance, total of entries amount. | ADS\_ Monetary Value. Amount Qualifier. Code |
| 7 | RLBIE | 1 | GL Debit Account Number | Rference Identifier | 0..1 | The number of GL account on which the debit side of the transaction has been posted. | ADS\_ Monetary Value. Debit. ADS\_ Accounting Account |
| 8 | RLBIE | 1 | GL Credit Account Number | Rference Identifier | 0..1 | The number of GL account on which the credit side of the transaction has been posted. | ADS\_ Monetary Value. Credit. ADS\_ Accounting Account |

**Table 58** provides a list of Business Information Entities for Ballance

Table 58— Business Information Entities for Ballance

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Ballance | — | — | The material or monetary worth of a thing that is associated with ballance. | ADS Balance\_ Monetary Value. Details |
| 1 | BBIE | 1 | Functional Ballance | Amount | 1..1 | The monetary value of the ballance in the function currency. | ADS Balance\_ Monetary Value. Functional Currency. Amount |
| 2 | BBIE | 1 | Local Ballance | Amount | 0..1 | The monetary value of the ballance in the accounting currency local to where the accounting records are required. | ADS Balance\_ Monetary Value. Local Accounting Currency. Amount |
| 3 | BBIE | 1 | Reporting Ballance | Amount | 0..1 | The monetary value of the ballance in another currency, such as a reporting currency, a consolidation currency, or the euro transition period. | ADS Balance\_ Monetary Value. Reporting Currency. Amount |
| 4 | BBIE | 1 | Transaction Ballance | Amount | 0..1 | The monetary value of the ballance in the voucher currency. | ADS Balance\_ Monetary Value. Transaction Currency. Amount |
| 5 | BBIE | 1 | Debit Credit Code | Code | 0..1 | The code specifying the accounting sign of the ballance monetary value (Reference United Nations Code List (UNCL) 4405 code list). | ADS Balance\_ Monetary Value. Debit Credit. Code |
| 6 | BBIE | 1 | Ballance Qualifier Code | Code | 0..1 | The code qualifying the amount of the ballance monetary value such as balance, total of entries amount. | ADS Balance\_ Monetary Value. Amount Qualifier. Code |
| 7 | ASBIE | 1 | Booking Account | — | 0..n | An accounting account to which this ballance monetary value is booked. | ADS Balance\_ Monetary Value. Booking. Accounting Account |

**Table 58** provides a list of Business Information Entities for Begining Ballance

Table 58— Business Information Entities for Begining Ballance

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Begining Ballance | — | — | The material or monetary worth of a thing that is associated with begining ballance. | ADS Begining Balance\_ Monetary Value. Details |
| 1 | BBIE | 1 | Begining Functional Ballance | Amount | 1..1 | The monetary value of the begining ballance in the function currency. | ADS Begining Balance\_ Monetary Value. Functional Currency. Amount |
| 2 | BBIE | 1 | Begining Local Ballance | Amount | 0..1 | The monetary value of the begining ballance in the accounting currency local to where the accounting records are required. | ADS Begining Balance\_ Monetary Value. Local Accounting Currency. Amount |
| 3 | BBIE | 1 | Begining Reporting Ballance | Amount | 0..1 | The monetary value of the begining ballance in another currency, such as a reporting currency, a consolidation currency, or the euro transition period. | ADS Begining Balance\_ Monetary Value. Reporting Currency. Amount |
| 4 | BBIE | 1 | Begining Transaction Ballance | Amount | 0..1 | The monetary value of the begining ballance in the voucher currency. | ADS Begining Balance\_ Monetary Value. Transaction Currency. Amount |
| 5 | BBIE | 1 | Begining Debit Credit Code | Code | 0..1 | The code specifying the accounting sign of the begining ballance monetary value (Reference United Nations Code List (UNCL) 4405 code list). | ADS Begining Balance\_ Monetary Value. Debit Credit. Code |
| 6 | BBIE | 1 | Begining Ballance Qualifier Code | Code | 0..1 | The code qualifying the amount of the begining ballance monetary value such as balance, total of entries amount. | ADS Begining Balance\_ Monetary Value. Amount Qualifier. Code |
| 7 | ASBIE | 1 | Begining Booking Account | — | 0..n | An accounting account to which this begining ballance monetary value is booked. | ADS Begining Balance\_ Monetary Value. Booking. Accounting Account |

**Table 59** provides a list of Business Information Entities for Ending Ballance.

Table 59— Business Information Entities for Ending Ballance

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Ending Ballance | — | — | The material or monetary worth of a thing that is associated with a line that is a part of an accounting entry. | ADS Ending Balance\_ Monetary Value. Details |
| 1 | BBIE | 1 | Ending Functional Ballance | Amount | 1..1 | The monetary value of the ending ballance in the function currency. | ADS Ending Balance\_ Monetary Value. Functional Currency. Amount |
| 2 | BBIE | 1 | Ending Local Ballance | Amount | 0..1 | The monetary value of the ending ballance in the accounting currency local to where the accounting records are required. | ADS Ending Balance\_ Monetary Value. Local Accounting Currency. Amount |
| 3 | BBIE | 1 | Ending Reporting Ballance | Amount | 0..1 | The monetary value of the ending ballance in another currency, such as a reporting currency, a consolidation currency, or the euro transition period. | ADS Ending Balance\_ Monetary Value. Reporting Currency. Amount |
| 4 | BBIE | 1 | Ending Transaction Ballance | Amount | 0..1 | The monetary value of the ending ballance in the voucher currency. | ADS Ending Balance\_ Monetary Value. Transaction Currency. Amount |
| 5 | BBIE | 1 | Ending Debit Credit Code | Code | 0..1 | The code specifying the accounting sign of the ending ballance monetary value (Reference United Nations Code List (UNCL) 4405 code list). | ADS Ending Balance\_ Monetary Value. Debit Credit. Code |
| 6 | BBIE | 1 | Ending Ballance Qualifier Code | Code | 0..1 | The code qualifying the amount of the ending ballance monetary value such as balance, total of entries amount. | ADS Ending Balance\_ Monetary Value. Amount Qualifier. Code |
| 7 | ASBIE | 1 | Ending Booking Account | — | 0..n | An accounting account to which this ending ballance monetary value is booked. | ADS Ending Balance\_ Monetary Value. Booking. Accounting Account |

**Table 60** provides a list of Business Information Entities for Line Amount.

Table 60 — Business Information Entities for Line Amount

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Line Amount | — | — | The material or monetary worth of a thing that is associated with a line that is a part of an accounting entry. | ADS Line\_ Monetary Value. Details |
| 1 | BBIE | 1 | Line Functional Amount | Amount | 1..1 | The monetary value of the accounting line in the function currency. | ADS Line\_ Monetary Value. Functional Currency. Amount |
| 2 | BBIE | 1 | Line Local Amount | Amount | 0..1 | The monetary value of the accounting line in the accounting currency local to where the accounting records are required. | ADS Line\_ Monetary Value. Local Accounting Currency. Amount |
| 3 | BBIE | 1 | Line Reporting Amount | Amount | 0..1 | The monetary value of the accounting line in another currency, such as a reporting currency, a consolidation currency, or the euro transition period. | ADS Line\_ Monetary Value. Reporting Currency. Amount |
| 4 | BBIE | 1 | Line Transaction Amount | Amount | 0..1 | The monetary value of the accounting line in the voucher currency. | ADS Line\_ Monetary Value. Transaction Currency. Amount |
| 5 | BBIE | 1 | Line Debit Credit Code | Code | 0..1 | The code specifying the accounting sign of the accounting line monetary value (Reference United Nations Code List (UNCL) 4405 code list). | ADS Line\_ Monetary Value. Debit Credit. Code |
| 6 | BBIE | 1 | Line Amount Qualifier Code | Code | 0..1 | The code qualifying the amount of the accounting line monetary value such as balance, total of entries amount. | ADS Line\_ Monetary Value. Amount Qualifier. Code |
| 7 | ASBIE | 1 | Line Booking Account | — | 0..n | An accounting account to which this accounting line monetary value is booked. | ADS Line\_ Monetary Value. Booking. Accounting Account |

##### User Activity

**Table 61** provides a list of Core Components for entered activity.

Table 61 — Business Information Entities for Entered Activity

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Entered Activity | — | — | A thing that a person does or has done. A type of activity is "Entered". | ADS\_ Entered\_ Activity. Details |
| 1 | RLBIE | 1 | Entered By | Reference Identifier | 1..1 | A reference identifier for the user who entered this activity. | ADS\_ Entered\_ Activity. Performed By. ADS\_ System User |
| 2 | BBIE | 1 | Date | Date | 1..1 | A date value when this activity occurs or has occurred. | ADS\_ Entered\_ Activity. Occurred. Date |
| 2 | BBIE | 1 | Time | Date | 0..1 | A time value when this activity occurs or has occurred. | ADS\_ Entered\_ Activity. Occurred. Time |

**Table** **62** provides a list of Core Components for approved activity.

Table 62 — Business Information Entities for Approved Activity

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Approved Activity | — | — | A thing that a person does or has done. A type of activity is "Approved". | ADS\_ Approved\_ Activity. Details |
| 1 | RLBIE | 1 | Approveed By | Reference Identifier | 1..1 | A reference identifier for the user who performed this activity. | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User |
| 2 | BBIE | 1 | Approveed Date | Date | 1..1 | A date value when this activity occurs or has occurred. | ADS\_ Approved\_ Activity. Occurred. Date |
| 2 | BBIE | 1 | Approveed Time | Date | 0..1 | A time value when this activity occurs or has occurred. | ADS\_ Approved\_ Activity. Occurred. Time |

**Table 63** provides a list of Core Components for last modified activity.

Table 63 — Business Information Entities for Last Modified Activity

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Last Modified Activity | — | — | A thing that a person does or has done. A type of activity is "Last Modified". | ADS\_ Last Modified\_ Activity. Details |
| 1 | RLBIE | 1 | Last Modifyed By | Reference Identifier | 1..1 | A reference identifier for the user who performed this activity. | ADS\_ Last Modified\_ Activity. Performed By. ADS\_ System User |
| 2 | BBIE | 1 | Last Modifyed Date | Date | 1..1 | A date value when this activity occurs or has occurred. | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 2 | BBIE | 1 | Last Modifyed Time | Date | 0..1 | A time value when this activity occurs or has occurred. | ADS\_ Last Modified\_ Activity. Occurred. Time |

**Table 64** provides a list of Core Components for posted activity.

Table 64 — Business Information Entities for Posted Activity

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Posted Activity | — | — | A thing that a does or has done. A type of activity is "Posted". | ADS\_ Posted\_ Activity. Details |
| 1 | RLBIE | 1 | Posted By | Reference Identifier | 1..1 | A reference identifier for the user who performed this activity. | ADS\_ Posted\_ Activity. Performed By. ADS\_ System User |
| 2 | BBIE | 1 | Posted Date | Date | 1..1 | A date value when this activity occurs or has occurred. | ADS\_ Posted\_ Activity. Occurred. Date |
| 3 | BBIE | 1 | Posted Time | Date | 0..1 | A time value when this activity occurs or has occurred. | ADS\_ Posted\_ Activity. Occurred. Time |

**Table 65** provides a list of Core Components for created activity.

Table 65 — Business Information Entities for Created Activity

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Created Activity | — | — | A thing that a person does or has done. A type of activity is "Created". | ADS\_ Created\_ Activity. Details |
| 1 | RLBIE | 1 | User | Reference Identifier | 1..1 | A reference identifier for the user who performed this activity. | ADS\_ Created\_ Activity. Performed By. ADS\_ System User |
| 2 | BBIE | 1 | Date | Date | 1..1 | A date value when this activity occurs or has occurred. | ADS\_ Created\_ Activity. Occurred. Date |
| 2 | BBIE | 1 | Time | Date | 0..1 | A time value when this activity occurs or has occurred. | ADS\_ Created\_ Activity. Occurred. Time |

##### Tax

**Table 66** provides a list of Business Information Entities for Tax.

Table 66 — Business Information Entities for Tax

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Tax | — | — | A levy or payment for the support of a government required of persons, groups, or businesses within the domain of that government. | Tax . Details |
| 1 | BBIE | 1 | Tax Type Code | Code | 1..1 | A code specifying a type of tax, such as a code for a Value Added Tax (VAT) [Reference United Nations Code List (UNCL) 5153]. | ADS\_ Tax. Type. Code |
| 2 | BBIE | 1 | Tax Transaction Amount | Amount | 1..1 | A monetary value resulting from the calculation of a tax. | ADS\_ Tax. Calculated. Amount |
| 3 | RLBIE | 1 | Tax Debit Account Number | Reference Identifier | 0..1 | The GL account number on which the debit side of the Tax1 transaction has been posted. | ADS\_ Tax. Debit. ADS\_ Accounting Account |
| 4 | RLBIE | 1 | Tax Credit Account Number | Reference Identifier | 0..1 | The GL account number on which the credit side of the Tax1 transaction has been posted. | ADS\_ Tax. Credit. ADS\_ Accounting Account |
| 5 | BBIE | 1 | Tax Point Date | Date | 0..1 | The date, time, date time or other date time value specified as the tax point for this tax. | ADS\_ Tax. Specified Tax Point. Date |

#### Base

##### General

The Base module contains basic information that is used across multiple modules.

##### Business Segment

**Table 67** provides a list of Business Information Entities for Business Segment.

Table 67 — Business Information Entities for Business Segment

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Business Segment | — | — | Business segment is uniquely identified by organization type and business segment code. The organization type corresponds to the code value of each Business Term in RLBIE. | ADS Business Segment\_ Code. Details |
| 1 | IDBIE | 1 | Business Segment ID | Identifier | 1..1 | The unique identifier for a business segment. | ADS Business Segment\_ Code. Identification. Identifier |
| 2 | BBIE | 1 | Organization Type | Code | 1..1 | Indicates the name of the organization type, for example, “Department” and “Cost Center”. | ADS Business Segment\_ Code. Organization Type. Code |
| 3 | BBIE | 1 | Business Segment Code | Code | 1..1 | The code of each business segment. | ADS Business Segment\_ Code. Business Segment Code |
| 4 | BBIE | 1 | Name | Code | 1..1 | The name of the business segment. | ADS Business Segment\_ Code. Name. Text |
| 5 | BBIE | 1 | Reference Level Code | Code | 1..1 | The relative level of the segment with 1 being the consolidated level and numbers increasing through lower levels of the organizational chart. | ADS Business Segment\_ Code. Reference Level Code |
| 6 | RLBIE | 1 | Parent ID | Reference Identifier | 0..1 | The reference identifier of the parent business segment. | Business Segment\_ Code. Parent. Business Segment\_ Code |

##### Employee

**Table 68** provides a list of Business Information Entities for Employee.

Table 68 — Business Information Entities for Employee

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Employee | — | — | The personnel information of the employee in an independent accounting unit. | ADS\_ Employee. Details |
| 1 | IDBIE | 1 | Employee ID | Identifier | 1..1 | The unique identifier for an employee. | ADS\_ Employee. Employer Assigned Identification. Identifier |
| 2 | BBIE | 1 | Code | Code | 1..1 | The code of the employee. Each employee has only one code. If someone does part-time jobs in multiple departments, there will be more than one record with different Employee ID in this table. And the part-time status will be reflected in Employee Type Code. | ADS\_ Employee. Assigned Identification. Code |
| 3 | BBIE | 1 | Name | Text | 1..1 | The name of the employee. | ADS\_ Employee. Name. Text |
| 4 | BBIE | 1 | Inactive flag | Indicator | 0..1 | Indicate whether one employee is active or inactive. One employee may become inactive due to some reasons such as sabbatical. | ADS\_ Employee. Active. Indicator |
| 5 | BBIE | 1 | Type Code | Code | 1..1 | The code of the employee types.  EXAMPLE Using 004 to represent an on-the-job employee, 005 to represent a retired employee, 006 to represent a deceased employee, and 007 to represent a part-time employee. | ADS\_ Employee. Type. Code |
| 6 | BBIE | 1 | Type Name | Text | 1..1 | The name of the employee type.  EXAMPLE Employed, retired, probation and part-time. | ADS\_ Employee. Type. Text |
| 7 | BBIE | 1 | Department Code | Code | 1..1 | The code of department rosters.  EXAMPLE The IT department is designated as code 0018.  Shall match the Business Segment Code in the Business Segment. | ADS\_ Employee. Reporting Department. Code |
| 8 | BBIE | 1 | Job Title | Text | 0..1 | The title of the person in an accounting unit.  EXAMPLE Accounting manager. | ADS\_ Employee. Job Title. Text |
| 9 | BBIE | 1 | Academic Degree | Text | 0...1 | The highest academic degree acquired.  EXAMPLE Doctor, Master. | ADS\_ Employee. Academic Degree. Text |
| 10 | BBIE | 1 | Employment Date | Date | 0..1 | The employment date of the employee. | ADS\_ Employee. Employment. Date Time |
| 11 | BBIE | 1 | Termination Date | Date | 0..1 | The termination date of the employee from which the labor contract was no longer valid, or the employee no longer works in this department. | ADS\_ Employee. Termination. Date Time |
| 12 | RLBIE | 1 | User ID | Reference Identifier | 0..1 | The user ID associated with the employee.  This ID shall match the User ID in the ADS\_ System User. | ADS\_ Employee. Associated. ADS\_ System User |

##### System User

**Table 69** provides a list of Business Information Entities for System User.

Table 69 — Business Information Entities for System User

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | User | — | — | The user information of accounting and/or ERP system. | ADS\_ System User. Detail |
| 1 | IDBIE | 1 | User ID | Identifier | 1..1 | The unique identifier for the individuals entering transactions into the accounting and/or ERP system. | ADS\_ System User. Identification. Identifier |
| 2 | BBIE | 1 | Active Status | Indicator | 0..1 | This indicates whether the status of the user is active or inactive. A user may become inactive due to retirement, dismissal or termination etc.  EXAMPLE 1 is active and 0 is inactive. | ADS\_ System User. Active Status. Indicator |
| 3 | BBIE | 1 | Status Modified Date | Date | 0..1 | The modified date of the user's activation or termination status. | ADS\_ System User. Status Modified. Date |
| 4 | BBIE | 1 | Name | Text | 1..1 | The name of the user. | ADS\_ System User. Name. Text |
| 5 | BBIE | 1 | Job Title | Text | 0..1 | The title of the person in the system.  EXAMPLE System manager. | ADS\_ System User. Job Title. Text |
| 6 | RLBIE | 1 | Department Code | Reference Identifier | 0..1 | The code of department rosters of the use.  EXAMPLE The department name is IT department and the code is 0018. | ADS\_ Syatem User. Department. ADS Business Segment\_ Code |
| 7 | BBIE | 1 | Role Responsibility | Text | 0..1 | Free form description of the individual's functional role or primary responsibility.  EXAMPLE Responsibility related to managing the information of accounts payable in the system. | ADS\_ Syatem User. Role Responsibility. Text |

##### Customer

**Table 70** provides a list of Business Information Entities for Customer Type.

Table 70 — Business Information Entities for Customer Type

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Customer Type | — | — | Detailed descriptions of the customer type. | ADS Customer\_ Type. Details |
| 1 | IDBIE | 1 | Customer Type ID | Identifier | 1..1 | The unique identifier for the customer type. | ADS Customer\_ Type. Identification. Identifier |
| 2 | BBIE | 1 | Code | Code | 1..1 | The code of the customer type. Customer Type Code and Customer Type Name are not necessarily related.  EXAMPLE Using 004 to represent a Platinum customer, 005 to represent a Gold customer and 006 to represent a Silver customer. | ADS Customer\_ Type. Type. Code |
| 3 | BBIE | 1 | Name | text | 1..1 | The name of the type categorized by the customer attributes.  EXAMPLE Platinum customer, Gold customer and Silver customer. | ADS Customer\_ Type. Name. Text |
| 4 | RLBIE | 1 | Parent Customer Type ID | Reference Identifier | 0..1 | The reference identifier for the parent customer type. Shall match the Customer Type ID in the Customer Type. | ADS Customer\_ Code. Parent. ADS Customer\_ Type |

**Table 71** provides a list of Business Information Entities for Customer.

Table 71— Business Information Entities for Customer

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Customer | — | — | The essential and generic information of the customers. | ADS Customer\_ Party. Details |
| 1 | IDBIE | 1 | Customer ID | Identifier | 1..1 | The unique identifier for the customer. | ADS Customer\_ Party. Identification. Identifier |
| 2 | BBIE | 1 | Account Number | Code | 1..1 | The account number of the customer. This number is generated either by manual input or by the system. | ADS Customer\_ Party. Account Number\_ Identification. Code |
| 3 | BBIE | 1 | Name | Text | 1..1 | The name of the customer. | ADS Customer\_ Party. Name. Text |
| 4 | BBIE | 1 | Abbreviation | Text | 0..1 | The abbreviation of the customer's name. | ADS Customer\_ Party. Abbrebiation. Text |
| 5 | BBIE | 1 | Tax Identification Number | Code | 0..1 | The customer's tax identification number. This number is usually assigned by tax regulator. | ADS Customer\_ Party. Tax\_ Identification. Code |
| 6 | BBIE | 1 | Inactive Date | Date | 0..1 | The date that the customer was declared inactive. For example, a customer may become inactive due to exceeding credit limit, legal restrictions, contract termination or bankruptcy etc. | ADS Customer\_ Party. Inactive\_ Specified. Date |
| 7 | BBIE | 1 | Transaction Credit Limit | Amount | 0..1 | The per invoice credit limit established for the customer. | ADS Customer\_ Party. Transaction Credit Limit\_ Specified. Amount |
| 8 | BBIE | 1 | Total Credit Limit | Amount | 0..1 | The credit limit for the customer's total outstanding balance. | ADS Customer\_ Party. Total Credit Limit\_ Specified. Amount |
| 9 | BBIE | 1 | Terms Discount Percentage | Percentage | 0..1 | The discount percentage the customer can take if an invoice is paid before a certain number of days. In the flat file, terms are represented as integers to decimal place.  EXAMPLE 10% would be represented as 10. | ADS Customer\_ Party. Terms Discount\_ Specified. Percentage |
| 10 | BBIE | 1 | Terms Discount Days | Numeric | 0..1 | The number of days from the invoice date the customer has to take advantage of discounted terms. Terms are represented as integers with no decimal places.  EXAMPLE 10 days would be represented as 10. | ADS Customer\_ Party. Terms Discount Days\_ Specified. Numeric |
| 11 | BBIE | 1 | Terms Due Days | Numeric | 0..1 | The default number of days allowed to meet the obligation before an invoice becomes overdue. | ADS Customer\_ Party. Terms Due Days\_ Specified. Numeric |
| 12 | RLBIE | 1 | Customer Type | Reference Identifier | 0..1 | The reference identifier for the customer type. Shall match the Customer Type ID in the Customer Type. | ADS Customer\_ Party. Related. ADS Customer\_ Type |
| 13 | RLBIE | 1 | Corresponding Supplier ID | Reference Identifier | 0..1 | The reference identifier for the corresponding supplier in case that the customer is also a supplier. Shall match the Supplier Account ID in the Supplier. Otherwise set NULL. | ADS Customer\_ Party. Corresponding. ADS Supplier\_ Party |
| 14 | RLBIE | 1 | Parent Customer ID | Reference Identifier | 0..1 | The reference identifier for the parent customer. Shall match the Customer ID in the Customer. | ADS Customer\_ Party. Parent. ADS Customer\_ Party |
| 15 | ASBIE | 1 | Physical Address | — | 1..1 | The address where the customer physically located. | ADS Customer\_ Party. Specified. ADS Physical\_ Address |
| 16 | BBIE | 2 | Line1 | Text | 1..1 | Line 1 of the customer's physical street address. | ADS Physical\_ Address. Line One. Text |
| 17 | BBIE | 2 | Line2 | Text | 0..1 | Line 2 of the customer's physical street address. | ADS Physical\_ Address. Line Two. Text |
| 18 | BBIE | 2 | City | Text | 1..1 | The physical city where the customer is located. | ADS Physical\_ Address. City Name. Text |
| 19 | BBIE | 2 | State Province Code | Code | 0..1 | The physical state or province where the customer is located (ISO 3166-2). | ADS Physical\_ Address. Country Sub-Division. Identifier |
| 20 | BBIE | 2 | Postal Code | Code | 1..1 | The postal code of the city where the customer is physically located. | ADS Physical\_ Address. Postcode. Code |
| 21 | BBIE | 2 | Country Code | Code | 1..1 | The country code where the customer is physically located (ISO 3166-1). | ADS Physical\_ Address. Country. Identifier |
| 22 | ASBIE | 1 | Billing Address | — | 1..1 | The address at which the bill will be sent to the customer. | ADS Customer\_ Party. Specified. ADS Billing\_ Address |
| 23 | BBIE | 2 | Billing Line1 | Text | 1..1 | Line 1 of the customer's billing address. | ADS Billing\_ Address. Line One. Text |
| 24 | BBIE | 2 | Billing Line2 | Text | 0..1 | Line 2 of the customer's billing address. | ADS Billing\_ Address. Line Two. Text |
| 25 | BBIE | 2 | Billing City | Text | 1..1 | The billing city of the customer. | ADS Billing\_ Address. City Name. Text |
| 26 | BBIE | 2 | Billing State Province Code | Code | 0..1 | The billing state or province of the customer (ISO 3166-2). | ADS Billing\_ Address. Country Sub-Division. Identifier |
| 27 | BBIE | 2 | Billing Postal Code | Code | 1..1 | The billing postal code of the customer's city. | ADS Billing\_ Address. Postcode. Code |
| 28 | BBIE | 2 | Billing Country Code | Code | 1..1 | The billing country code of the customer (ISO 3166-1). | ADS Billing\_ Address. Country. Identifier |
| 29 | ASBIE | 1 | Primary Contact | — | 0..1 | The primary contact for the customer. | ADS Customer\_ Party. Specified. Primary\_ Contact |
| 30 | BBIE | 2 | Primary Contact Name | Text | 1..1 | The name of the primary contact for the customer. | ADS Primary\_ Contact. Person Name. Text |
| 31 | BBIE | 2 | Primary Contact Phone | Text | 1..1 | The phone number of the primary contact for the customer. | ADS Primary\_ Contact. Telephone. Code |
| 32 | BBIE | 2 | Primary Contact Email | Text | 1..1 | The email address of the primary contact for the customer. | ADS Primary\_ Contact. Email. Code |
| 33 | ASBIE | 1 | Created Activity | — | 0..1 | The activity the record was created in the system. | ADS Customer\_ Party. Created\_ Specified. ADS Created\_ Activity |
| 34 | RLBIE | 2 | Created By | Reference Identifier | 1..1 | The reference identifier for the system user who created the record.  see 4.6.3.2.3 Table 65 | ADS Created\_ Activity. Performed By. ADS\_ System User |
| 35 | BBIE | 2 | Created Date | Date | 1..1 | The date the record was created in the system. This should be a system generated date (rather than user-created date), when possible. This is sometimes referred to as the creation date.  see 4.6.3.2.3 Table 65 | ADS Created\_ Activity. Occurred. Date |
| 36 | BBIE | 2 | Created Time | Time | 0..1 | The time this record was created into the system.  see 4.6.3.2.3 Table 65 | ADS Created\_ Activity. Occurred. Time |
| 37 | ASBIE | 1 | Approved Activity | — | 0..1 | The activity the record additions or changes was approved. | ADS Customer\_ Party. Approved\_ Specified. ADS Approved\_ Activity |
| 38 | RLBIE | 2 | Approved By | Reference Identifier | 1..1 | The reference identifier for the system user who approved the record additions or changes.  see 4.6.3.2.3 Table 62 | ADS Approved\_ Activity. Performed By. ADS\_ System User |
| 39 | BBIE | 2 | Approved Date | Date | 1..1 | The date the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS Approved\_ Activity. Occurred. Date |
| 40 | BBIE | 2 | Approved Time | Time | 0..1 | The time the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS Approved\_ Activity. Occurred. Time |
| 41 | ASBIE | 1 | Last Modified Activity | — | 0..1 | The activity the record was last modified. | ADS Customer\_ Party. Last modified Activity\_ Specified. ADS Last Modified\_ Activity |
| 42 | RLBIE | 2 | Last Modified By | Reference Identifier | 1..1 | The reference identifier for the system user who last modified the record.  see 4.6.3.2.3 Table 63 | ADS Last Modified\_ Activity. Performed By. ADS\_ System User |
| 43 | BBIE | 2 | Last Modified Date | Date | 1..1 | The date the record was last modified.  see 4.6.3.2.3 Table 63 | ADS Last Modified\_ Activity. Occurred. Date |
| 44 | BBIE | 2 | Last Modified Time | Time | 0..1 | The time the record was last modified.  see 4.6.3.2.3 Table 63 | ADS Last Modified\_ Activity. Occurred. Time |

##### Supplier

**Table 72** provides a list of Business Information Entities for Supplier Type.

Table 72 — Business Information Entities for Supplier Type

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Supplier Type | — | — | Detailed descriptions of the supplier type. | ADS Supplier\_ Type. Details |
| 1 | IDBIE | 1 | Supplier Type ID | Identifier | 1..1 | The unique identifier for the supplier type. | ADS Supplier\_ Type. Identification. Identifier |
| 2 | BBIE | 1 | Code | Code | 1..1 | The code of the supplier type.  EXAMPLE Using 004 to represent preferred suppliers, 005 to represent key suppliers, and 006 to represent common suppliers. | ADS Supplier\_ Type. Type. Code |
| 3 | BBIE | 1 | Name | Text | 1..1 | The name of the type categorized by the supplier attributes.  EXAMPLE Preferred supplier, key supplier and common supplier. | ADS Supplier\_ Type. Name. Text |
| 4 | RLBIE | 1 | Parent Supplier Type ID | Reference Identifier | 0..1 | The reference identifier for the parent supplier type. Shall match the Supplier Type ID in the Supplier Type.  EXAMPLE Raw material supplier is a parent type of iron supplier. | ADS Supplier \_ Code. Parent. ADS Supplier\_ Type |

**Table 73** provides a list of Business Information Entities for Supplier

Table 73 — Business Information Entities for Supplier

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Supplier | — | — | The essential and generic information of the suppliers. | ADS Supplier\_ Party. Details |
| 1 | IDBIE | 1 | Supplier ID | Identifier | 1..1 | The unique identifier for the supplier to whom payment is due or from whom unused credits have been applied. | ADS Supplier\_ Party. Identification. Identifier |
| 2 | BBIE | 1 | Account Number | Code | 1..1 | The account number of the supplier to whom payment is due or from whom unused credits have been applied. The number is usually generated by manual input or generated by the system. | ADS Supplier\_ Party. Account Number\_ Identification. Code |
| 3 | BBIE | 1 | Name | Text | 1..1 | The name of the supplier. | ADS Supplier\_ Party. Name. Text |
| 4 | BBIE | 1 | Abbreviation | Text | 0..1 | The abbreviation of the supplier's name. | ADS Supplier\_ Party. Abbrebiation. Text |
| 5 | BBIE | 1 | Tax Identification Number | Code | 0..1 | The supplier's tax identification number. The number is usually assigned by the tax regulator. | ADS Supplier\_ Party. Tax\_ Identification. Code |
| 6 | BBIE | 1 | Supplier Group | Text | 0..1 | Supplier group assignments when the organization segments the suppliers. | ADS Supplier\_ Party. Group. Text |
| 7 | BBIE | 1 | Inactive Date | Date | 0..1 | The date the supplier was declared inactive. For example, a supplier may become inactive due to exceeding credit limit, legal restrictions, contract termination or bankruptcy etc. | ADS Supplier\_ Party. Inactive\_ Specified. Date |
| 8 | BBIE | 1 | Transaction Credit Limit | Amount | 0..1 | The per invoice credit limit established for this supplier. | ADS Supplier\_ Party. Transaction Credit Limit\_ Specified. Amount |
| 9 | BBIE | 1 | Total Credit Limit | Amount | 0..1 | The credit limit for the total outstanding balance approved for the supplier. | ADS Supplier\_ Party. Total Credit Limit\_ Specified. Amount |
| 10 | BBIE | 1 | Terms Discount Percentage | Percentage | 0..1 | The discount percentage the supplier can provide if an invoice is paid before a certain number of days. In the flat file, terms are represented as integers to decimal place.  EXAMPLE 10% would be represented as 10. | ADS Supplier\_ Party. Terms Discount\_ Specified. Percentage |
| 11 | BBIE | 1 | Terms Discount Days | Numeric | 0..1 | The number of days from the invoice date the supplier provides for the customer to take advantage of discounted terms. Terms are represented as integers with no decimal places.  EXAMPLE 10 days would be represented as 10. | ADS Supplier\_ Party. Terms Discount Days\_ Specified. Numeric |
| 12 | BBIE | 1 | Terms Due Days | Numeric | 0..1 | The number of days allowed to meet the obligation before an invoice becomes overdue. | ADS Supplier\_ Party. Terms Due Days\_ Specified. Numeric |
| 13 | RLBIE | 1 | Supplier Type | Reference Identifier | 0..1 | The reference identifier for the supplier type. | ADS Supplier\_ Party. Corresponding. ADS Supplier\_ Type |
| 14 | RLBIE | 1 | Corresponding Customer | Reference Identifier | 0..1 | The reference identifier for the corresponding customer in case that the supplier is also a customer. Shall match the Customer Account ID in the Customer. Otherwise set NULL. | ADS Supplier\_ Party. Corresponding. ADS Customer\_ Party |
| 15 | RLBIE | 1 | Parent Supplier | Reference Identifier | 0..1 | The reference identifier for the parent supplier. | ADS Supplier\_ Party. Parent. ADS Supplier\_ Party |
| 16 | ASBIE | 1 | Physical Address | — | 1..1 | The address where the supplier physically located. | ADS Supplier\_ Party. Specified. ADS Physical\_ Address |
| 17 | BBIE | 2 | Line1 | Text | 1..1 | Line 1 of the supplier's physical street address. | ADS Physical\_ Address. Line One. Text |
| 18 | BBIE | 2 | Line2 | Text | 0..1 | Line 2 of the supplier's physical street address. | ADS Physical\_ Address. Line Two. Text |
| 19 | BBIE | 2 | City | String | 1..1 | The physical city where the supplier is located. | ADS Physical\_ Address. City Name. Text |
| 20 | BBIE | 2 | State Province Code | Code | 0..1 | The physical state or province where the supplier is located (ISO 3166-2). | ADS Physical\_ Address. Country Sub-Division. Identifier |
| 21 | BBIE | 2 | Postal Code | Code | 1..1 | The postal code of the city where the supplier is physically located. | ADS Physical\_ Address. Postcode. Code |
| 22 | BBIE | 2 | Country Code | Code | 1..1 | The country code where the supplier is physically located (ISO 3166-1). | ADS Physical\_ Address. Country. Identifier |
| 23 | ASBIE | 1 | Billing Address | — | 1..1 | The billing address of the  supplier. | ADS Supplier\_ Party. Specified. ADS Billing\_ Address |
| 24 | BBIE | 2 | Billing Line1 | Text | 1..1 | Line 1 of the supplier's billing address. | ADS Billing\_ Address. Line One. Text |
| 25 | BBIE | 2 | Billing Line2 | Text | 0..1 | Line 2 of the supplier's billing address. | ADS Billing\_ Address. Line Two. Text |
| 26 | BBIE | 2 | Billing City | Text | 1..1 | The billing city of the supplier. | ADS Billing\_ Address. City Name. Text |
| 27 | BBIE | 2 | Billing State Province Code | Code | 0..1 | The billing state or province of the supplier. (ISO 3166-2). | ADS Billing\_ Address. Country Sub-Division. Identifier |
| 28 | BBIE | 2 | Billing Postal Code | Code | 1..1 | The billing postal code of the supplier's city. | ADS Billing\_ Address. Postcode. Code |
| 29 | BBIE | 2 | Billing Country Code | Code | 1..1 | The billing country code of the supplier. (ISO 3166-1). | ADS Billing\_ Address. Country. Identifier |
| 30 | ASBIE | 1 | Primary Contact | — | 0..1 | The primary contact for  the supplier. | ADS Supplier\_ Party. Specified. ADS Primary\_ Contact |
| 31 | BBIE | 2 | Primary Contact Name | Text | 1..1 | The name of the primary contact for the supplier. | ADS Primary\_ Contact. Person Name. Text |
| 32 | BBIE | 2 | Primary Contact Phone | Text | 1..1 | The phone number of the primary contact for the supplier. | ADS Primary\_ Contact. Telephone. Code |
| 33 | BBIE | 2 | Primary Contact Email | Text | 1..1 | The email address of the primary contact for the supplier. | ADS Primary\_ Contact. Email. Code |
| 34 | ASBIE | 1 | Created Activity | — | 0..1 | The activity the record was created in the system. | ADS Supplier\_ Party. Created\_ Specified. ADS Created\_ Activity |
| 35 | RLBIE | 2 | Created By | Reference Identifier | 1..1 | The reference identifier for the system user who created the record.  see 4.6.3.2.3 Table 65 | ADS Created\_ Activity. Performed By. ADS\_ System User |
| 36 | BBIE | 2 | Created Date | Date | 1..1 | The date the record was created in the system. This should be a system generated date (rather than user-created date), when possible. This is sometimes referred to as the creation date.  see 4.6.3.2.3 Table 65 | ADS Created\_ Activity. Occurred. Date |
| 37 | BBIE | 2 | Created Time | Time | 0..1 | The time this record was created into the system.  see 4.6.3.2.3 Table 65 | ADS Created\_ Activity. Occurred. Time |
| 38 | ASBIE | 1 | Approved Activity | — | 0..1 | The activity the record additions or changes was approved. | ADS Customer\_ Party. Approved\_ Specified. ADS Approved\_ Activity |
| 39 | RLBIE | 2 | Approved By | Reference Identifier | 1..1 | The reference identifier for the system user who approved the record additions or changes.  see 4.6.3.2.3 Table 62 | ADS Approved\_ Activity. Performed By. ADS\_ System User |
| 40 | BBIE | 2 | Approved Date | Date | 1..1 | The date the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS Approved\_ Activity. Occurred. Date |
| 41 | BBIE | 2 | Approved Time | Time | 0..1 | The time the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS Approved\_ Activity. Occurred. Time |
| 42 | ASBIE | 1 | Last Modified Activity | — | 0..1 | The activity the record was last modified. | ADS Customer\_ Party. Last modified Activity\_ Specified. ADS Last Modified\_ Activity |
| 43 | RLBIE | 2 | Last Modified By | Reference Identifier | 1..1 | The reference identifier for the system user who last modified the record.  see 4.6.3.2.3 Table 63 | ADS Last Modified\_ Activity. Performed By. ADS\_ System User |
| 44 | BBIE | 2 | Last Modified Date | Date | 1..1 | The date the record was last modified.  see 4.6.3.2.3 Table 63 | ADS Last Modified\_ Activity. Occurred. Date |
| 45 | BBIE | 2 | Last Modified Time | Time | 0..1 | The time the record was last modified.  see 4.6.3.2.3 Table 63 | ADS Last Modified\_ Activity. Occurred. Time |

##### Chart of Accounts

**Table 74** provides a list of Business Information Entities for Chart of Accounts.

Table 74 — Business Information Entities for Chart of Accounts

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Chart of Accounts | — | — | The information about GL accounts, including name, description, type and hierarchy | ADS\_ Accounting Account. Details |
| 1 | IDBIE | 1 | GL Account Number | Identifier | 1..1 | The unique identifier for the Chart of Account. The GL account number. | ADS\_ Accounting Account. Identification. Identifier |
| 2 | BBIE | 1 | Name | Text | 1..1 | The name of the GL account. | Accounting Journal. Name. Text |
| 3 | BBIE | 1 | Description | Text | 0..1 | The label or description associated with the GL Account Number. | ADS\_ Accounting Account. Description. Text |
| 4 | BBIE | 1 | Financial Statement Caption | Text | 1..1 | The financial statement caption represents a related group of accounts. The caption can be at the trial balance level.  EXAMPLE Cash and cash equivalents, accounts payable and cost of sales. | ADS\_ Accounting Account. Financial Statement Caption. Text |
| 5 | BBIE | 1 | Type | Code | 1..1 | The type of account.  EXAMPLE Assets, liabilities, equity, revenues and expenses. | ADS\_ Accounting Account. Type. Code |
| 6 | BBIE | 1 | Sub Type | Code | 1..1 | The subtype of the account.  EXAMPLE Current assets are the subtype of assets. | ADS\_ Accounting Account. Sub Type. Code |
| 7 | BBIE | 1 | Hierarchy | Code | 0..1 | The corresponding level for account number in the account hierarchy.  EXAMPLE Using 1 to represent assets, and 2 to represent the account subtype current assets. | ADS\_ Accounting Account. Hierarchy. Code |
| 8 | BBIE | 1 | Balance Debit Or Credit | Indicator | 0..1 | This field is used to indicate whether the natural balance of the account is a debit or credit balance by indicating “D” or “C”, where assets and expenses have a natural balance of debit, and liabilities, equity and revenues have a natural balance of credit. | ADS\_ Accounting Account. Balance Normal Sign. Code |
| 9 | BBIE | 1 | Active Flag | Indicator | 0..1 | This indicates whether the GL account is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS\_ Accounting Account. Active. Indicator |
| 10 | RLBIE | 1 | Parent GL Account Number | Reference Identifier | 0..1 | The reference identifier for the parent account in an account hierarchy. This is provided to allow more than the predefined levels of the hierarchy in the Chart Of Accounts. When GL Account Number is the highest level, there is no Parent GL Account Number. | ADS\_ Accounting Account. Parent. ADS\_ Accounting Account |

##### Period

**Table 75** provides a list of Business Information Entities for Period.

This BIE captures the time range within a specific reporting period and year, in which business transactions and entries are accumulated into financial statements and other reports.

Table 75 — Business Information Entities for Period

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Period | — | — | The information related to accounting period including the corresponding fiscal year, the beginning and ending date | ADS\_ Fiscal Period. Details |
| 1 | IDBIE | 1 | Period ID | Identifier | 1..1 | The unique identifier for the Period. | ADS\_ Fiscal Period. Identification. Identifier |
| 2 | BBIE | 1 | Fiscal Year | Numeric | 1..1 | The fiscal year in which the calendar date occurs. The year shall be shown in four digits as “YYYY”, which is part of the extended format and the “YYYY-MM-DD” in ISO 8601-1. | ADS\_ Fiscal Period. Fiscal Year. Code |
| 3 | BBIE | 1 | Accounting Period | Code | 1..1 | The accounting period in which the calendar date occurs.  EXAMPLE W1–W53 for weekly periods, M1–M12 for monthly periods, Q1–Q4 for quarterly periods, and from any beginning date to any ending date. | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code |
| 4 | BBIE | 1 | Begining Date | Date | 1..1 | The calendar beginning date of the current accounting period. | ADS\_ Fiscal Period. Start. Date Time |
| 5 | BBIE | 1 | Ending Date | Date | 1..1 | The calendar ending date of the current accounting period. | ADS\_ Fiscal Period. End. Date Time |

##### Journal Entry Type

**Table 76** provides a list of Business Information Entities for Journal Entry Type.

Journal entry type is usually categorized by business to satisfy an internal control need and/or to facilitate sorting and querying; for example, journal entries could be classified based on whether the transaction involves cash. In this case there may be cash receipt entry, cash disbursement entry, and non-cash entry of adjusting that is the recording of interest revenue earned and wages payable, estimation that is the recording depreciation, and bad-debt expenses, and/or correction that makes entries to counteract the effects of errors found in the general ledger.

EXAMPLE Using 004 to represent a cash receipt entry, 005 to represent a cash disbursement entry, and 006 to represent a non-cash entry.

Table 76 — Business Information Entities for Journal Entry Type

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Journal Entry Type | — | — | The information relevant to the GL journal entry type is contained | ADS Journal Entry\_ Type. Detal |
| 1 | IDBIE | 1 | Journal Entry Type Code | Identifier | 1..1 | The unique identifier for the journal entry type. | ADS Journal Entry\_ Type. Identification. Identifier |
| 2 | BBIE | 1 | Name | Text | 1..1 | The name of the journal entry type. | ADS Journal Entry\_ Type. Name. text |
| 3 | BBIE | 1 | Abbreviation | Text | 0..1 | The abbreviation of the journal entry type. | ADS Journal Entry\_ Type. Abbreviation. Text |
| 4 | BBIE | 1 | Active Flag | indicator | 0..1 | This indicates whether the JE type is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS Journal Entry\_ Type. Active. Indicator |

##### Bill

**Table 77** provides a list of Business Information Entities for Bill Type.

Table 77 — Business Information Entities for Bill Type

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Bill Type | — | — | The information of bill type, for example, bank draft, commercial draft, promissory note and check are contained. | ADS Bill\_ Type. Detal |
| 1 | IDBIE | 1 | Bill Type Code | Identifier | 1..1 | The unique identifier for the bill type. The code of the bill type.  EXAMPLE Using 004 to represent bank draft, 005 to represent promissory note, and 006 to represent check. | ADS Bill\_ Type. Identification. Identifier |
| 2 | BBIE | 1 | Name | Text | 1..1 | The name of the bill type.  EXAMPLE Bank draft, commercial draft, promissory note and check. | ADS Blil\_ Type. Name. text |
| 3 | BBIE | 1 | Active Flag | Indicator | 0..1 | This indicates whether the bill type is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS Bill\_ Type. Active. Indicator |

**Table 78** provides a list of Business Information Entities for Bill.

Table 78 — Business Information Entities for Bill

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Bill | — | — | A voucher used in the business cycle of sales and purchase, as evidence of debt, payment and/or settlement instrument. | ADS\_ Voucher. Detal |
| 1 | IDBIE | 1 | Bill ID | Identifier | 1..1 | The unique identifier for the bill. | ADS\_ Voucher. Identification. Identifier |
| 2 | BBIE | 1 | Face Amount | Amount | 0..1 | The monetary value shown on the face of this voucher. | ADS\_ Voucher. Face. Amount |
| 3 | BBIE | 1 | Type Code | Code | 0..1 | The code specifying the type of voucher. | ADS\_ Voucher. Type. Code |
| 4 | BBIE | 1 | Issue Date | Date | 0..1 | The date, time, date time, or other date time value of the issue of this voucher. | ADS\_ Voucher. Issue. Date Time |
| 5 | BBIE | 1 | Issuing Company Name | Text | 0..1 | The name, expressed as text, of the company issuing this voucher. | ADS\_ Voucher. Issuing Company Name. Text |
| 6 | BBIE | 1 | Number | Text | 0..1 | The number, expressed as text, of this voucher. | ADS\_ Voucher. Number. Text |
| 6 | BBIE | 1 | Description | Text | 0..1 | The textual description of this voucher. | ADS\_ Voucher. Description. Text |

##### Settlement Method

**Table 79** provides a list of Business Information Entities for Settlement Method.

Businesses can adopt various methods to settle transactions and transfer money, especially in sales and purchase activities. Typical settlement methods include cash settlements, issuing bills, using credit cards, bank remittances and bank collections.

Table 79 — Business Information Entities for Settlement Method

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Settlement Method | — | — | The information on methods used to settle transactions. | ADS Settlement Method\_ Code. Details |
| 1 | IDBIE | 1 | Settlement Method Code | Identifier | 1..1 | The unique identifier for the settlement method. The code of the settlement method. Various methods can be used to settle transactions and transfer money; for example, 001 for cash, 002 for bills, 003 for credit card, 004 for remittance, and 005 for bank collection. | ADS Settlement Method\_ Code. Identification. Identifier |
| 2 | BBIE | 1 | Name | Text | 1..1 | The name of the settlement method.  EXAMPLE Cash settlement, issuing bills, credit card, bank remittance and bank collection. | ADS Settlement Method\_ Code. Name. Text |
| 3 | BBIE | 1 | Active Flag | Indicator | 0..1 | This indicates whether the settlement method is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS Settlement Method\_ Code. Active. indicator |

##### Currency

**Table 80** provides a list of Business Information Entities for Currency.

Table 80 — Business Information Entities for Currency

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Currency | — | — |  | ADS Currency\_ Code. Details |
| 1 | IDBIE | 1 | Currency Code | Identifier | 1..1 | The unique identifier for the currency. The code of the currency (ISO 4217). | ADS Currency\_ Code. Identification. Identifier |
| 2 | BBIE | 1 | Name | Text | 1..1 | The name of the currency in the accounting and/or ERP system. | ADS Currency\_ Code. Name. Text |
| 3 | BBIE | 1 | Minor Unita | Numeric | 0..1 | The unit of recorded value which is a division of the respective unit of currency. | ADS Currency\_ Code. Minor Unit \_ Specified. Numeric |
| 4 | BBIE | 1 | Active Flag | Indicator | 0..1 | This indicates whether Currency Code is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS Currency\_ Code. Active. Indicator |
| a Minor unit shows the decimal relationship between such unit and the currency itself (ISO 4217). Number 0 means that there is no minor unit for that currency, whereas number 1, 2, 3, etc. signify a ratio of 10:1, 100:1, 1 000:1, etc. respectively. The US cent is a one hundredth part of the US dollar; the GB penny is a one hundredth part of the pound sterling. The minor unit number for both is 2. | | | | | | | |

##### Price

**Table 81** provides a list of Business Information Entities for Price.

Table 81 — Business Information Entities for Price

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ACC | 0 | Price | — | — | A sum of money for which something is or may be bought or sold. | ADS\_ Price. Details |
| 1 | BCC | 1 | Type Code | Code | 0..1 | A code specifying the type of price. | ADS\_ Price. Type. Code |
| 2 | BCC | 1 | Charge Amount | Amount | 0..1 | A monetary value of a price charged. | ADS\_ Price. Charge. Amount |
| 3 | BCC | 1 | Basis Quantity | Quantity | 0..1 | A quantity on which the price is based. | ADS\_ Price. Basis. Quantity |
| 4 | BCC | 1 | Net Price Flag | Indicator | 0..1 | An indication of whether or not the price is a net price. | ADS\_ Price. Net Price. Indicator |
| 5 | BCC | 1 | Unit Amount | Amount | 1..1 | A monetary value of a unit price. | ADS\_ Price. Unit. Amount |
| 6 | BCC | 1 | Type | Text | 0..1 | A type of price, expressed as text. | ADS\_ Price. Type. Text |
| 7 | BCC | 1 | Information | Text | 0..1 | Information, expressed as text, about this price. | ADS\_ Price. Information. Text |
| 8 | ASCC | 1 | Validity Period | — | 0..1 | A period for which this price is valid. | ADS\_ Price. Validity. ADS\_ Fiscal Period |
| 9 | ASCC | 1 | Charged Tax | — | 0..1 | A tax included in this price. | ADS\_ Price. Charged. ADS\_ Tax |

##### Measurement Unit

**Table 82** provides a list of Business Information Entities for Measurement Unit.

Table 82 — Business Information Entities for Measurement Unit

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Measurement Unit | — | — | The information of the measurement unit. | ADS Measurement Unit\_ Code. Details |
| 1 | IDBIE | 1 | UOM Code | Identifier | 1..1 | The unique identifier for the measurement unit. The code of the measurement unit. | ADS Measurement Unit\_ Code. Identification. Identifier |
| 2 | BBIE | 1 | Name | Text | 1..1 | The name of the measurement unit for measuring the quantity of the material, etc. | ADS Measurement Unit\_ Code. Name. Text |
| 3 | BBIE | 1 | Abbreviation | Text | 1..1 | The abbreviation of the measurement unit's name.  EXAMPLE Kilogram is recorded as “kg” and square meter is recorded as “sq.m”. | ADS Measurement Unit\_ Code. Abbreviation. Text |
| 4 | BBIE | 1 | Active Flag | indicator | 0..1 | This indicates whether the UOM Code is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS Measurement Unit\_ Code. Active Flag. Indicator |

##### Tangible Item

**Table 83** provides a list of Business Information Entities for Product Group.

Table 84 — Business Information Entities for Product Group

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| 0 | ACC | 0 | Product Group | — | — | The grouping of products, such as for catalogue or regulatory purposes. | ADS\_ Product Group. Details |
| 1 | IDCC | 1 | Product Group ID | Identifier | 1..1 | An identifier for this product group. | ADS\_ Product Group. Identification. Identifier |
| 2 | BCC | 1 | Name | Text | 1..1 | A name, expressed as text, for this product group. | ADS\_ Product Group. Name. Text |
| 3 | ASCC | 1 | Trade Line Item | — | 0..n | A trade line item included in this product group. | ADS\_ Product Group. Included. ADS\_ Trade Line Item |

**Table 84** provides a list of Business Information Entities for Product Instance.

Table 84 — Business Information Entities for Product Instance

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ACC | 0 | Product Instance | — | — | An instance of an individual product or batch of similar products produced by human or mechanical effort or by a natural process. | ADS\_ Product Instance. Details |
| 1 | IDCC | 1 | Product Instance ID | Identifier | 1..1 | A unique identifier for this product instance. | ADS\_ Product Instance. Identification. Identifier |
| 2 | BCC | 1 | Actual Quantity | Quantity | 0..1 | The actual quantity of this product instance. | ADS\_ Product Instance. Actual. Quantity |
| 6 | BCC | 1 | Name | Text | 0..1 | A name, expressed as text, for this product instance. | ADS\_ Product Instance. Name. Text |
| 7 | BCC | 1 | Use Code | Code | 0..1 | A code specifying the use of a product instance. | ADS\_ Product Instance. Use. Code |
| 8 | BCC | 1 | Use | Text | 0..1 | A use, expressed as text, for this product instance. | ADS\_ Product Instance. Use. Text |
| 10 | BCC | 1 | Manufactured. Date | Date | 0..1 | The date, time, date time, or other date time value when this product instance was manufactured. | ADS\_ Product Instance. Manufactured. Date Time |
| 11 | BCC | 1 | Model Year | Date | 0..1 | The date, time, date time, or other date time value of the model year of this product instance. | ADS\_ Product Instance. Model Year. Date Time |
| 12 | BCC | 1 | Physical State Code | Code | 0..1 | A code specifying the physical state of the product instance. | ADS\_ Product Instance. Physical State. Code |
| 15 | BCC | 1 | Owner Purchase Date | Date | 0..1 | A date, time, date time, or other date time value of purchase by the owner of this product instance. | ADS\_ Product Instance. Owner Purchase. Date Time |
| 16 | BCC | 1 | Purchased New Flag | Indicator | 0..1 | An indication of whether or not the product was purchased new for this product instance. | ADS\_ Product Instance. Purchased New. Indicator |
| 17 | BCC | 1 | Tax Exclude Unit Price | Unit Price | 0..1 | The unit price (excluding tax) in transaction currency. | ADS\_ Product Instance. Tax Exclude. Unit Price |
| 18 | BCC | 1 | Tax Include Unit Price | Unit Price | 0..1 | The unit price (including tax) in transaction currency. | ADS\_ Product Instance. Tax Include. Unit Price |
| 19 | BCC | 1 | Tax Exclude Amount | Amount | 0..1 | The amount (excluding tax) in transaction currency. | ADS\_ Product Instance. Tax Exclude. Amount |
| 20 | BCC | 1 | Tax Include Amount | Amount | 0..1 | The amount (including tax) in transaction currency. | ADS\_ Product Instance. Tax Include. Amount |
| 21 | ASCC | 1 | Certification Evidence Document | — | 0..n | A document providing evidence of certification for this product instance. | ADS\_ Product Instance. Certification Evidence. Document |
| 22 | ASCC | 1 | Inspection Document | — | 0..n | A document related to the inspection of this product instance. | ADS\_ Product Instance. Inspection. Document |
| 23 | ASCC | 1 | Inspection Event | — | 0..n | An inspection event for this product instance. | ADS\_ Product Instance. Inspection. Event |
| 24 | ASCC | 1 | Origin Location | — | 0..1 | A location of origin for this product instance. | ADS\_ Product Instance. Origin. Location |
| 25 | ASCC | 1 | Associated Document | — | 0..n | A document associated with this product instance. | ADS\_ Product Instance. Associated. Document |

**Table 85** provides a list of Business Information Entities for Product.

Table 85 — Business Information Entities for Product

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ACC | 0 | Product | — | — | Any tangible output or service produced by human or mechanical effort or by a natural process. | ADS\_ Product. Details |
| 1 | IDCC | 1 | Product ID | Identifier | 1..1 | A unique identifier for this product. | ADS\_ Product. Identification. Identifier |
| 3 | BCC | 1 | Name | Text | 0..1 | A name, expressed as text, for this product. | ADS\_ Product. Name. Text |
| 4 | BCC | 1 | Description | Text | 0..1 | A textual description for this product. | ADS\_ Product. Description. Text |
| 5 | BCC | 1 | Type Code | Code | 0..1 | A code specifying a type of product. | ADS\_ Product. Type. Code |
| 11 | BCC | 1 | Unit of Measurement Code | Code | 0..1 | A code specifying a measurement of a product. | ADS\_ Product. Measurement. Code |
| 12 | BCC | 1 | Group ID | Identifier | 0..1 | A unique identifier for a product group for this product. | ADS\_ Product. ADS\_ Product Group. Identifier |
| 16 | BCC | 1 | Tracking System ID | Identifier | 0..1 | An identifier for a tracking system of this product. | ADS\_ Product. Tracking System. Identifier |
| 18 | BCC | 1 | Serial Number Flag | Indicator | 0..1 | An indication of whether or not this product has a serial number. | ADS\_ Product. Serial Number. Indicator |
| 19 | BCC | 1 | Unit Quantity | Quantity | 0..1 | A number of units of this product. | ADS\_ Product. Unit. Quantity |
| 20 | BCC | 1 | Use | Text | 0..1 | A use, expressed as text, for this product. | ADS\_ Product. Use. Text |
| 22 | BCC | 1 | Designation | Text | 0..1 | A designation, expressed as text, for this product. | ADS\_ Product. Designation. Text |
| 25 | BCC | 1 | Name Type Code | Code | 0..1 | The code specifying the type of name of this product, such as common, registered, brand, fanciful. | ADS\_ Product. Name Type. Code |
| 26 | BCC | 1 | Usage Code | Code | 0..1 | A code specifying a usage for this product. | ADS\_ Product. Usage. Code |
| 27 | BCC | 1 | Description. Code | Code | 0..1 | A code specifying a description of this product. | ADS\_ Product. Description. Code |
| 28 | BBIE | 1 | Basic UOM Quantity | Quantity | 0..1 | The quantity of the by the basic measurement unit. | ADS\_ Product. Basic UOM. Quantity |
| 29 | RLBIE | 1 | Basic UOM Code | Reference Identifier | 0..1 | The code of the basic measurement unit, which cannot be further separated. | ADS\_ Product. Defined. ADSMeasurement Unit\_ Code |
| 30 | ASCC | 1 | Indivisual Product Instance | — | 0..1 | An individual product instance of this product. | ADS\_ Product. Individual. ADS\_ Product Instance |
| 31 | ASCC | 1 | Reference Document | — | 0..1 | A reference document for this product, such as a manual or a certificate. | ADS\_ Product. Reference. ADS\_ Document |
| 32 | ASCC | 1 | Applicable Total | — | 0..1 | An applicable total for this product. | ADS\_ Product. Applicable. Total |
| 33 | ASCC | 1 | Total Price | — | 0..1 | A total price for this product. | ADS\_ Product. Total. ADS\_ Price |
| 34 | ASCC | 1 | Product Group | — | 0..n | A product group specified for this product. | ADS\_ Product. Specified. ADS\_ Product Group |
| 35 | ASCC | 1 | Barcode Label | — | 0..n | A barcode label for this product. | ADS\_ Product. Barcode. Label |
| 36 | ASCC | 1 | Label | — | 0..n | A label specified for this product. | ADS\_ Product. Specified. Label |
| 37 | ASCC | 1 | Batch | — | 0..1 | A batch specified for this product. | ADS\_ Product. Specified. Batch |
| 38 | ASCC | 1 | Period | — | 0..1 | A period specified for this product. | ADS\_ Product. Specified. ADS\_ Fiscal Period |

##### Payment Term

**Table 86** provides a list of Business Information Entities for payment Term.

Table 86 — Business Information Entities for Payment Term

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Payment Term | — | — | The payment term refers to the condition of a sale / purchase agreement and is related to how the customer will pay (type of credit instrument), and especially how much time is allowed for payment (credit period) and discount (cash discount and discount period). | ADS Payment Term\_ Document. Details |
| 1 | IDBIE | 1 | Payment Term Code | Identifier | 1..1 | The code of the payment term.  EXAMPLE Terms of 2/10, net 60 could be quoted. This means that customers have 60 days from the invoice date to pay the full amount. However, if payment is made within 10 days, a 2 percent cash discount can be taken. | ADS Payment Term\_ Document. Identification. Identifier |
| 2 | BBIE | 1 | Name | Text | 1..1 | The full name of the payment term. | ADS Payment Term\_ Document. Name. Text |
| 3 | BBIE | 1 | Line Number | Numeric | 1..1 | The number of the lines according to the Payment Term Code value. This number is generated either by manual input or by the system. | ADS Payment Term\_ Document. Line Count. Numeric |
| 4 | BBIE | 1 | Line Description | Text | 1..1 | The detailed description of the payment term's line.  EXAMPLE Payment due date, discount days, and discount percentage. | ADS Payment Term\_ Document. Description. Text |
| 5 | BBIE | 1 | Active Flag | Indicator | 0..1 | This indicates whether the payment term is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS Payment Term\_ Document. Active. Indicator |

##### Project

**Table 87** provides a list of Business Information Entities for Project.

Projects are commonly administered separately and could be subject to being audited in accordance with regulatory and/or managerial requirements. The audit of a project is a thorough examination of the management, execution, methodology, procedures, records, budgets, expenditures and the degree of completion.

Table 87 — Business Information Entities for Project

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Project | — | — | The detailed information related to the project (e.g. construction project, government, business-funded research project) | ADS Project\_ List. Detail |
| 1 | IDBIE | 1 | Project ID | Identifier | 1..1 | The unique identifier for the project. | ADS Project\_ List. Identification. Identifier |
| 2 | BBIE | 1 | Project Code | Code | 1..1 | The code of the project. | ADS Project\_ List. Project. Code |
| 3 | BBIE | 1 | Name | Text | 1..1 | The name of the project related to operation and administration. | ADS Project\_ List. Name.Text |
| 4 | BBIE | 1 | Beginning Date | Date | 0..1 | The beginning date of the project. | ADS Project\_ List. Biginning. Date |
| 5 | BBIE | 1 | Ending Date | Date | 0..1 | The ending date of the project. | ADS Project\_ List. Ending. Date |
| 6 | BBIE | 1 | Active Flag | Indicator | 0..1 | This indicates whether the project is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS Project\_ List. Active. Indicator |

##### Bank Account

**Table 88** provides a list of Business Information Entities for Bank Account.

Table 88 — Business Information Entities for Bank Account

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Bank Account | — | — | The details of a bank account. | ADS Bank Account\_ List. |
| 1 | IDBIE | 1 | Bank Account Number | Identifier | 1..1 | The unique identifier for the bank account. The number of the account opened in institutions, for example, bank, financial institution and settlement center. ISO 13616 is recommended if applicable. | ADS Bank Account\_ List. Identification. Identifier |
| 2 | BBIE | 1 | Name | Text | 1..1 | The name of the account opened in institutions, for example, bank, financial institution and settlement center. | ADS Bank Account\_ List. Name. Text |
| 3 | BBIE | 1 | Bank Code | Code | 1..1 | The code of the financial institution (ISO 9362 or ISO 17442). ISO 17442 is preferred. One reason is that bank branch identifier will not change due to location movement. | ADS Bank Account\_ List. Bank\_ Specified. Code |
| 4 | BBIE | 1 | Bank Name | Text | 1..1 | The full name of the institution, for example, bank, financial institution and settlement center. | ADS Bank Account\_ List. Bank Name\_ Specified. Text |
| 5 | BBIE | 1 | Branch Code | Code | 1..1 | The code of the institution's branch. | ADS Bank Account\_ List. Branch\_ Specified. Code |
| 6 | BBIE | 1 | Branch Name | Text | 1..1 | The full name of the institution's branch. | ADS Bank Account\_ List. Branch Name\_ Specified. Text |
| 7 | BBIE | 1 | Branch Country Code | Code | 0..1 | The country code where the branch is physically located (ISO 3166-1). | ADS Bank Account\_ List. Branch Country\_ Specified. Code |
| 8 | BBIE | 1 | Branch Region | Text | 0..1 | Sub-region within country; in the U.S., this would be a state; in Canada it would be a province. | ADS Bank Account\_ List. Branch Region\_ Specified. Text |
| 9 | BBIE | 1 | Active Flag | Indicator | 0..1 | This indicates whether the bank account is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS Bank Account\_ List. Active. Indicator |

##### Tax Regulatory

**Table 89** provides a list of Business Information Entities for Tax Regulatory.

Table 89 — Business Information Entities for Tax regulatory.

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Tax Regulatory | — | — | The regulatory information related to taxes, including regulator country, region, name and role. | ADS Tax Regulatory\_ Party. Details |
| 1 | IDBIE | 1 | Regulator Code | Code | 1..1 | The unique identifier for the tax regulatory. The code of the regulator or jurisdiction. | ADS Tax Regulatory\_ Party. Identification. Identifier |
| 3 | BBIE | 1 | Country Code | Code | 1..1 | The country code where the regulator is located (ISO 3166-1). | ADS Tax Regulatory\_ Party. Country\_ Specified. Code |
| 3 | BBIE | 1 | Region | Text | 1..1 | The sub-region within a country.  EXAMPLE In the U.S. this would be a state and in Canada this would be a province. | ADS Tax Regulatory\_ Party. Region\_ Specified. Text |
| 4 | BBIE | 1 | Name | Text | 1..1 | The name of the regulator for which tax is withheld or accrued. | ADS Tax Regulatory\_ Party. Name. Text |
| 5 | BBIE | 1 | Role | Text | 1..1 | The role of the regulator: federal, regional or local. | ADS Tax Regulatory\_ Party. Role. Text |
| 6 | BBIE | 1 | Tax Identification Number | Code | 1..1 | The Code assigned/generated by the regulator for the reporting organization to the regulator. | ADS Tax Regulatory\_ Party. Tax\_ Identification. Code |
| 7 | BBIE | 1 | Active Flag | Indicator | 1..1 | This indicates whether the Regulator is active or inactive.  EXAMPLE 1 is active and 0 is inactive. | ADS Tax Regulatory\_ Party. Active. Indicator |
| 8 | RLBIE | 1 | Payable GL Account Number | Reference Identifier | 1..1 | The reference identifier for the chart of accounts. The GL account number used to reflect amounts payable to the regulator. | ADS Tax Regulatory\_ Party. Payable. ADS\_ Accounting Account |
| 9 | RLBIE | 1 | Accrual GL Account Number | Reference Identifier | 1..1 | The reference identifier for the chart of accounts. The GL account used to reflect accruals due to the regulator. | ADS Tax Regulatory\_ Party. Accrual. ADS\_ Accounting Account |
| 10 | RLBIE | 1 | Expense GL Account Number | Reference Identifier | 1..1 | The reference identifier for the chart of accounts. The GL account used to reflect expense related to the regulator. | ADS Tax Regulatory\_ Party. Expense. ADS\_ Accounting Account |
| 11 | RLBIE | 1 | Reporting Organization | Reference Identifier | 1..1 | The reference identifier for the Business segment. The code of the reporting organization. | ADS Tax Regulatory\_ Party. Reporting. ADS Business Segment\_ Code |
| 12 | RLBIE | 1 | Business Segment [X]a | Reference Identifier | 1..1 | The reference identifier for the Business Segment.  A reserved field that shall be used for business segments/structures. | ADS Tax Regulatory\_ Party. [X]. ADS Business Segment\_ Code |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. | | | | | | | |

##### Tax Type

**Table 90** provides a list of Business Information Entities for Tax Type.

Tax types could be tax in country level, state level, county level or local level, or could be tax related to a transaction (e.g. sales tax, value added tax, tariff).

Table 90 — Business Information Entities for Tax Type

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Tax Type | — | — | The detailed information on the tax types used by the business | ADS Type-of\_ Tax. Detail |
| 1 | IDBIE | 1 | Tax Type Code | Identifier | 1..1 | The unique identifier for the tax type. A code used to refer to this tax type, used as a key or cross-reference in files.  EXAMPLE Using 004 to represent the income tax, 005 to represent the tariff, and 006 to represent the value added tax. | ADS Type-of\_ Tax. Identification. Identifier |
| 2 | BBIE | 1 | Code Description | Text | 1..1 | The description of the tax code, subdivision of the tax type.  EXAMPLE Lower percentage applicable for common goods. | ADS Type-of\_ Tax. Description. Text |
| 3 | BBIE | 1 | Type Name  (Category Code) | Code | 1..1 | The name of the tax type.  EXAMPLE Income tax, Tariff and Value added tax. | ADS Type-of\_ Tax. Category. Code |
| 4 | BBIE | 1 | Type Description | Text | 1..1 | The description of the tax type. | ADS Type-of\_ Tax. Type. Text |
| 5 | BBIE | 1 | Percentage | Percentage | 1..1 | Default percentage for this combination of tax type and tax code. Can as of the Extracted Date from Profile table. | ADS Type-of\_ Tax. Calculated. Rate |
| 6 | RLBIE | 1 | Regulator Code | Reference Identifier | 1..1 | The reference identifier for the Tax regulatory. The code of the regulator for this tax. | ADS Type-of\_ Tax. Regulator. ADS Tax Regulatory\_ Party |
| 7 | RLBIE | 1 | Business Segment [X]a | Reference Identifier | 1..1 | The reference identifier for the Business Segment.  A reserved field that shall be used for business segments/structures. | ADS Type-of\_ Tax. [X]. ADS Business Segment\_ Code |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. | | | | | | | |

##### Profile

**Table 91** provides a list of Business Information Entities for Profile.

This BIE contains information related to the profile of the data being collected. For example, when the financial data of 2016 from an auditee is extracted using SAP XXX ERP System in 2017.1.16, there should be a record with the Profile Name “XXX\_2016”, Fiscal Year “2016”, Developer Name “SAP”, Software Name “SAP\_S/4”, Software Version “2.0”, Functional Currency “CNY, Standard Version “ISO 21378”, Extracted Date “2017-01-16”.

Table 91 — Business Information Entities for Profile

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Profile | — | — | The industry and software version information. | ADS Profile\_ List. Detail |
| 1 | BBIE | 1 | Profile Number | Identifier | 1..1 | The unique identifier for the profile. The number of the current data collection. This number is generated either by manual input or by the system. | ADS Profile\_ List. Identification. identifier |
| 2 | BBIE | 1 | Profile Name | Text | 1..1 | The name of the current data collection. | ADS Profile\_ List. Profile Name\_ Specified. Text |
| 3 | BBIE | 1 | Fiscal Year | Numeric | 0..1 | The fiscal year in which the calendar date occurs. The date shall be shown as “YYYY-MM-DD” in the extended format and the YYYY indicates a four-digit year (ISO 8601-1). | ADS Profile\_ List. Fiscal Year\_ Specified. Numeric |
| 4 | BBIE | 1 | Accounting Entity | Text | 0..1 | The legal name of accounting entity. | ADS Profile\_ List. Accounting Entry\_ Specified. Text |
| 5 | BBIE | 1 | Industry | Text | 0..1 | The corresponding industry name under superior sector code. | ADS Profile\_ List. Industory\_ Specified. Text |
| 6 | BBIE | 1 | Developer Name | Text | 0..1 | The name of accounting and/or ERP system software developer. | ADS Profile\_ List. Developer Name\_ Specified. Text |
| 7 | BBIE | 1 | Software Name | Text | 0..1 | The name of accounting and/or ERP system software products. | ADS Profile\_ List. Software Name\_ Specified. text |
| 8 | BBIE | 1 | Software Version | Text | 0..1 | The accounting and/or ERP system software version. | ADS Profile\_ List. Software version\_ Specified. Text |
| 9 | RLBIE | 1 | Functional Currency Code | Reference Identifier | 0..1 | The reference identifier for the Currency. The functional or group currency used in accounting and/or ERP system software (ISO 4217). | ADS Profile\_ List. Functional Currency\_ Specified. Code |
| 10 | BBIE | 1 | Standard Version | Code | 0..1 | The standard issuing No of the standards with which the current output files are consistent.  EXAMPLE ISO 21378. | ADS Profile\_ List. Standard Version\_ Specified. Code |
| 11 | BBIE | 1 | Extracted Date | Date | 1..1 | The date of data extraction. | ADS Profile\_ List. Extracted\_ Specified. Date |
| 12 | BBIE | 1 | Time Zone | Code | 1..1 | The Time Zone indicates the difference between local time and UTC of day. The representation of the difference can be expressed in hours and minutes, or hours only. The Time Zone shall be shown as “±hh:mm in the extended format (ISO 8601-1).  EXAMPLE Newfoundland's time zone =-03:30, Beijing's time zone=+08:00. | ADS Profile\_ List. Time Zone\_ Specified. Code |
| 13 | RLBIE | 1 | Business Segment [X]a | Reference Identifier | 1..n | The reference identifier for the Business Segment.  A reserved field that shall be used for business segments/structures. | ADS Profile\_ List. [X]. ADS Business Segment\_ Code |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. | | | | | | | |

#### General Ledger

##### Overview

**Figure 8** shows the data flow and reference among documents. General ledger is the central document.

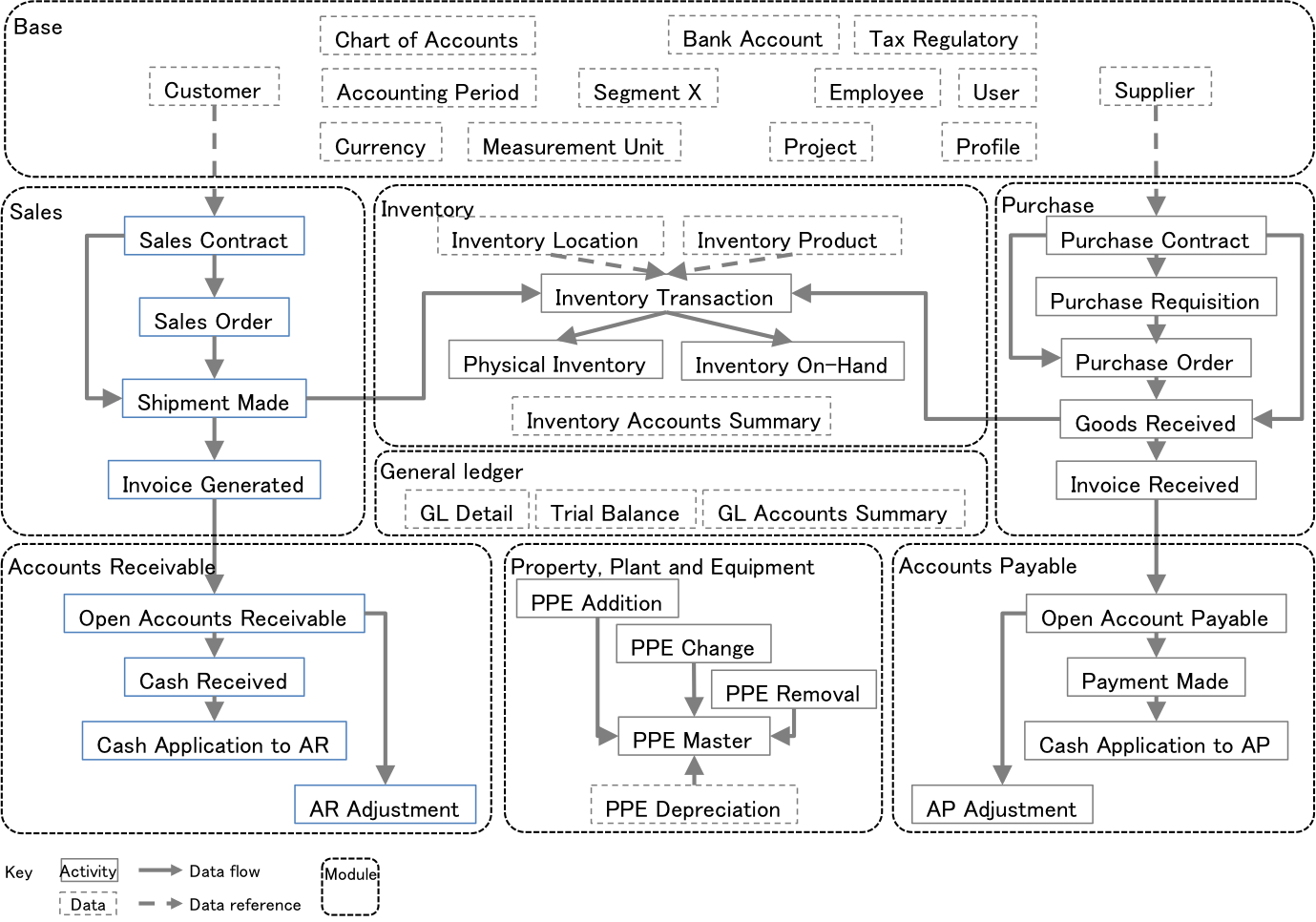


Figure 9 — Data flow and reference among documents

**Figure 10** illustrates document identifier relationships between modules. Solid square represents document and dashed rounded square represents module. Arrows between documents are presented in the form of directional association in UML class diagram.

時計 が含まれている画像

自動的に生成された説明

Key

|  |  |  |  |
| --- | --- | --- | --- |
| A Customer ID  B Sales Contract ID  D Sales Order ID  F Shipment ID  H Invoice ID  J AR Adjustment ID  L Receipt ID  X GL Detail ID | C Sales Contract Line ID  E Sales Order Line ID  G Shipping Document Line ID  I Invoice Line ID  K AR Adjustment Line ID  Y Source Code | AA Supplier  BB Purchase Contract ID  DD Purchase Order ID  FF Materials Receipt ID  HH Invoice ID  JJ AR Adjustment ID  LL Payment ID  NN Requisition Line ID | CC Purchase Contract Line ID  EE Purchase Order Line ID  GG Materials Receipt Line ID  II Invoice Line ID  KK AR Adjustment Line ID  MM Requisition ID |

Figure 10 — Relation among documents from GL

##### Trial Balance

**Table 92** provides a list of Business Information Entities for Trial Ballance. The Trial Balance shall contain the ending balances at a point in time. The Trial Balance should be extracted at the same time as the GL Details to prevent differences in transactions and balances.

Table 93 — Business Information Entities for Trial Ballance

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Trial Balance | — | — | All the ledger account balance information. | ADS\_ Trial Balance. Detail |
| 1 | BBIE | 1 | Trial Balance ID | Identifier | 1..1 | The unique identifer for the trial balance. | ADS\_ Trial Balance. Identification. identifier |
| 2 | RLBIE | 1 | GL Account Number | Reference Identifier | 1..1 | The reference identifier for ADS\_ Accounting Account. | ADS\_ Trial Balance. Defined. ADS\_ Accounting Account |
| 3 | BBIE | 1 | Balance As Of Datea | Date | 1..1 | The date through which the provided balance reflects account activity. | ADS\_ Trial Balance. Balance As Of. Date |
| 4 | ASBIE | 1 | Period | — | 1..1 | Accounting period in which the Balance As Of Date occurs. | ADS\_ Trial Balance. Defined. ADS\_ Fiscal Period |
| 5 | BBIE | 2 | Fiscal Year | Numeric | 1..1 | Fiscal year in which the Payment Date occurs  see 4.6.3.3.8 | ADS\_ Fiscal Period. Fiscal Year. Code |
| 6 | BBIE | 2 | Accounting Period | Code | 1..1 | Accounting period in which the Payment Date occurs.  see 4.6.3.3.8 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code |
| 7 | ASBIE | 1 | Begining Balance | — | 1..1 | Beginning balance amount of the period (same amount as the ending balance from the prior period). | ADS\_ Trial Balance. Defined. ADS Begining Balance\_ Monetary Value |
| 8 | BBIE | 2 | Beginning Functional Amount | Amount | 1..1 | The monetary value in the function currency.  see 4.6.3.2.2 Table 58 | ADS Begining Balance\_ Monetary Value. Functional Currency. Amount |
| 9 | BBIE | 2 | Beginning Reporting Amount | Amount | 0..1 | The monetary value in the accounting currency local to where the accounting records are required.  see 4.6.3.2.2 Table 58 | ADS Begining Balance\_ Monetary Value. Reporting Currency. Amount |
| 10 | BBIE | 2 | Beginning Local Amount | Amount | 0..1 | The monetary value in another currency, such as a reporting currency, a consolidation currency, or the euro transition period.  see 4.6.3.2.2 Table 58 | ADS Begining Balance\_ Monetary Value. Local Currency. Amount |
| 11 | BBIE | 2 | Beginning Transaction Amount | Amount | 0..1 | The monetary value in the voucher currency.  see 4.6.3.2.2 Table 58 | ADS Begining Balance\_ Monetary Value. Transaction Currency. Amount |
| 12 | ASBIE | 1 | Ending Balance | — | 1..1 | Ending balance amount of the period. | ADS\_ Trial Balance. Defined. ADS Ending Balance\_ Monetary Value |
| 13 | BBIE | 2 | Ending Functional Amount | Amount | 1..1 | The monetary value in the function currency.  see 4.6.3.2.2 Table 59 | ADS Ending Balance\_ Monetary Value. Functional Currency. Amount |
| 14 | BBIE | 2 | Ending Reporting Amount | Amount | 0..1 | The monetary value in the accounting currency local to where the accounting records are required.  see 4.6.3.2.2 Table 59 | ADS Ending Balance\_ Monetary Value. Reporting Currency. Amount |
| 15 | BBIE | 2 | Ending Local Amount | Amount | 0..1 | The monetary value in another currency, such as a reporting currency, a consolidation currency, or the euro transition period.  see 4.6.3.2.2 Table 59 | ADS Ending Balance\_ Monetary Value. Local Currency. Amount |
| 16 | BBIE | 2 | Ending Transaction Amount | Amount | 0..1 | The monetary value in the voucher currency.  see 4.6.3.2.2 Table 59 | ADS Ending Balance\_ Monetary Value. Transaction Currency. Amount |
| 17 | RLBIE | 1 | Business Segment [X]b | Reference Identifier | 1..1 | The reference identifier for the Business Segment.  A reserved field that shall be used for business segments/structures. | ADS\_ Trial Balance. [X]. ADS Business Segment\_ Code |
| a If a report was run for activity through 20141231 on 20150122, the date recorded would be 20141231.  b X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. | | | | | | | |

##### GL Detail

**Table 93** provides a list of Business Information Entities for GL Detail. All of the journal entry details for each transaction are contained in GL Detail. For example, the associated journal entry ID, the associated account number, and the debits or credits associated with the journal entry line are contained.

Table 93 — Business Information Entities for GL Detail

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | GL Detail | — | — | All of the journal entry details for each transaction. | ADS\_ Accounting Entry. Detail |
| 1 | IDBIE | 1 | Journal ID | Identifier | 1..1 | The unique identifier for the GL Detail. The ID for each journal entry line item. | ADS\_ Accounting Entry. Identification. Identifier |
| 2 | BBIE | 1 | Effective Date | Date | 1..1 | Date of the journal entry, no matter when the entry is received or created. This sometimes refers to the accounting date or accounting effective date.  EXAMPLE If the user wants to see the financial results for the period ending March 5, 20X1, the journal entry may be created on any day during the open period and be assigned to the period ending March 5, 20X1. | ADS\_ Accounting Entry. Effective. Date |
| 3 | BBIE | 1 | Header Description | Text | 1..1 | Description of the entire journal entry as described by the journal entry header. | ADS\_ Accounting Entry. Description.Text |
| 4 | BBIE | 1 | Journal Number | Identifier | 1..1 | Number of the line within a journal entry. This number is generated either by manual input or by the system. | ADS\_ Accounting Entry. Journal Identifier |
| 5 | BBIE | 1 | Line Number | Identifier | 1..1 | The number of each line within a journal entry. | ADS\_ Accounting Entry. Line. Numeric |
| 6 | RLBIE | 1 | Account Number | Reference Identifier | 1..1 | The reference identifier for the ADS\_ Accounting Account. The GL account number. | ADS\_ Accounting Entry. Specified. ADS\_ Accounting Account |
| 7 | BBIE | 1 | Debit Credit Indicator | Code | 1..1 | Indicates whether the amount is a credit or a debit. “C” = credit; “D” = debit. | ADS\_ Accounting Entry. Debit Credit. Indicator |
| 8 | BBIE | 1 | Source Code | Code | 1..1 | A code for source from which the journal entry originated. For example, sales journal, cash receipts journal, general journal, payroll journal, accountant manual entry, or spreadsheet. | ADS\_ Accounting Entry. Source. Code |
| 9 | RLBIE | 1 | Journal Entry Type Code | Reference Identifier | 0..1 | The reference identifier for the Journal Entry Type. | ADS\_ Accounting Entry. Defined. ADS Journal Entry\_ Type |
| 10 | RLBIE | 1 | Settlement Method Code | Reference Identifier | 0..1 | The reference identifier for the "Settlement Method" used for cash receipt from customers (i.e. sales) and cash payment to suppliers (i.e. purchase). | ADS\_ Accounting Entry. Defined. ADS Settlement Method\_ Code |
| 11 | BBIE | 1 | Cancellation Sign | Indicator | 0..1 | The sign of cancellation of a journal entry already formed but not yet posted. TRUE ("1") = entry is cancelled, FALSE ("0") = entry is not cancelled. | ADS\_ Accounting Entry. Cancellation. Indicator |
| 12 | BBIE | 1 | Line Description | Text | 1..1 | Description of the individual line within the journal entry. | ADS\_ Accounting Entry. Description. Text |
| 13 | BBIE | 1 | Reversal Indicator | Code | 1..1 | Indicates whether this entry is a reversal or to be reversed. “1” = entry is a reversal, “2” = entry is being reversed, and empty (“”) = none of the above or system generated indicators. | ADS\_ Accounting Entry. Reversal. Indicator |
| 14 | RLBIE | 1 | Reversal GL Detail ID | Reference Identifier | 0..1 | The reference identifier for the GL Detail ID of the entry being reversed. This shall be reported when the Reversal Indicator = 1. | ADS\_ Accounting Entry. Reversal. ADS\_ Accounting Entry |
| 15 | ASBIE | 1 | Period | — | 1..1 | Accounting period in which the “Effective Date” occurs. | ADS\_ Accounting Entry. Defined. ADS\_ Fiscal Period |
| 16 | BBIE | 2 | Fiscal Year | Numeric | 1..1 | Fiscal year in which the Payment Date occurs  see 4.6.3.3.8 | ADS\_ Fiscal Period. Fiscal Year. Code |
| 17 | BBIE | 2 | Accounting Period | Code | 1..1 | Accounting period in which the Payment Date occurs.  see 4.6.3.3.8 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code |
| 18 | ASBIE | 1 | Bill | — | 0..1 | A bill specified for this entry. | ADS\_ Accounting Entry. Specified. ADS\_ Voucher |
| 19 | IDBIE | 2 | Number | Code | 0..1 | see 4.6.3.3.10 | ADS\_ Voucher. Identification. Identifier |
| 20 | BBIE | 2 | Type | Code | 0..1 | see 4.6.3.3.10 | ADS\_ Voucher. Type. Code |
| 21 | BBIE | 2 | Date | Date | 1..1 | see 4.6.3.3.10 | ADS\_ Voucher. Issue. Date Time |
| 22 | ASBIE | 1 | Product | — | 0..1 | A product specified for this entry. | ADS\_ Accounting Entry. Specified. ADS\_ Product |
| 23 | BBIE | 2 | Unit Quantity | Quantity | 0..1 | see 4.6.3.3.15 | ADS\_ Product. Unit. Quantity |
| 24 | ASBIE | 2 | Total Price | — | 1..1 | see 4.6.3.3.15 | ADS\_ Product. Total. ADS\_ Price |
| 25 | BBIE | 3 | Unit Amount | Unit Price | 1..1 | see 4.6.3.3.15 | ADS\_ Price. Unit. Amount |
| 26 | ASBIE | 1 | Amount Value | — | 0..1 | The material or monetary worth of a thing that is associated with GL Detail. | ADS\_ Accounting Entry. Defined . ADS\_ Monetary Value |
| 27 | BBIE | 2 | Functional Amount | Amount | 1..1 | The monetary value in the function currency.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Functional Currency. Amount |
| 28 | BBIE | 2 | Local Amount | Amount | 0..1 | The monetary value in the accounting currency local to where the accounting records are required.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Local Currency. Amount |
| 29 | BBIE | 2 | Reporting Amount | Amount | 0..1 | The monetary value in another currency, such as a reporting currency, a consolidation currency, or the euro transition period.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Reporting Currency. Amount |
| 30 | BBIE | 2 | Transaction Amount | Amount | 0..1 | The monetary value in the voucher currency.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Transaction Currency. Amount |
| 31 | ASBIE | 1 | Entered Activity | — | 1..1 | A thing that a person does or has done. A type of activity is "Entered". | ADS\_ Accounting Entry. Specified. ADS Entered\_ Activity |
| 32 | RLBIE | 2 | Entered By | Reference Identifier | 1..1 | see 4.6.3.2.3 Table 61 | ADS\_ Entered\_ Activity. Performed By. ADS\_ System User |
| 33 | BBIE | 2 | Entered Date | Date | 1..1 | see 4.6.3.2.3 Table 61 | ADS\_ Entered\_ Activity. Occurred. Date |
| 34 | BBIE | 2 | Entered Time | Time | 0..1 | see 4.6.3.2.3 Table 61 | ADS\_ Entered\_ Activity. Occurred. Time |
| 35 | ASBIE | 1 | Approved Activity | — | 0..1 | The activity the record additions or changes was approved. | ADS\_ Accounting Entry. Specified. ADS Approved\_ Activity |
| 36 | RLBIE | 2 | Approved By | Reference Identifier | 0..1 | The reference identifier for the system user who approved the record additions or changes.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User |
| 37 | BBIE | 2 | Approved Date | Date | 1..1 | The date the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Date |
| 38 | ASBIE | 1 | Posted Activity | — | 0..1 | A thing that a person does or has done. A type of activity is " Posted ". | ADS\_ Accounting Entry. Specified. ADS Posted \_ Activity |
| 39 | RLBIE | 2 | Posted By | Reference Identifier | 0..1 | see 4.6.3.2.3 Table 64 | ADS\_ Posted\_ Activity. Performed By. ADS\_ System User |
| 40 | RLBIE | 1 | Account Segment Employeea | Reference Identifier | 0..1 | The reference identifier for the Employee. | ADS\_ Accounting Entry. Account Segment. ADS\_ Employee |
| 41 | RLBIE | 1 | Account Segment Projectb | Reference Identifier | 0..1 | The reference identifier for the Project. | ADS\_ Accounting Entry. Account Segment. ADS\_ Project |
| 42 | RLBIE | 1 | Account Segment Bank Accountc | Reference Identifier | 0..1 | The reference identifier for the Bank Account. | ADS\_ Accounting Entry. Account Segment. ADS\_ Bank Account |
| 43 | RLBIE | 1 | Account Segment [X]d | Reference Identifier | 0..1 | The reference identifier that may be used for supplementary data associated with particular account. | ADS\_ Accounting Entry. Account Segment. [X] |
| 44 | RLBIE | 1 | Business Segment [Y]e | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS\_ Accounting Entry. [Y]. ADS Business Segment |
| a A fixed account segment, recording data related to certain employee, which needs to be accounted for and will be used for auditing purpose, for example, loan to corporate officers.  b A fixed account segment, recording data related to certain project, which needs to be accounted for and will be used for auditing purpose, for example, construction projects which require a separate accounting.  c A fixed account segment, recording data related to bank accounts.  d The value X shall be replaced with Corresponding Class.  e Y indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments/structures. | | | | | | | |

##### GL Source

TBD

##### Account Segment

TBD

##### Accounts Period Balance

TBD

#### Order to Cash

##### Overview

ダイアグラム, 概略図

自動的に生成された説明

Key

|  |  |  |  |
| --- | --- | --- | --- |
| A Customer ID  B Sales Contract ID  D Sales Order ID  F Shipment ID  H Invoice ID  J AR Adjustment ID  L Receipt ID  X GL Detail ID | C Sales Contract Line ID  E Sales Order Line ID  G Shipping Document Line ID  I Invoice Line ID  K AR Adjustment Line ID |  |  |

Figure 11 — Relation among documents from AR and sales

##### Sales Contract

TBD

##### Sales Order

TBD

##### Shipment Made

TBD

##### Invoice Generated

TBD

##### Open Accounts Receivable

TBD

##### Cash Received

TBD

##### Received Cash Application

TBD

##### Accounts Receivable Adjustment

TBD

#### Purchase to Pay

##### Overview

ダイアグラム

自動的に生成された説明

Key

|  |  |
| --- | --- |
| AA Supplier  BB Purchase Contract ID  DD Purchase Order ID  FF Materials Receipt ID  HH Invoice ID  JJ AR Adjustment ID  LL Payment ID  NN Requisition Line ID | CC Purchase Contract Line ID  EE Purchase Order Line ID  GG Materials Receipt Line ID  II Invoice Line ID  KK AR Adjustment Line ID  MM Requisition ID  X GL Detail ID |

Figure 12 — Relation among documents from AP and purchase

##### Purchase Contract

**Table 94** provides a list of Business Information Entities for Purchase Contract Header.

Purchase contracts placed during the period under review. In situations where companies only require purchase orders, the purchase contract(s) may not always be available.

Table 95 — Business Information Entities for Purchase Contract Header

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Purchase Contract | — | — | Summary information of purchase contracts placed during the period under review | ADS Purchase\_ Contract. Details |
| 1 | IDBIE | 1 | Purchase Contract ID | Identifier | 1..1 | Unique identifier for the purchase contract. | ADS Purchase\_ Contract. Identification. Identifier |
| 2 | BBIE | 1 | Purchase Contract Number | Text | 1..1 | Number of the purchase contract. | ADS Purchase\_ Contract. Contract Number\_ Name. Text |
| 3 | BBIE | 1 | Contract Type Name | Code | 1..1 | Name of the contract type used in purchase activities.  EXAMPLE Business agreement, quantity contract, value contract, price contract. | ADS Purchase\_ Contract. Contract Type\_ Name. Text |
| 4 | RLBIE | 1 | Purchase Organization | Reference Identifier | 1..1 | The purchase organization that signed the contract. | ADS Purchase\_ Contract. Purchase Organization. ADS\_ Business Segment |
| 5 | RLBIE | 1 | Purchaser | Reference Identifier | 1..1 | The person who is responsible for purchase contracts. | ADS Purchase\_ Contract. Purchaser. ADS\_ Employee |
| 6 | BBIE | 1 | Contract Beginning Date | Date | 1..1 | Beginning date of the contract. | ADS Purchase\_ Contract. Start. Date |
| 7 | BBIE | 1 | Contract Ending Date | Date | 1..1 | Ending date of the contract. | ADS Purchase\_ Contract. End. Date |
| 8 | RLBIE | 1 | Settlement Method | Reference Identifier | 0..1 | The reference identifier for the settlement method code.  Code value or indicator for the method by which the transaction debit or credit amount was settled or apportioned by the customer or the supplier.  EXAMPLE Check, wire transfer, cash. | ADS Purchase\_ Contract. Specified. ADS Settlement Method\_ Code |
| 9 | RLBIE | 1 | Payment Term | Reference Identifier | 0..1 | The reference identifier for the Payment term.Code for the payment term.  EXAMPLE Cash on delivery, payment 30 days after delivery date. | ADS Purchase\_ Contract. Specified. ADS Payment Term\_ Document |
| 10 | BBIE | 1 | Transaction Currency Code | Code | 1..1 | Transactional currency specified in the contract (in accordance with ISO 4217). | TBD |
| 11 | BBIE | 1 | Status | Code | 1..1 | Status of the purchase contract recorded at the moment. Different ERP vendors have different content for this information output.  EXAMPLE New, save, submit, approved, frozen. | ADS Purchase\_ Contract. Status. Code |
| 12 | BBIE | 1 | Remark | Text | 0..1 | Free-form text description. | ADS Purchase\_ Contract. Information. Text |
| 13 | RLBIE | 2 | Supplier | Reference Identifier | 1..1 | The supplier in the purchase contract. | ADS Purchase\_ Contract. Seller. ADS Supplier\_ Party |
| 14 | ASBIE | 1 | Created Activity | — | 1..1 | The activity the record was created in the system. | ADS Purchase\_ Contract. Specified. ADS Created\_ Activity |
| 15 | RLBIE | 2 | Created By | Reference Identifier | 1..1 | The reference identifier for the system user who created the record.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User |
| 16 | BBIE | 2 | Created Date | Date | 1..1 | The date the record was created in the system. This should be a system generated date (rather than user-created date), when possible. This is sometimes referred to as the creation date.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Date |
| 17 | ASBIE | 1 | Approved Activity | — | 0..1 | The activity the record additions or changes was approved. | ADS Purchase\_ Contract. Specified. ADS Approved\_ Activity |
| 18 | RLBIE | 2 | Approved By | Reference Identifier | 1..1 | The reference identifier for the system user who approved the record additions or changes.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User |
| 19 | RLBIE | 1 | Business Segment [X]a | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Purchase\_ Contract. [X]. ADS Business Segment\_ Code |
| 20 | ASBIE | 1 | Purchase Contract Line Item | — | 0..n | Line item details for the purchase contracts | ADS Purchase\_ Contract. Defined. ADS Purchase\_ Contract Line Item. |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments/structures. | | | | | | | |

**Table 95** provides a list of Business Information Entities for Purchase Contract Line Item.

Each line includes material, quantity, supplier, price per unit and trading amount. The file will record for each contract line item.

Table 95 — Business Information Entities for Purchase Contract Line Item

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Purchase Contract Line Item | — | — | Line item details for the purchase contracts | ADS Purchase\_ Contract Line Item. |
| 1 | RLBIE | 1 | Purchase Contract ID | Reference Identifier | 1..1 | The reference identifier for the heder contract. | ADS Purchase\_ Contract Line Item.Header. ADS Purchase\_ Contract |
| 2 | IDBIE | 1 | Purchase Contract Line ID | Identifier | 1..1 | Unique identifier for the purchase contract line.  One purchase contract may contain more than one material and each material may be described by a line of the contract (e. g. including contract ID, date, serial number). | ADS Purchase\_ Contract Line Item. Identification. Identifier |
| 3 | BBIE | 1 | Line Number | Code | 0..1 | Number of a purchase contract line. This number is generated by manual input or is system-generated. | ADS Purchase\_ Contract Line Item. Line Number\_ Name. Text |
| 4 | RLBIE | 1 | Settlement Organizationa | Reference Identifier | 0..1 | The reference identifier for the Business sesgment. A code of the settlement organization. | ADS Purchase\_ Contract Line Item. Settlement. Business Segment |
| 5 | RLBIE | 1 | Receipt Organizationb | Reference Identifier | 1..1 | The reference identifier for the Business sesgment. A code of the receiving materials organization. | ADS Purchase\_ Contract Line Item. Receipt. Business Segment |
| 6 | RLBIE | 1 | Product ID | Reference Identifier | 1..1 | The purchased materials in the contract. | ADS Purchase\_ Contract Line Item. Purchased. ADS\_ Product |
| 7 | BBIE | 1 | Quantity | Quantity | 1..1 | The quantity of the purchased materials in the contract. | ADS Purchase\_ Contract Line Item. Defined. Quantity |
| 8 | BBIE | 1 | Tax Exclude Unit Price | Unit Price | 1..1 | Unit price (excluding tax) in the transaction currency. | ADS Purchase\_ Contract Line Item. Tax Excluded\_ Unit. Amount |
| 9 | BBIE | 1 | Tax Include Unit Price | Unit Price | 1..1 | Unit price (including tax) in the transaction currency. | ADS Purchase\_ Contract Line Item. Tax Included\_ Unit. Amount |
| 10 | BBIE | 1 | Tax Exclude Amount | Amount | 0..1 | Amount (excluding tax) in the transaction currency. | ADS Purchase\_ Contract Line Item. Tax Exclude\_ Actual. Amount |
| 11 | BBIE | 1 | Tax Include Amount | Amount | 0..1 | Amount (including tax) in the transaction currency. | ADS Purchase\_ Contract Line Item. Tax Include\_ Actual. Amount |
| 12 | ASBIE | 1 | Charged Tax | — | 0..n | Taxes levied | ADS Purchase\_ Contract Line Item. Charged. ADS\_ Tax |
| 13 | BBIE | 2 | Tax Type Code | Code | 0..1 | see 4.6.3.2.4 | ADS\_ Tax. Type. Code |
| 14 | BBIE | 2 | Tax Transaction Amount | Amount | 0..1 | see 4.6.3.2.4 | ADS\_ Tax. Calculated. Amount |
| 15 | BBIE | 1 | Status | Text | 0..1 | Status of the contract line.  This describes changes in the execution of the contract line item. Different states will affect the execution and control of the business.  EXAMPLE Termination, frozen, closed. | ADS Purchase\_ Contract Line Item. Status\_ Name. Text |
| 16 | RLBIE | 1 | Business Segment [X]c | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Purchase\_ Contract Line Item. [X]. ADS Business Segment\_ Code |
| a Organization of the payment can be different from the receiving organization. May be the purchase organization or the receipt organization.  b The receiving organization can be different from the settlement organization. The organization receiving materials may be a warehouse or an administration organization.  c X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments/structures. | | | | | | | |

##### Purchase Order

**Table 96** provides a list of Business Information Entities for Purchase Order Header.

Purchase orders are included in the three-way match procedures, which control the decision process for AP entries. The file will record for each purchase order.

Table 96— Business Information Entities for Purchase Order Header

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Purchase Order | — | — | Summary information of purchase orders placed during the period under review. | ADS Purchase Order\_ Trade Transaction. Details |
| 1 | IDBIE | 1 | Purchase Order ID | Identifier | 1..1 | The unique identifier for the purchase order. | ADS Purchase Order\_ Trade Transaction. Identification. Identifier |
| 2 | BBIE | 1 | Purchase Order Number | Text | 1..1 | The number of the purchase order. | ADS Purchase Order\_ Trade Transaction. Number\_ Information. Text |
| 3 | ASBIE | 1 | Period | — | 1..1 | Accounting period in which the Purchase Order Date occurs. | ADS Purchase Order\_ Trade Transaction. Defined. ADS\_ Fiscal Period |
| 4 | BBIE | 2 | Fiscal Year | Numeric | 1..1 | Fiscal year in which the Payment Date occurs  see 4.6.3.3.8 | ADS\_ Fiscal Period. Fiscal Year. Code |
| 5 | BBIE | 2 | Accounting Period | Code | 1..1 | Accounting period in which the Payment Date occurs.  see 4.6.3.3.8 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code |
| 6 | BBIE | 1 | Purchase Order Type | Code | 1..1 | The name of the order type in purchase activities.  EXAMPLE Ordinary purchasing, outsourcing parts and process outsourcing. | ADS Purchase Order\_ Trade Transaction. Type. Code |
| 7 | BBIE | 1 | Purchase Order Date | Date | 1..1 | The date of the purchase order regardless of the date the order is created. | ADS Purchase Order\_ Trade Transaction. Issue. Date Time |
| 8 | RLBIE | 1 | Purchase Organization ID | Reference Identifier | 1..1 | The reference identifier for the purchase organization which signed the order. | ADS Purchase Order\_ Trade Transaction. Purchase Organization. ADS\_ Business Segment |
| 9 | RLBIE | 1 | Purchaser ID | Reference Identifier | 0..1 | The reference identifier for the person who was responsible for purchase orders. | ADS Purchase Order\_ Trade Transaction. Purchaser. ADS\_ Employee |
| 10 | RLBIE | 1 | Supplier ID | Reference Identifier | 1..1 | The reference identifier for the supplier account in the purchase order. | ADS Purchase Order\_ Trade Transaction. Specified. ADS Supplier\_ Party |
| 11 | RLBIE | 1 | Settlement Method Code | Reference Identifier | 1..1 | The reference identifier for the method by which the transaction debit or credit amount was settled or apportioned by the customer or the supplier; for example, check, wire transfer and cash. | ADS Purchase Order\_ Trade Transaction. Specified. ADS Settlement Method\_ Code |
| 12 | RLBIE | 1 | Payment Term Code | Reference Identifier | 1..1 | The reference identifier for the payment term; for example, cash on delivery, payment 30 days after delivery date. | ADS Purchase Order\_ Trade Transaction. Specified. ADS Payment Term\_ Document |
| 14 | BBIE | 2 | Transaction Amount | Amount | 1..1 | The material or monetary worth of a thing that is associated with this purchase order. | ADS Purchase Order\_ Trade Transaction. Transaction Currency. Amount |
| 15 | ASBIE | 1 | Created Activity | — | 1..1 | The activity the record was created in the system. | ADS Purchase Order\_ Trade Transaction. Specified. ADS Created\_ Activity |
| 16 | RLBIE | 2 | Created By | Reference Identifier | 1..1 | The reference identifier for the system user who created the record.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User |
| 17 | BBIE | 2 | Created Date | Date | 1..1 | The date the record was created in the system. This should be a system generated date (rather than user-created date), when possible. This is sometimes referred to as the creation date.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Date |
| 18 | BBIE | 2 | Created Time | Time | 0..1 | The time this record was created into the system.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Time |
| 19 | ASBIE | 1 | Approved Activity | — | 0..1 | The activity the record additions or changes was approved. | ADS Purchase Order\_ Trade Transaction. Specified. ADS Approved\_ Activity |
| 20 | RLBIE | 2 | Approved By | Reference Identifier | 0..1 | The reference identifier for the system user who approved the record additions or changes.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User |
| 21 | BBIE | 2 | Approved Date | Date | 1..1 | The date the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Date |
| 22 | ASBIE | 1 | Last Modified Activity | — | 0..1 | The activity the record was last modified. | ADS Purchase Order\_ Trade Transaction. Specified. ADS Last Modified\_ Activity |
| 23 | RLBIE | 2 | Last Modified By | Reference Identifier | 0..1 | The reference identifier for the system user who last modified the record.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Performed By. ADS\_ System User |
| 24 | BBIE | 2 | Last Modified Date | Date | 1..1 | The date the record was last modified.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 25 | BBIE | 1 | Status | Code | 0..1 | The status of the purchase order.  EXAMPLE New, save, submit, approved and frozen. | ADS Purchase Order\_ Trade Transaction. Stattus. Code |
| 26 | BBIE | 1 | Remark | Text | 1..1 | Freeform text description. | ADS Purchase Order\_ Trade Transaction. Remark. Text |
| 27 | RLBIE | 1 | Business Segment [X]a | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Purchase Order\_ Trade Transaction. [X]. ADS Business Segment\_ Code |
| 0 | ASBIE | 1 | Purchase Order Line Item | — | 0..n | Line item details for purchase orders. | ADS Purchase Order\_ Trade Transaction. Defined. ADS Purchase Order\_ Trade Line Item. Detail |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments / structures. | | | | | | | |

**Table 97** provides a list of Business Information Entities for Purchase Order Line Item.

Each line includes material, quantity, due date, price per unit, trading amount, recipient, and settlement organization. The file will record for each purchase order line item. Multiple types of materials may be presented in one purchase order. Additionally, different settlement organizations may be assigned by each order line.

Table 97— Business Information Entities for Purchase Order Line Item

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Purchase Order Line Item | — | — | Line item details for purchase orders. | ADS Purchase Order\_ Trade Line Item. Detail |
| 1 | RLBIE | 1 | Purchase Order ID | Reference Identifier | 1..1 | The reference identifier for the purchase order. | ADS Purchase Order\_ Trade Line Item. Header. ADS Purchase Order\_ Trade Transaction |
| 2 | IDBIE | 1 | Purchase Order Line ID | Identifier | 1..1 | The unique identifier for a purchase order line. | ADS Purchase Order\_ Trade Line Item. Identification. Identifier |
| 3 | BBIE | 1 | Sequence Number | Numeric | 0..1 | The number of a purchase order line. This number is generated either by manual input or by the system. | ADS Purchase Order\_ Trade Line Item. Sequence. Numeric |
| 4 | RLBIE | 1 | Purchase Contract ID | Reference Identifier | 0..1 | The reference identifier for the purchase contract. | ADS Purchase Order\_ Trade Line Item. Defined. ADS Purchase\_ Contract |
| 5 | RLBIE | 1 | Purchase Contract Line ID | Reference Identifier | 0..1 | The reference identifier for a purchase contract line. | ADS Purchase Order\_ Trade Line Item. Defined. ADS Purchase\_ Contract Line Item |
| 6 | RLBIE | 1 | Requisition ID | Reference Identifier | 0..1 | The unique identifier for the material purchase requisition. | ADS Purchase Order\_ Trade Line Item. Defined. ADS Purchase Requisition\_ Trade Transaction |
| 7 | RLBIE | 1 | Requisition Line ID | Reference Identifier | 0..1 | The unique identifier for a material purchase requisition line. A requisition form may apply for purchasing one or more materials. Each material requisitioned should be described in a separate row. | ADS Purchase Order\_ Trade Line Item. Defined. ADS Purchase Requisition\_ Trade Line Item |
| 8 | RLBIE | 1 | Settlement Organization Codea | Reference Identifier | 0..1 | The unique code of the settlement organization. | ADS Purchase Order\_ Trade Line Item. Settlement Organization. ADS\_ Business Segment |
| 9 | RLBIE | 1 | Receipt Organization Codeb | Reference Identifier | 1..1 | The unique code of the receiving materials organization. | ADS Purchase Order\_ Trade Line Item. Receipt Organization. ADS\_ Business Segment |
| 10 | RLBIE | 1 | Project ID | Reference Identifier | 0..1 | The unique identifier for the project. | ADS Purchase Order\_ Trade Line Item. Defined. ADS Project\_ List |
| 11 | RLBIE | 2 | Product ID | Reference Identifier | 1..1 | The reference identifier for the product. | ADS Purchase Order\_ Trade Line Item. Defined. ADS\_ Product |
| 12 | BBIE | 1 | Due Date | Date | 1..1 | The last requested delivery of the purchased materials in the purchasing order. Completion of the delivery shall not be later than that date. | ADS Purchase Order\_ Trade Line Item. Due. Date |
| 13 | BBIE | 1 | Basic UOM Quantity | Quantity | 1..1 | The quantity of the materials in purchase order by the basic measurement unit. | ADS Purchase Order\_ Trade Line Item. Basic UOM. Quantity |
| 14 | BBIE | 1 | Order Quantity | Quantity | 1..1 | The quantity of the purchased materials in the purchase order. | ADS Purchase Order\_ Trade Line Item. Defined. Quantity |
| 15 | BBIE | 1 | Tax Excluded Unit Price | Unit Price | 1..1 | The unit price (excluding tax). | ADS Purchase Order\_ Trade Line Item. Tax Excluded. Unit Price |
| 16 | BBIE | 1 | Tax Excluded Unit Price | Unit Price | 1..1 | The unit price (including tax). | ADS Purchase Order\_ Trade Line Item. Tax Included. Unit Price |
| 17 | BBIE | 1 | Tax Exclude Amount | Amount | 1..1 | The amount (excluding tax). | ADS Purchase Order\_ Trade Line Item. Tax Excluded. Amount |
| 18 | BBIE | 1 | Tax Exclude Amount | Amount | 1..1 | The amount (including tax). | ADS Purchase Order\_ Trade Line Item. Tax Included. Amount |
| 19 | ASBIE | 1 | Charged Tax | — | 1..n | A tax charged.  see 4.6.3.2.4 Table 66 | ADS Purchase Order\_ Trade Line Item. Charged. ADS\_ Tax |
| 20 | BBIE | 2 | Tax Type Code | Code | 1..1 | A code specifying a type of tax, such as a code for a Value Added Tax (VAT) [Reference United Nations Code List (UNCL) 5153].  see 4.6.3.2.4 Table 66 | ADS\_ Tax. Type. Code |
| 21 | BBIE | 2 | Tax Transaction Amount | Amount | 1..1 | A monetary value resulting from the calculation of a tax.  see 4.6.3.2.4 Table 66 | ADS\_ Tax. Calculated. Amount |
| 22 | BBIE | 1 | Status | String | 0..1 | The status of a purchase order line. Describe changes in the execution of the order line item. Different status will affect the execution and control of the business.  EXAMPLE Termination, frozen and closed. | ADS Purchase Order\_ Trade Line Item. Status. Code |
| 23 | RLBIE | 1 | Business Segment [X]c | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Purchase Order\_ Trade Line Item. [X]. ADS Business Segment\_ Code |
| a Organization of the payment, can be different from the receiving organization. May be the purchase organization or the receipt organization.  b Receiving organization, can be different from the settlement organization. The organization receiving materials may be a warehouse or an administration organization.  c X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments / structures. | | | | | | | |

##### Material Received

**Table 98** provides a list of Business Information Entities for Material Received Header.

Materials received are included in the three-way match procedures, which control the decision process for Accounts Payable entries. Each line includes receipt ID and Number, receipt date, receipt amount, supplier information and currency type.

Table 98 — Business Information Entities for Matterial Received Header

| **No** | **BIE** | **D** | **Business Term** | **Semantic data type** | **0** | **Definition** | **Dictionary Entry Name** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Material Received | — | — | Summary information for shipments and shipment adjustments received against purchase orders during the period under review. | ADS Material Received\_ Trade Transaction. Detail |
| 1 | IDBIE | 1 | Receipt ID | Identifier | 1..1 | The unique identifier for the shipment receipt. | ADS Material Received\_ Trade Transaction. Identification. Identifier |
| 2 | BBIE | 1 | Receipt Number | Numeric | 1..1 | The number of the material receipt. | ADS Material Received\_ Trade Transaction. Receipt. Numeric |
| 3 | ASBIE | 1 | Period | — | 1..1 | Accounting period in which the Invoice Date occurs. | ADS Invoices Received\_ Trade Transaction. Defined. ADS\_ Fiscal Period |
| 4 | BBIE | 2 | Fiscal Year | Numeric | 1..1 | Fiscal year in which the Payment Date occurs  see 4.6.3.3.8 | ADS\_ Fiscal Period. Fiscal Year. Code |
| 5 | BBIE | 2 | Accounting Period | Code | 1..1 | Accounting period in which the Payment Date occurs.  see 4.6.3.3.8 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code |
| 5 | RLBIE | 1 | Receipt Organization Codea | Reference Identifier | 1..1 | The unique code of the receiving materials organization. | ADS Material Received\_ Trade Transaction. Receipt. ADS Business Segment\_ Code |
| 6 | BBIE | 1 | Receipt Date | Date | 1..1 | The date of the shipment receipt. | ADS Material Received\_ Trade Transaction. Receipt. Date |
| 7 | BBIE | 1 | Receipt Reference Number | Text | 1..1 | The number of the reference receipt. Company reference or logistics company official waybill number. | ADS Material Received\_ Trade Transaction. Receipt Reference. Numeric |
| 9 | BBIE | 1 | Transaction Amount | Amount | 1..1 | Monetary amount for the items in the receipt related to the purchase order in transaction currency. | ADS Material Received\_ Trade Transaction. Transaction Currency. Amount |
| 10 | BBIE | 1 | Shipping Method | Text | 1..1 | The transportation used for shipping (e.g. air, train, truck, hand delivered). | ADS Material Received\_ Trade Transaction. Shipping Method. Text |
| 11 | BBIE | 1 | Shipper | Text | 1..1 | The organisation or individual is responsible for shipping the goods (e.g. UPS, Federal Express). | ADS Material Received\_ Trade Transaction. Shipper. Text |
| 12 | BBIE | 1 | Adjustment Indicator | Indicator | 1..1 | If the transaction is the original receipt transaction, then 0; if the transaction is a receipt adjustment, then 1. | ADS Material Received\_ Trade Transaction. Adjustment. Indicator |
| 13 | BBIE | 1 | Adjustment Description | Text | 1..1 | If an adjustment was made to a receipt, a description should clarify the reason for the adjustment. | ADS Material Received\_ Trade Transaction. Adjustment. Text |
| 14 | RLBIE | 1 | Supplier ID | Reference Identifier | 1..1 | The unique identifier for the supplier to whom payment is due or from whom unused credits have been applied. | ADS Material Received\_ Trade Transaction. Specified. ADS Supplier\_ Party |
| 15 | RLBIE | 1 | Purchase Order ID | Reference Identifier | 0..1 | The unique identifier for the purchase order. | ADS Material Received\_ Trade Transaction. Specified. ADS Purchase Order\_ Trade Transaction |
| 19 | ASBIE | 1 | Created Activity | — | 1..1 | The activity the record was created in the system. | ADS Material Received\_ Trade Transaction. Specified. ADS Created\_ Activity |
| 20 | RLBIE | 2 | Created By | Reference Identifier | 1..1 | The reference identifier for the system user who created the record.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User |
| 21 | BBIE | 2 | Created Date | Date | 1..1 | The date the record was created in the system. This should be a system generated date (rather than user-created date), when possible. This is sometimes referred to as the creation date.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Date |
| 22 | BBIE | 2 | Created Time | Time | 0..1 | The time this record was created into the system.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Time |
| 23 | ASBIE | 1 | Approved Activity | — | 0..1 | The activity the record additions or changes was approved. | ADS Material Received\_ Trade Transaction. Specified. ADS Approved\_ Activity |
| 24 | RLBIE | 2 | Approved By | Reference Identifier | 1..1 | The reference identifier for the system user who approved the record additions or changes.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User |
| 25 | BBIE | 2 | Approved Date | Date | 1..1 | The date the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Date |
| 26 | BBIE | 2 | Approved Time | Time | 0..1 | The time the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Time |
| 27 | ASBIE | 1 | Last Modified Activity | — | 0..1 | The activity the record was last modified. | ADS Material Received\_ Trade Transaction. Specified. ADS Last Mofified\_ Activity |
| 28 | RLBIE | 2 | Last Modified By | Reference Identifier | 1..1 | The reference identifier for the system user who last modified the record.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Performed By. ADS\_ System User |
| 29 | BBIE | 2 | Last Modified Date | Date | 1..1 | The date the record was last modified.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 30 | BBIE | 2 | Last Modified Time | Time | 0..1 | The time the record was last modified.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 31 | RLBIE | 1 | Business Segment [X]b | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Material Received\_ Trade Transaction. [X]. ADS Business Segment\_ Code |
| 32 | ASBIE | 1 | Matterial Received Line Item | — | 0..n | Line item details for shipments and shipment adjustment. | ADS Material Received\_ Trade Transaction. Defined. ADS Material Received\_ Trade Line Item. Detail |
| a Receiving organization can be different from the settlement organization. The organization receiving materials may be a warehouse or an administration organization.  b X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments / structures. | | | | | | | |

**Table 99** provides a list of Business Information Entities for Material Received Line Item.

Each line includes materials received, measurement unit, price per unit, order amount and currency type.

Table 99 — Business Information Entities for Matterial Received Line Item

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Matterial Received Line Item | — | — | Line item details for shipments and shipment adjustment. | ADS Material Received\_ Trade Line Item. Detail |
| 1 | RLBIE | 1 | Material Received ID | Reference Identifier | 1..1 | The unique identifier for the shipment receipt. | ADS Material Received\_ Trade Line Item. Header. ADS Material Received\_ Trade Transaction |
| 2 | IDBIE | 1 | Material Received Line ID | Identifier | 1..1 | The unique identifier for a receipt line. | ADS Material Received\_ Trade Line Item.Identification. Identifier |
| 3 | BBIE | 1 | Line Number | Numeric | 0..1 | The number of a receipt line. | ADS Material Received\_ Trade Line Item. Sequence. Numeric |
| 4 | ASBIE | 1 | Product | — | 1..1 | The receipt product | ADS Material Received\_ Trade Line Item. Defined. ADS\_ Product |
| 5 | IDBIE | 2 | Product ID | Identifier | 1..1 | see 4.6.3.3.15 Table 85 | ADS\_ Product. Identification. Identifier |
| 6 | BBIE | 2 | Unit of Measurement Code | Code | 1..1 | see 4.6.3.3.15 Table 85 | ADS\_ Product. Measurement. Code |
| 7 | BBIE | 2 | Basic UOM Quantity | Quantity | 0..1 | see 4.6.3.3.15 Table 85 | ADS\_ Product. Basic UOM. Quantity |
| 8 | RLBIE | 2 | Receipt UOM Code | Reference Identifier | 0..1 | The code of the measurement unit recorded in receipt.  see 4.6.3.3.15 Table 85 | ADS\_ Product. Defined. ADSMeasurement Unit\_ Code |
| 9 | ASBIE | 2 | Indivisual Product Instance | — | 1..1 | The detailed data on this product instance.  see 4.6.3.3.15 Table 85 | ADS\_ Product. Individual. ADS\_ Product Instance |
| 10 | BBIE | 3 | Receipt Quantity | Quantity | 1..1 | The quantity of materials received recorded in the receipt.  see 4.6.3.3.15 Table 84 | ADS\_ Product Instance. Actual. Quantity |
| 11 | BBIE | 3 | Receipt Unit Price | Unit Price | 0..1 | Price per unit for item received (including tax).  see 4.6.3.3.15 Table 84 | ADS\_ Product Instance. Include. Unit Price |
| 12 | BBIE | 1 | Receipt Line Transaction Amount | Amount | 1..1 | Monetary amount for the line item in the receipt document related to the purchase order in transaction currency. | ADS Material Received\_ Trade Line Item. Transaction Currency. Amount |
| 13 | ASBIE | 1 | Purchase Order Line | — | 1..1 | The related purchase order line for this transaction line. | ADS Material Received\_ Trade Line Item. Defined. ADS Purchase Order\_ Trade Line Item |
| 14 | IDBIE | 2 | Purchase Order Line ID | Identifier | 1..1 | The unique identifier for a purchase order line. | ADS Purchase Order\_ Trade Line Item. Identification. Identifier |
| 15 | BBIE | 2 | Purchase Order Line Quantity | Quantity | 0..1 | The quantity of the urchase order line by the purchase measurement unit. | ADS Purchase Order\_ Trade Line Item. Defined. Quantity |
| 16 | BBIE | 2 | Purchase Order Line Unit Price | Unit Price | 0..1 | Purchase order line price per unit. | ADS Purchase Order\_ Trade Line Item. Tax Included. Unit Price |
| 17 | BBIE | 2 | Purchase Order Line Transaction Amount | Amount | 0..1 | Monetary amount for the line item in the purchase order related to the receipt shipping document in transaction currency. | ADS Purchase Order\_ Trade Line Item. Tax Excluded. Amount |
| 18 | RLBIE | 1 | Business Segment [X]a | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Material Received\_ Trade Line Item. [X]. ADS Business Segment\_ Code |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments / structures. | | | | | | | |

##### Invoices Received

**Table 101** provides a list of Business Information Entities for Invoice Received Header.

Invoices are included in the three-way match procedures, which control the decision process for AP entries. Each line includes invoice ID, invoice number, invoice date, supplier, invoice amount, currency type, tax type, tax amount, settle method and payment terms. The file will record for each invoice item.

Table 101 — Business Information Entities for Invoice Received Header

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Invoices Received | — | — | Summary information for the invoices received during the period under review. | ADS Invoices Received\_ Trade Transaction. Details |
| 1 | IDBIE | 1 | Invoice ID | Identifier | 1..1 | The unique identifier for the received invoice. | ADS Invoices Received\_ Trade Transaction. Identification. Identifier |
| 2 | BBIE | 1 | Invoice Number | Text | 1..1 | The number of the received invoice. | ADS Invoices Received\_ Trade Transaction. Number\_ Information. Text |
| 3 | ASBIE | 1 | Period | — | 1..1 | Accounting period in which the Invoice Date occurs. | ADS Invoices Received\_ Trade Transaction. Defined. ADS\_ Fiscal Period |
| 4 | BBIE | 2 | Fiscal Year | Numeric | 1..1 | Fiscal year in which the Payment Date occurs  see 4.6.3.3.8 | ADS\_ Fiscal Period. Fiscal Year. Code |
| 5 | BBIE | 2 | Accounting Period | Code | 1..1 | Accounting period in which the Payment Date occurs.  see 4.6.3.3.8 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code |
| 6 | BBIE | 1 | Official Invoice Code | Code | 0..1 | The unique official code of the received invoice, | ADS Invoices Received\_ Trade Transaction. Official. Code |
| 7 | BBIE | 1 | Invoice Type Name | Text | 1..1 | The name of the invoice type. The invoices are classified according to business content.  EXAMPLE Purchase invoice, purchase bill, payable adjustment and other payable. | ADS Invoices Received\_ Trade Transaction. Type. Text |
| 8 | BBIE | 1 | Invoice Date | Date | 1..1 | The date of the invoice, regardless of the date the invoice is created. This is the date from which the due date is calculated based on the invoice terms. | ADS Invoices Received\_ Trade Transaction. Point. Date |
| 9 | BBIE | 1 | Invoice Due Date | Date | 1..1 | The date that payment is due to the supplier. Not all transactions will have a due date; for example, credit memos. Aging of a payable is usually calculated based on this date. | ADS Invoices Received\_ Trade Transaction. Due. Date |
| 10 | RLBIE | 1 | Supplier ID | Reference Identifier | 1..1 | The reference identifier for the supplier to whom payment is due or from whom unused credits have been applied. | ADS Invoices Received\_ Trade Transaction. Specified. ADS Supplier\_ Party |
| 11 | RLBIE | 1 | Settlement Organization Code | Reference Identifier | 0..1 | The reference identifier for the settlement organization (Organization of the payment, can be different from the receiving organization). May be the purchase organization or the receipt organization. | ADS Invoices Received\_ Trade Transaction. Settlement Organization. ADS\_ Business Segment |
| 12 | RLBIE | 1 | Settlement Method Code | Reference Identifier | 1..1 | The reference identifier for the method by which the transaction debit or credit amount was settled or apportioned by the customer or the supplier; for example, check, wire transfer and cash. | ADS Invoices Received\_ Trade Transaction. Specified. ADS Settlement Method\_ Code |
| 13 | RLBIE | 1 | Payment Term Code | Reference Identifier | 1..1 | The reference identifier for the payment term.  EXAMPLE cash on delivery, payment 30 days after delivery date. | ADS Invoices Received\_ Trade Transaction. ADS Payment Term\_ Code |
| 14 | BBIE | 1 | Terms Discount Percentage | Percentage | 0..1 | The discount percentage can be provided if an invoice is paid before a certain number of days. In the flat file, terms are represented as integers to decimal. | ADS Invoices Received\_ Trade Transaction. Terms Discount. Percentage |
| 15 | BBIE | 1 | Terms Discount Days | Numeric | 0..1 | The number of days from the invoice date the supplier allows customer to take advantage of discounted terms. Terms are represented as integers with no decimal places. | ADS Invoices Received\_ Trade Transaction. Terms Discoubt Days. Numeric |
| 16 | BBIE | 1 | Terms Due Days | Numeric | 0..1 | The number of days allowed that the customer has to meet the obligation before an invoice becomes overdue. | ADS Invoices Received\_ Trade Transaction. Trms Due days. Numeric |
| 18 | BBIE | 1 | Transaction Amount | Amount | 1..1 | The material or monetary worth of a thing that is associated with this purchase order. | ADS Invoices Received\_ Trade Transaction. Transaction Currency. Amount |
| 19 | ASBIE | 1 | Created Activity | — | 1..1 | The activity the record was created in the system. | ADS Invoices Received\_ Trade Transaction. Specified. ADS Created\_ Activity |
| 20 | RLBIE | 2 | Created By | Reference Identifier | 1..1 | The reference identifier for the system user who created the record.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User |
| 21 | BBIE | 2 | Created Date | Date | 1..1 | The date the record was created in the system. This should be a system generated date (rather than user-created date), when possible. This is sometimes referred to as the creation date.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Date |
| 22 | BBIE | 2 | Created Time | Time | 0..1 | The time this record was created into the system.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Time |
| 23 | ASBIE | 1 | Approved Activity | — | 0..1 | The activity the record additions or changes was approved. | ADS Invoices Received\_ Trade Transaction. Specified. ADS Approved\_ Activity |
| 24 | RLBIE | 2 | Approved By | Reference Identifier | 1..1 | The reference identifier for the system user who approved the record additions or changes.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User |
| 25 | BBIE | 2 | Approved Date | Date | 1..1 | The date the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Date |
| 26 | BBIE | 2 | Approved Time | Time | 0..1 | The time the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Time |
| 27 | ASBIE | 1 | Last Modified Activity | — | 0..1 | The activity the record was last modified. | ADS Invoices Received\_ Trade Transaction. Specified. ADS Last Mofified\_ Activity |
| 28 | RLBIE | 2 | Last Modified By | Reference Identifier | 1..1 | The reference identifier for the system user who last modified the record.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Performed By. ADS\_ System User |
| 29 | BBIE | 2 | Last Modified Date | Date | 1..1 | The date the record was last modified.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 30 | BBIE | 2 | Last Modified Time | Time | 0..1 | The time the record was last modified.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 31 | BBIE | 1 | Grouping Code | Code | 0..1 | Grouping mechanism for related items in a batch or grouping of invoices.  EXAMPLE the invoice grouping found in certain ERP systems. | ADS Invoices Received\_ Trade Transaction. Grouping. Code |
| 32 | ASBIE | 1 | Charged Tax | — | 1..n | A levy or payment for the support of a government required of persons, groups, or businesses within the domain of that government. | ADS Invoices Received\_ Trade Transaction. Charged. ADS\_ Tax |
| 33 | BBIE | 2 | Tax Type Code | Code | 1..1 | see 4.6.3.2.4 Table 66 | ADS\_ Tax. Type. Code |
| 34 | BBIE | 2 | Tax Transaction Amount | Amount | 1..1 | see 4.6.3.2.4 Table 66 | ADS\_ Tax. Calculated. Amount |
| 36 | BBIE | 1 | Status | Code | 0..1 | The status of the received invoice.  EXAMPLE New, save, submit, approved and frozen. | ADS Invoices Received\_ Trade Transaction. Status. Code |
| 37 | BBIE | 1 | Remark | Text | 0..1 | Freeform text description. | ADS Invoices Received\_ Trade Transaction. Remark. Text |
| 38 | RLBIE | 1 | Business Segment [X]a | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Invoices Received\_ Trade Transaction. [X]. ADS Business Segment\_ Code |
| 39 | ASBIE | 1 | Invoices Received Line Item | — | 0..n | Line item details for invoices. | ADS Invoices Received\_ Trade Transaction. Defined. ADS Invoices Received\_ Trade Line Item. Detail |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments / structures. | | | | | | | |

**Table 101** provides a list of Business Information Entities for Invoice Received line Item.

Each line includes invoice line information on specific materials, measurement unit, price per unit, invoice amount, currency type, tax type code, and tax amount. The file will record for each invoice line item.

Table 101 — Business Information Entities for Invoice Received Line Item

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Invoices Received Line Item | — | — | Line item details for invoices. | ADS Invoices Received\_ Trade Line Item. Detail |
| 1 | RLBIE | 1 | Invoice ID | Reference Identifier | 1..1 | The unique identifier for the received invoices. | ADS Invoices Received\_ Trade Line Item. Header. ADS Invoices Received\_ Trade Transaction |
| 2 | IDBIE | 1 | Invoice Line ID | Identifier | 1..1 | The unique identifier for a received invoice line. | ADS Invoices Received\_ Trade Line Item. Identification. Identifier |
| 3 | BBIE | 1 | Sequence Number | Numeric | 0..1 | The number of a received invoice line. This number is generated either by manual input or by the system. | ADS Invoices Received\_ Trade Line Item. Sequence. Numeric |
| 4 | RLBIE | 1 | Purchase Order ID | Reference Identifier | 1..1 | The unique identifier for the purchase order. May be set to NULL if no transaction related purchase order. | ADS Invoices Received\_ Trade Line Item. Defined. ADS Purchase Order\_ Trade Transaction |
| 5 | RLBIE | 1 | Purchase Order Line ID | Reference Identifier | 1..1 | The unique identifier for a purchase order line. May be set to NULL if no transaction related purchase order. | ADS Invoices Received\_ Trade Line Item. Defined. ADS Purchase Order\_ Trade Line Item |
| 6 | ASBIE | 1 | Product | — | 1..1 | The product on received invoice line. | ADS Invoices Received\_ Trade Line Item. Defined. ADS\_ Product |
| 7 | IDBIE | 2 | Product ID | Identifier | 1..1 | see 4.6.3.3.15 Table 85 | ADS\_ Product. Identification. Identifier |
| 8 | BBIE | 2 | Unit of Measurement Code | Code | 1..1 | see 4.6.3.3.15 Table 85 | ADS\_ Product. Measurement. Code |
| 11 | BBIE | 2 | Basic UOM Quantity | Quantity | 0..1 | see 4.6.3.3.15 Table 85 | ADS\_ Product. Basic UOM. Quantity |
| 12 | RLBIE | 2 | Basic UOM Code | Reference Identifier | 0..1 | see 4.6.3.3.15 Table 85 | ADS\_ Product. Defined. ADSMeasurement Unit\_ Code |
| 9 | ASBIE | 2 | Indivisual Product Instance | — | 1..1 | The detailed data on this product instance.  see 4.6.3.3.15 Table 85 | ADS\_ Product. Individual. ADS\_ Product Instance |
| 10 | BBIE | 3 | Actual Quantity | Quantity | 1..1 | see 4.6.3.3.15 Table 84 | ADS\_ Product Instance. Actual. Quantity |
| 13 | BBIE | 3 | Tax Exclude Unit Price | Unit Price | 0..1 | see 4.6.3.3.15 Table 84 | ADS\_ Product Instance. Tax Exclude. Unit Price |
| 12 | BBIE | 3 | Tax Include Unit Price | Unit Price | 0..1 | see 4.6.3.3.15 Table 84 | ADS\_ Product Instance. Tax Include. Unit Price |
| 13 | BBIE | 3 | Tax Exclude Amount | Decimal | 0..1 | see 4.6.3.3.15 Table 84 | ADS\_ Product Instance. Tax Exclude. Amount |
| 14 | BBIE | 3 | Tax Include Amount | Decimal | 0..1 | see 4.6.3.3.15 Table 84 | ADS\_ Product Instance. Tax Include. Amount |
| 15 | BBIE | 1 | Transaction Amount | Decimal | 1..1 | The transaction monetary amount in transaction currency. | ADS Invoices Received\_ Trade Line Item. Transaction Currency. Amount |
| 16 | BBIE | 1 | Grouping Code | String | 0..1 | Grouping mechanism for related items in a batch or grouping of invoices; for example, the invoice grouping found in certain ERP systems. | ADS Invoices Received\_ Trade Line Item. Grouping. Code |
| 17 | ASBIE | 1 | Charged Tax | — | 1..n | A tax charged.  see 4.6.3.2.4 Table 66 | ADS Invoices Received\_ Trade Line Item. Charged. ADS\_ Tax |
| 18 | BBIE | 2 | Tax Type Code | Code | 1..1 | see 4.6.3.2.4 Table 66 | ADS\_ Tax. Type. Code |
| 19 | BBIE | 2 | Tax Transaction Amount | Amount | 1..1 | see 4.6.3.2.4 Table 66 | ADS\_ Tax. Calculated. Amount |
| 20 | RLBIE | 2 | Tax Debit Account Number | Reference Identifier | 0..1 | see 4.6.3.2.4 Table 66 | ADS\_ Tax. Debit. ADS\_ Accounting Account |
| 21 | RLBIE | 2 | Tax Credit Account Number | Reference Identifier | 0..1 | see 4.6.3.2.4 Table 66 | ADS\_ Tax. Credit. ADS\_ Accounting Account |
| 22 | RLBIE | 1 | GL Line Debit Account Number | Reference Identifier | 0..1 | The GL account number on which the debit side of the transaction has been posted. | ADS Invoices Received\_ Trade Line Item. Debit. ADS\_ Accounting Account |
| 23 | RLBIE | 1 | GL Line Credit Account Number | Reference Identifier | 0..1 | The GL account number on which the credit side of the transaction has been posted. | ADS Invoices Received\_ Trade Line Item. Credit. ADS\_ Accounting Account |
| 27 | RLBIE | 1 | Business Segment [X]a | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Invoice Received\_ Trade Line Item. [X]. ADS Business Segment\_ Code |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments / structures. | | | | | | | |

##### Open Accounts Payable

**Table 102** provides a list of Business Information Entities for Open Accounts Payable.

Table 102 — Business Information Entities for Open Accounts Payable

| No | BIE | D | Business Term | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Open Accounts Payable | — | — | Details regarding all open, unpaid, or unresolved payable transactions as of a specified date | ADS Open Accounts Payable\_ Trade Transaction. Detail |
| 1 | BBIE | 1 | Open Accounts Payable ID | Identifier | 1..1 | The unique identifier for the transaction of open accounts payable includes invoice and cash paid. | ADS Open Accounts Payable\_ Trade Transaction. |
| 2 | RLBIE | 1 | Invoice ID | Reference Identifier | 0..1 | The reference identifier for the received invoice, from which accounts payable is derived. May be not exist if adjustment is at supplier (not invoice) level. | ADS Open Accounts Payable\_ Trade Transaction. Derived. ADS\_ Invoice Received |
| 3 | RLBIE | 1 | Supplier ID | Reference Identifier | 1..1 | The reference identifier for the supplier to whom payment is expected or from whom unused credits have been applied. | ADS Open Accounts Payable\_ Trade Transaction. Defined. ADS Supplier\_ Party |
| 4 | RLBIE | 1 | Purchase Contract ID | Reference Identifier | 0..1 | The reference identifier for the purchase contract, on which the accounts payable are based. | ADS Open Accounts Payable\_ Trade Transaction. Based. ADS\_ Purchase Contract |
| 5 | RLBIE | 1 | Project ID | Reference Identifier | 0..1 | The reference identifier of the project on which the accounts payable are based. | ADS Open Accounts Payable\_ Trade Transaction. Based. ADS\_ Project |
| 6 | ASBIE | 1 | Period | — | 1..1 | Accounting period in which the Transaction Date occurs. | ADS Open Accounts Payable\_ Trade Transaction. ADS\_ Fiscal Period |
| 7 | BBIE | 2 | Fiscal Year | Numeric | 1..1 | Fiscal year in which the Transaction Date occurs  see 4.6.3.3.8 | ADS\_ Fiscal Period. Fiscal Year. Code |
| 8 | BBIE | 2 | Accounting Period | Code | 1..1 | Accounting period in which the Transaction Date occurs.  see 4.6.3.3.8 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code |
| 8 | BBIE | 1 | Transaction Date | Date | 1..1 | The date of the transaction, regardless of the date the transaction is created. This is the date from which the due date is calculated based on the invoice terms. | ADS Open Accounts Payable\_ Trade Transaction. Transaction. Date |
| 9 | RLBIE | 1 | Journal ID | Reference Identifier | 0..1 | The reference identifier for the journal entry. | ADS Open Accounts Payable\_ Trade Transaction. Defined. ADS\_ Accounting Entry |
| 10 | BBIE | 1 | Due Date | Date | 0..1 | The date payment is due from the supplier. Not all transactions will have a due date. If no due date, it may not exist; for example, credit memos. Aging of a receivable is usually calculated based on this date. | ADS Open Accounts Payable\_ Trade Transaction. Due. Date |
| 11 | BBIE | 1 | Reference Number | Numeric | 0..1 | The number of an internally or externally generated transaction.  EXAMPLE Check number, wire transfer number, or original document ID. | ADS Open Accounts Payable\_ Trade Transaction. Reference. Numeric |
| 12 | BBIE | 1 | Reference Date | Date | 0..1 | The date on an internally or externally generated transaction.  EXAMPLE Check date or wire transfer date. | ADS Open Accounts Payable\_ Trade Transaction. Reference. Date |
| 13 | ASBIE | 1 | Amount Value | — | 1..1 | The material or monetary worth of a thing that is associated with payable acccount.  see 4.6.3.2.2 Table 57 | ADS Open Accounts Payable\_ Trade Transaction. Defined. ADS\_ Monetary Value |
| 14 | BBIE | 2 | Functional Amount | Amount | 1..1 | The monetary value in the function currency.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Functional Currency. Amount |
| 15 | BBIE | 2 | Local Amount | Amount | 0..1 | The monetary value in the accounting currency local to where the accounting records are required.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Local Accounting Currency. Amount |
| 16 | BBIE | 2 | Reporting Amount | Amount | 0..1 | The monetary value in another currency, such as a reporting currency, a consolidation currency, or the euro transition period.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Reporting Currency. Amount |
| 17 | BBIE | 2 | Transaction Amount | Amount | 0..1 | The monetary value in the voucher currency.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Transaction Currency. Amount |
| 18 | ASBIE | 1 | Ballancea | — | 1..1 | The material or monetary worth of a thing that is associated with ballance.  see 4.6.3.2.2 Table 58 | ADS Open Accounts Payable\_ Trade Transaction. Defined. ADS Balance\_ Monetary Value |
| 19 | BBIE | 2 | Functional Ballance | Amount | 1..1 | The monetary value of the ballance in the function currency.  see 4.6.3.2.2 Table 58 | ADS Balance\_ Monetary Value. Functional Currency. Amount |
| 20 | BBIE | 2 | Local Ballance | Amount | 0..1 | The monetary value of the ballance in the accounting currency local to where the accounting records are required.  see 4.6.3.2.2 Table 58 | ADS Balance\_ Monetary Value. Local Accounting Currency. Amount |
| 21 | BBIE | 2 | Reporting Ballance | Amount | 0..1 | The monetary value of the ballance in another currency, such as a reporting currency, a consolidation currency, or the euro transition period.  see 4.6.3.2.2 Table 58 | ADS Balance\_ Monetary Value. Reporting Currency. Amount |
| 22 | BBIE | 2 | Transaction Ballance | Amount | 0..1 | The monetary value of the ballance in the voucher currency.  see 4.6.3.2.2 Table 58 | ADS Balance\_ Monetary Value. Transaction Currency. Amount |
| 23 | BBIE | 1 | Remark | Text | 0..1 | Freeform text description. | ADS Open Accounts Payable\_ Trade Transaction. Remark. TExt |
| 24 | BBIE | 1 | Grouping Code | Code | 0..1 | The code of grouping related items for different purposes. | ADS Open Accounts Payable\_ Trade Transaction. Grouping. Code |
| 25 | RLBIE | 1 | Business Segment [X]b | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Open Accounts Payable\_ Trade Transaction. [X]. ADS Business Segment\_ Code |
| 26 | ASBIE | 0 | Payment Made | — | 0..n | Information on all payment transactions made during the period. | ADS Open Accounts Payable\_ Trade Transaction. Defined. ADS Payment Made\_ Trade Transaction. Detail |
| a The balance here refers to the remaining balance unpaid or needing settlement, which can be calculated by analyzing net of the originating invoice and any payment made and adjustments against it.  b X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments / structures. | | | | | | | |

##### Payment Made

**Table 104** provides a list of Business Information Entities for Payment Made.

Table 104 — Business Information Entities for Payment Made

| No | BIE | D | Business Term | | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Payment Made | | — | — | Information on all payment transactions made during the period. Types of payments include check, wire transfer and cash | ADS Payment Made\_ Trade Transaction. Detail |
| 1 | IDBIE | 1 | Payment ID | | Identifier | 1 | The unique identifier for the transaction of cash paid. | ADS Payment Made\_ Trade Transaction. Identification. Identifier |
| 2 | BBIE | 1 | Payment Number | | Numeric | 1 | The number of the transactional document, from which AP is derived. | ADS Payment Made\_ Trade Transaction. Payment. Numeric |
| 3 | RLBIE | 1 | Supplier ID | | Reference identifier | 1 | The reference identifier for the supplier to whom payment is paid or from whom credits have been applied. | ADS Payment Made\_ Trade Transaction. Payee. ADS Supplier\_ Party |
| 4 | RLBIE | 1 | Purchase Contract ID | | Reference identifier | 0..1 | The reference identifier for the purchase contract, on which the accounts payable are based. | ADS Payment Made\_ Trade Transaction. Based. ADS\_ Purchase Contract |
| 5 | RLBIE | 1 | Project ID | | Reference identifier | 0..1 | The unique identifier for the project purchase contract, on which the accounts payable are based. | ADS Payment Made\_ Trade Transaction. Based. ADS\_ Project |
| 6 | RLBIE | 1 | Journal ID | | Reference identifier | 0..1 | The reference identifier for a journal entry. | ADS Payment Made\_ Trade Transaction. Defined. ADS\_ Accounting Entry |
| 7 | ASBIE | 1 | Period | | — | 1..1 | Accounting period in which the Payment Date occurs. | ADS Open Accounts Payable\_ Trade Transaction. ADS\_ Fiscal Period |
| 8 | BBIE | 2 | Fiscal Year | | Numeric | 1..1 | Fiscal year in which the Payment Date occurs  see 4.6.3.3.8 | ADS\_ Fiscal Period. Fiscal Year. Code |
| 9 | BBIE | 2 | Accounting Period | | Code | 1..1 | Accounting period in which the Payment Date occurs.  see 4.6.3.3.8 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code |
| 10 | BBIE | 1 | Payment Date | | Date | 1 | The payment date of the account payable by the supplier. | ADS Payment Made\_ Trade Transaction. Payment. Date |
| 11 | RLBIE | 1 | Settlement Method Code | | Reference identifier | 1..1 | The code value or indicator of the method by which the transaction debit or credit amount was settled or apportioned by the supplier.  EXAMPLE Check, wire transfer, and cash. | ADS Payment Made\_ Trade Transaction. Defined. ADS Settlement Method\_ Code |
| 12 | BBIE | 1 | Reference Number | | Code | 1..1 | The number of an internally or externally generated transaction.  EXAMPLE Check number, wire transfer number, or original document ID. | ADS Payment Made\_ Trade Transaction. Reference. Code |
| 13 | BBIE | 1 | Reference Date | | Date | 1..1 | The date on an internally or externally generated transaction.  EXAMPLE Check date or wire transfer date. | ADS Payment Made\_ Trade Transaction. Reference. Date |
| 14 | ASBIE | 1 | Amount Value | | — | 1..1 | The material or monetary worth of a payment made.  see 4.6.3.2.2 Table 57 | ADS Payment Made\_ Trade Transaction. Defined. ADS\_ Monetary Value |
| 15 | BBIE | 2 | Functional Amount | | Amount | 1..1 | The monetary value in the function currency.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Functional Currency. Amount |
| 16 | BBIE | 2 | Local Amount | | Amount | 0..1 | The monetary value in the accounting currency local to where the accounting records are required.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Local Accounting Currency. Amount |
| 17 | BBIE | 2 | Reporting Amount | | Amount | 0..1 | The monetary value in another currency, such as a reporting currency, a consolidation currency, or the euro transition period.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Reporting Currency. Amount |
| 18 | BBIE | 2 | Transaction Amount | | Amount | 0..1 | The monetary value in the voucher currency.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Transaction Currency. Amount |
| 19 | BBIE | 2 | Debit Credit Code | | Code | 0..1 | The code specifying the accounting sign of the accounting book.  see 4.6.3.2.2 Table 57  EXAMPLE “C”=credit; “D”=debit. | ADS\_ Monetary Value. Debit Credit. Code |
| 20 | RLBIE | 2 | GL Debit Account Number | | Rference Identifier | 0..1 | The number of GL account on which the debit side of the transaction has been posted.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Debit. ADS\_ Accounting Account |
| 21 | RLBIE | 2 | GL Credit Account Number | | Rference Identifier | 0..1 | The number of GL account on which the credit side of the transaction has been posted.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Credit. ADS\_ Accounting Account |
| 22 | BBIE | 1 | Remark | | Text | 0..1 | Freeform text description. | ADS Payment Made\_ Trade Transaction. Remark. Text |
| 23 | ASBIE | 1 | | Created Activity | — | 1..1 | The activity the record was created in the system. | ADS Payment Made\_ Trade Transaction. Specified. ADS Created\_ Activity |
| 24 | RLBIE | 2 | | Created By | Reference Identifier | 1..1 | The reference identifier for the system user who created the record.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User |
| 25 | BBIE | 2 | | Created Date | Date | 1..1 | The date the record was created in the system. This should be a system generated date (rather than user-created date), when possible. This is sometimes referred to as the creation date.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Date |
| 26 | BBIE | 2 | | Created Time | Time | 0..1 | The time this record was created into the system.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Time |
| 27 | ASBIE | 1 | | Approved Activity | — | 0..1 | The activity the record additions or changes was approved. | ADS Payment Made\_ Trade Transaction. Specified. ADS Approved\_ Activity |
| 28 | RLBIE | 2 | | Approved By | Reference Identifier | 1..1 | The reference identifier for the system user who approved the record additions or changes.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User |
| 29 | BBIE | 2 | | Approved Date | Date | 1..1 | The date the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Date |
| 30 | BBIE | 2 | | Approved Time | Time | 0..1 | The time the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Time |
| 31 | ASBIE | 1 | | Last Modified Activity | — | 0..1 | The activity the record was last modified. | ADS Payment Made\_ Trade Transaction. Specified. ADS Last Mofified\_ Activity |
| 32 | RLBIE | 2 | | Last Modified By | Reference Identifier | 1..1 | The reference identifier for the system user who last modified the record.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Performed By. ADS\_ System User |
| 33 | BBIE | 2 | | Last Modified Date | Date | 1..1 | The date the record was last modified.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 34 | BBIE | 2 | | Last Modified Time | Time | 0..1 | The time the record was last modified.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 35 | RLBIE | 1 | Business Segment [X]a | | Reference Identifier | 1..1 | The reference identifier for the Business Segment. | ADS Payment Made\_ Trade Transaction. [X]. ADS Business Segment\_ Code |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments / structures. | | | | | | | | |

##### Paied Cash Application

**Table 105** provides a list of Business Information Entities for paid Cash Application.

This Business Information Entities will record for each application of a cash payment to an invoice; for example, if a cash payment was applied to three invoices, there will be three records for that payment—one for each of the invoices to which the cash was applied. In the context of this process, cash means any type of payment received including checks and wire transfers and cash.

Table 105 — Business Information Entities for Paid Cash Application

| No | BIE | D | Business Term | | | Semantic data type | O | Definition | Dictionary Entry Name |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | ABIE | 0 | Cash Application | | | — | — | Information of all cash payments applied against the invoice during the period under review is contained. | ADS Paid Cash Application\_ Trade Transaction.Details |
| 1 | IDBIE |  | AP Application ID | | | Identifier | 1..1 | The unique identifier for the application of cash from a payment to each invoice. | ADS Paid Cash Application\_ Trade Transaction. Identification. Identifier |
| 2 | ASBIE | 1 | Period | | | — | 1..1 | Accounting period in which the Application Date occurs. | ADS Paid Cash Application\_ Trade Transaction. ADS\_ Fiscal Period |
| 3 | BBIE | 2 | Fiscal Year | | | Numeric | 1..1 | Fiscal year in which the Payment Date occurs  see 4.6.3.3.8 | ADS\_ Fiscal Period. Fiscal Year. Code |
| 4 | BBIE | 2 | Accounting Period | | | Code | 1..1 | Accounting period in which the Payment Date occurs.  see 4.6.3.3.8 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code |
| 5 | BBIE | 1 | Application Date | | | Date | 1..1 | The date of the cash application transaction, regardless of the date the transaction is created. | ADS Paid Cash Application\_ Trade Transaction. Application. Date |
| 6 | RLBIE | 1 | Supplier ID | | | Reference Identifier | 1..1 | The reference identifier for the supplier to whom payment is due or from whom unused credits have been received. | ADS Paid Cash Application\_ Trade Transaction. Defined. ADS Supplier\_ Party |
| 7 | RLBIE | 1 | Payment ID | | | Reference Identifier | 1..1 | The reference identifier for the transactional document, from which AP is derived. | ADS Paid Cash Application\_ Trade Transaction. ADS Payment Made\_ Trade Transaction |
| 8 | RLBIE | 1 | Invoice ID | | | Reference Identifier | 0..1 | The reference identifier for the invoice, from which AP is derived. | ADS Paid Cash Application\_ Trade Transaction. Derived. ADS Invoices Received\_ Trade Transaction |
| 9 | RLBIE | 1 | Settlement Method Code | | | Reference Identifier | 1..1 | The code value or indicator of the method by which the transaction debit or credit amount was settled or apportioned by the supplier.  EXAMPLE Check, wire transfer, and cash. | ADS Paid Cash Application\_ Trade Transaction. Defined. ADS Settlement Method\_ Code |
| 10 | ASBIE | 1 | Amount Value | | | — | 1..1 | The material or monetary worth of a thing that is associated with cash application.  see 4.6.3.2.2 Table 57 | ADS Paid Cash Application \_ Trade Transaction. Defined. ADS\_ Monetary Value |
| 11 | BBIE | 2 | Functional Amount | | | Amount | 1..1 | The monetary value in the function currency.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Functional Currency. Amount |
| 12 | BBIE | 2 | Local Amount | | | Amount | 0..1 | The monetary value in the accounting currency local to where the accounting records are required.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Local Accounting Currency. Amount |
| 13 | BBIE | 2 | Reporting Amount | | | Amount | 0..1 | The monetary value in another currency, such as a reporting currency, a consolidation currency, or the euro transition period.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Reporting Currency. Amount |
| 14 | BBIE | 2 | Transaction Amount | | | Amount | 0..1 | The monetary value in the voucher currency.  see 4.6.3.2.2 Table 57 | ADS\_ Monetary Value. Transaction Currency. Amount |
| 15 |  | 1 | Remark | | | Text | 0..1 | Freeform text description. | ADS Paid Cash Application\_ Trade Transaction. Remark. Text |
| 16 | RLBIE | 1 | | GL Line Debit Account Number | Reference Identifier | | 0..1 | The GL account number on which the debit side of the transaction has been posted. | ADS Paid Cash Application\_ Trade Line Item. Debit. ADS\_ Accounting Account |
| 17 | RLBIE | 1 | | GL Line Credit Account Number | Reference Identifier | | 0..1 | The GL account number on which the credit side of the transaction has been posted. | ADS Paid Cash Application\_ Trade Line Item. Credit. ADS\_ Accounting Account |
| 18 | ASBIE | 1 | | Created Activity | | — | 1..1 | The activity the record was created in the system. | ADS Paid Cash Application\_ Trade Transaction. Specified. ADS Created\_ Activity |
| 19 | RLBIE | 2 | | Created By | | Reference Identifier | 1..1 | The reference identifier for the system user who created the record.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User |
| 20 | BBIE | 2 | | Created Date | | Date | 1..1 | The date the record was created in the system. This should be a system generated date (rather than user-created date), when possible. This is sometimes referred to as the creation date.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Date |
| 21 | BBIE | 2 | | Created Time | | Time | 0..1 | The time this record was created into the system.  see 4.6.3.2.3 Table 65 | ADS\_ Created\_ Activity. Occurred. Time |
| 22 | ASBIE | 1 | | Approved Activity | | — | 0..1 | The activity the record additions or changes was approved. | ADS Paid Cash Application\_ Trade Transaction. Specified. ADS Approved\_ Activity |
| 23 | RLBIE | 2 | | Approved By | | Reference Identifier | 1..1 | The reference identifier for the system user who approved the record additions or changes.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User |
| 24 | BBIE | 2 | | Approved Date | | Date | 1..1 | The date the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Date |
| 25 | BBIE | 2 | | Approved Time | | Time | 0..1 | The time the record additions or changes was approved.  see 4.6.3.2.3 Table 62 | ADS\_ Approved\_ Activity. Occurred. Time |
| 26 | ASBIE | 1 | | Last Modified Activity | | — | 0..1 | The activity the record was last modified. | ADS Paid Cash Application\_ Trade Transaction. Specified. ADS Last Mofified\_ Activity |
| 27 | RLBIE | 2 | | Last Modified By | | Reference Identifier | 1..1 | The reference identifier for the system user who last modified the record.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Performed By. ADS\_ System User |
| 28 | BBIE | 2 | | Last Modified Date | | Date | 1..1 | The date the record was last modified.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 29 | BBIE | 2 | | Last Modified Time | | Time | 0..1 | The time the record was last modified.  see 4.6.3.2.3 Table 63 | ADS\_ Last Modified\_ Activity. Occurred. Time |
| 30 | RLBIE | 1 | | Business Segment [X]a | Reference Identifier | | 1..1 | The reference identifier for the Business Segment. | ADS Paid Cash Application\_ Trade Line Item. [X]. ADS Business Segment\_ Code |
| a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity. A reserved field that shall be used for business segments / structures. | | | | | | | | | |

##### Accounts Payable Adjustment

TBD

#### Inventory

##### Overview

TBD

##### Inventory Location

TBD

##### Inventory Product

TBD

##### Inventory On Hand

TBD

##### Inventory Transaction

TBD

##### Physical Inventory

TBD

##### Period Balance

TBD

#### Property, Plant and Equipment

##### Overview

TBD

##### PPE Master

TBD

##### PPE Transaction

TBD

##### PPE Department Allocation

TBD

##### PPE Depreciation

TBD

## Business rules

### General

Invoice is a key audit trail component.

Nobu: EN 16931 must be revised according to audit data service requirements. Although EN 16931 uses XML schematron for business rule validation, XBRL allows more precise validation using Formula Linkbase.

### Order to Cash

TBD

### Purchasing to Pay

TBD

### Inventory

TBD

### Property, Plant and Equipment

TBD

### Business requirements

TBD

# Syntax binding for XBRL

## General

The Open Information Model (or "OIM") is XBRL International’s simplify and modernise important aspects of the XBRL Standard. The OIM provides new and simpler ways to work with XBRL data. It defines a model that represents the meaning of the standard, without referencing syntax specifics. It then defines multiple and interchangeable formats, which can be added to over time.

The OIM support three different formats.

* xBRL-CSV to collect huge quantities of granular data
* xBRL-JSON to make XBRL data simple to use
* xBRL-XML is traditional XBRL instance document.

xBRL-XML is familiar and comfortable for anyone that has been using XBRL for any length of time. xBRL-JSON offers new ways to harness analytics and is also a highly intuitive format for developers that are new to the standard. And xBRL-CSV will make it easy to capture huge volumes of granular data in a compact way – of interest to many in the XBRL community, not least financial services regulators. Being independent of any one of these formats, the OIM allows data to be converted seamlessly between the three and expressed in different ways.

The OIM is a description of the semantic information inside an XBRL report. The XBRL 2.1 specification defines a syntax that is tightly connected to XML. The OIM instead defines the semantics of a digital report generally. It then describes the information that any syntax must include in order to accurately represent a digital report. This approach makes it possible to work with XBRL data in multiple formats.

## Audit data binding for XBRL taxonomy

### Legend

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |

No: A sequence number for the information element.

Business Term: A synonym used in business where a Core is commonly known.

D: Depth

O: Occurence

Dictionary Entry Name (DEN): A unique official name of a Core Component registered by the United Nations. . If there is no corresponding registered information element, named according to the naming convention defined in ISO 15000-1.

XBRL item ID: An item id used in XBRL taxonomy. If the data element is based on ABIE, the ID is defined by connecting the words in the business term with uppercase camelcase concatenation (UC3). If the data element is based on either BIE, ASBIE, or RLBIE, the ID is defined by connecting the start and end words with a "-". The start word is defined by connecting the parent ABIE-based UC3 with a "-". The last word is defined by selecting the corresponding XBRL-GL name or connecting the words in the business term with a lowercase camelcase concatenation (LC3).

### Common Business Information Entity

#### Address

**Table 116** provides a list of syntax binding for Address.

Table 116 — Syntax binding for Address

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Address | 0 | — | Address. Detail | Address |
| 1 | Street Address1 | 1 | 1..1 | Address. Line One. Text | Address-streetAddress1 |
| 2 | Street Address2 | 1 | 0..1 | Address. Line Two. Text | Address-streetAddress2 |
| 3 | City | 1 | 1..1 | Address. City Name. Text | Address-city |
| 4 | State Province | 1 | 0..1 | Address. Country Sub-Division. Identifier | Address-stateProvince |
| 5 | Postal Code | 1 | 1..1 | Address. Postcode. Code | Address-postalCode |
| 6 | Country | 1 | 1..1 | Address. Country. Identifier | Address-country |

#### Fiscal Period

**Table 117** provides a list of syntax binding for Fiscal Period.

Table 117 — Syntax binding for Fiscal Period

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Fiscal Period | 0 | — | Fiscal Period. Detail | Period |
| 1 | Fiscal Year | 1 | 1..1 | Fiscal Period. Fiscal Year. Code | Period-fiscalYearEnd |
| 2 | Accounting Period | 1 | 1..1 | Fiscal Period. Accounting Period. Code | Period-accountingPeriod |

#### Monetary Value

**Table 118** provides a list of syntax binding for Monetary Value.

Table 118 — Syntax binding for Monetary Value

| No | Business Term | D |  | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 1 | Functional Amount | 1 |  | Monetary Value. Functional Currency. Amount |  |
|  |  |  |  | - Amount. Content | amount |
|  |  |  |  | - Amount Currency. Identifier | amountCurrency |
| 2 | Local Amount | 1 |  | Monetary Value. Local Currency. Amount |  |
|  |  |  |  | - Amount. Content | amountOriginalAmount |
|  |  |  |  | - Amount Currency. Identifier | amountOriginalCurrency |
| 3 | Reporting Amount | 1 |  | Monetary Value. Reporting Currency. Amount |  |
|  |  |  |  | - Amount. Content | amountTriangulationAmount |
|  |  |  |  | - Amount Currency. Identifier | amountTriangulationCurrency |
| 4 | Transaction Amount | 1 |  | ADS\_ Monetary Value. Transaction Currency. Amount |  |
|  |  |  |  | - Amount. Content | amountTransactionAmount |
|  |  |  |  | - Amount Currency. Identifier | amountTransactionCurrency |

#### User Activity

**Table 119** provides a list of syntax binding for User Activity.

Table 119 — Syntax binding for User Activity

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 1 | Entered Activity | 0 | — | Entered\_ Activity. Details |  |
| 2 | Entered By | 1 | 1..1 | Entered\_ Activity. Performed By. System User | enteredBy |
| 3 | Entered Date | 1 | 1..1 | Entered\_ Activity. Occurred. Date | enteredDate |
| 4 | Entered Time | 1 | 1..1 | Entered\_ Activity. Occurred. Time | This is included in the ISO 8601 representation of enteredDate, mentioned previously |
| 5 | Approved Activity | 0 | — | Approved\_ Activity. Details |  |
| 6 | Approved By | 1 | 1..1 | Approved\_ Activity. Performed By. System User | entryResponsiblePerson |
| 7 | Approved Date | 1 | 1..1 | Approved\_ Activity. Occurred. Date | approvedDate |
| 8 | Approved Time | 1 | 1..1 | Approved\_ Activity. Occurred. Time | This is included in the ISO 8601 representation of approvedDate mentioned previously. |
| 9 | Last Modified Activity | 0 | — | Last Modified\_ Activity. Details |  |
| 10 | Last Modified By | 1 | 1..1 | Last Modified\_ Activity. Performed By. System User | enteredByModified |
| 11 | Last Modified Date | 1 | 1..1 | Last Modified\_ Activity. Occurred. Date | lastDateRepeat |
| 12 | Last Modified Time | 1 | 1..1 | Last Modified\_ Activity. Occurred. Time | This is included in the ISO 8601 representation of lastDateRepeat, mentioned previously |

### Base

#### Employee

**Table 120** provides a list of syntax binding for Employee.

Table 120 — Syntax binding for Employee

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Employee | 0 | — | ADS\_ Employee. Details | Employee |
| 1 | Employee ID | 1 | 1..1 | ADS\_ Employee. Employer Assigned Identification. Identifier | Employee-ID |
| 2 | Code | 1 | 1..1 | ADS\_ Employee. Assigned Identification. Code | Employee-code |
| 3 | Name | 1 | 1..1 | ADS\_ Employee. Name. Text | Employee-name |
| 4 | Inactive flag | 1 | 0..1 | ADS\_ Employee. Active. Indicator | Employee-inactiveFlag |
| 5 | Type Code | 1 | 1..1 | ADS\_ Employee. Type. Code | Employee-typeCode |
| 6 | Type Name | 1 | 1..1 | ADS\_ Employee. Type. Text | Employee-typeName |
| 7 | Department Code | 1 | 1..1 | ADS\_ Employee. Reporting Department. Code | Employee-departmentCode |
| 8 | Job Title | 1 | 0..1 | ADS\_ Employee. Job Title. Text | Employee-jobTitle |
| 9 | Academic Degree | 1 | 0..1 | ADS\_ Employee. Academic Degree. Text | Employee-academicDegree |
| 10 | Employment Date | 1 | 0..1 | ADS\_ Employee. Employment. Date Time | Employee-employmentDate |
| 11 | Termination Date | 1 | 0..1 | ADS\_ Employee. Termination. Date Time | Employee-terminationDate |
| 12 | User ID | 1 | 0..1 | ADS\_ Employee. Associated. ADS\_ System User | Employee-userID |

#### System User

**Table 121** provides a list of syntax binding for System User.

Table 121 — Syntax binding for System User

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | User | 0 | 1..1 | ADS\_ System User. Detail | SystemUser |
| 1 | User ID | 1 | 1..1 | ADS\_ System User. Identification. Identifier | SystemUser-ID |
| 2 | Active Status | 1 | 0..1 | ADS\_ System User. Active Status. Indicator | SystemUser-activeStatus |
| 3 | Status Modified Date | 1 | 0..1 | ADS\_ System User. Status Modified. Date | SystemUser-statusModifiedDate |
| 4 | Name | 1 | 1..1 | ADS\_ System User. Name. Text | SystemUser-name |
| 5 | Job Title | 1 | 0..1 | ADS\_ System User. Job Title. Text | SystemUser-jobTitle |
| 6 | Department Code | 1 | 0..1 | ADS\_ Syatem User. Department. ADS Business Segment\_ Code | SystemUser-departmentCode |
| 7 | Role Responsibility | 1 | 0..1 | ADS\_ Syatem User. Role Responsibility. Text | SystemUser-roleResponsibility |

### General Ledger

#### Trial Balance

**Table 122** provides a list of syntax binding for Trial Balance.

Table 122 — Syntax binding for Trial Balance

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Trial Balance | 0 | — | ADS\_ Trial Balance. Detail | TrialBalance |
| 1 | Trial Balance ID | 1 | 1..1 | ADS\_ Trial Balance. Identification. identifier | TrialBalance-ID |
| 2 | GL Account Number | 1 | 1..1 | ADS\_ Trial Balance. Defined. ADS\_ Accounting Account | TrialBalance-accountNumber |
| 3 | Balance As Of Datea | 1 | 1..1 | ADS\_ Trial Balance. Balance As Of. Date | TrialBalance-balanceAsOfDate |
| 4 | Period | 1 | 1..1 | ADS\_ Trial Balance. Defined. ADS\_ Fiscal Period | TrialBalance-Period |
| 5 | Fiscal Year | 2 | 1..1 | ADS\_ Fiscal Period. Fiscal Year. Code | TrialBalance-Period-fiscalYear |
| 6 | Accounting Period | 2 | 1..1 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code | TrialBalance-Period-accountingPeriod |
| 7 | Begining Balance | 1 | 1..1 | ADS\_ Trial Balance. Defined. ADS Begining Balance\_ Monetary Value | TrialBalance-BeginingBalance |
| 8 | Beginning Functional Amount | 2 | 1..1 | ADS Begining Balance\_ Monetary Value. Functional Currency. Amount | TrialBalance-beginingFunctionalAmount |
| 9 | Beginning Reporting Amount | 2 | 0..1 | ADS Begining Balance\_ Monetary Value. Reporting Currency. Amount | TrialBalance-beginingReportingAmount |
| 10 | Beginning Local Amount | 2 | 0..1 | ADS Begining Balance\_ Monetary Value. Local Currency. Amount | TrialBalance-beginingLocalAmount |
| 11 | Beginning Transaction Amount | 2 | 0..1 | ADS Begining Balance\_ Monetary Value. Transaction Currency. Amount | TrialBalance-beginingTransactionAmount |
| 12 | Ending Balance | 1 | 1..1 | ADS\_ Trial Balance. Defined. ADS Ending Balance\_ Monetary Value | TrialBalance-EndingBalance |
| 13 | Ending Functional Amount | 2 | 1..1 | ADS Ending Balance\_ Monetary Value. Functional Currency. Amount | TrialBalance-endingFunctionalAmount |
| 14 | Ending Reporting Amount | 2 | 0..1 | ADS Ending Balance\_ Monetary Value. Reporting Currency. Amount | TrialBalance-endingReportingAmount |
| 15 | Ending Local Amount | 2 | 0..1 | ADS Ending Balance\_ Monetary Value. Local Currency. Amount | TrialBalance-endingLocalAmount |
| 16 | Ending Transaction Amount | 2 | 0..1 | ADS Ending Balance\_ Monetary Value. Transaction Currency. Amount | TrialBalance-endingTransactionAmount |
| 17 | Business Segment [X] | 1 | 1..1 | ADS\_ Trial Balance. [X]. ADS Business Segment\_ Code | TrialBalance-businessSegment[X] |

#### GL Detail

TBD

#### GL Source

TBD

#### Account Segment

TBD

#### Accounts Period Balance

TBD

### Order to Cash

#### Sales Contract

TBD

#### Sales Order

TBD

#### Shipment Made

TBD

#### Invoice Generated

TBD

#### Open Accounts Receivable

TBD

#### Cash Received

TBD

#### Cash Application

TBD

#### Accounts Receivable Adjustment

TBD

### Purchase to Pay

#### Purchase Contract

**Table 123** provides a list of syntax binding for Purchase Contract Header.

Table 123 — Syntax binding for Purchase Contract Header

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Purchase Contract | 0 | — | ADS Purchase\_ Contract. Details | PurchaseContract |
| 1 | Purchase Contract ID | 1 | 1..1 | ADS Purchase\_ Contract. Identification. Identifier | PurchaseContract-ID |
| 2 | Purchase Contract Number | 1 | 1..1 | ADS Purchase\_ Contract. Contract Number\_ Name. Text | PurchaseContract-number |
| 3 | Contract Type Name | 1 | 1..1 | ADS Purchase\_ Contract. Contract Type\_ Name. Text | PurchaseContract-typeName |
| 4 | Purchase Organization ID | 1 | 1..1 | ADS Purchase\_ Contract. Purchase Organization. ADS\_ Business Segment | PurchaseContract-purchaseOrganizationID |
| 5 | Purchaser ID | 1 | 1..1 | ADS Purchase\_ Contract. Purchaser. ADS\_ Employee | PurchaseContract-purchaserID |
| 6 | Contract Beginning Date | 1 | 1..1 | ADS Purchase\_ Contract. Start. Date | PurchaseContract-contractBeginningDate |
| 7 | Contract Ending Date | 1 | 1..1 | ADS Purchase\_ Contract. End. Date | PurchaseContract-contractEndingDate |
| 8 | Settlement Method | 1 | 0..1 | ADS Purchase\_ Contract. Specified. ADS Settlement Method\_ Code | PurchaseContract-settlementMethod |
| 9 | Payment Term | 1 | 0..1 | ADS Purchase\_ Contract. Specified. ADS Payment Term\_ Document | PurchaseContract-paymentTerm |
| 10 | Transaction Currency Code | 1 | 1..1 | TBD | PurchaseContract-transactionCurrencyCode |
| 11 | Status | 1 | 1..1 | ADS Purchase\_ Contract. Status. Code | PurchaseContract-status |
| 12 | Remark | 1 | 0..1 | ADS Purchase\_ Contract. Information. Text | PurchaseContract-remark |
| 13 | Supplier ID | 2 | 1..1 | ADS Purchase\_ Contract. Seller. ADS Supplier\_ Party | PurchaseContract-Supplier |
| 14 | Created Activity | 1 | 1..1 | ADS Purchase\_ Contract. Specified. ADS Created\_ Activity | PurchaseContract-Created |
| 15 | Created By | 2 | 1..1 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User | PurchaseContract-Created-user |
| 16 | Created Date | 2 | 1..1 | ADS\_ Created\_ Activity. Occurred. Date | PurchaseContract-Created-date |
| 17 | Approved Activity | 1 | 0..1 | ADS Purchase\_ Contract. Specified. ADS Approved\_ Activity | PurchaseContract-Approved |
| 18 | Approved By | 2 | 1..1 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User | PurchaseContract-Approved-user |
| 19 | Business Segment [X] | 1 | 1..1 | ADS Purchase\_ Contract. [X]. ADS Business Segment\_ Code | PurchaseContract-businessSegment[X]-ID |

**Table 124** provides a list of syntax binding for Purchase Contract Line Item.

Table 124 — Syntax binding for Purchase Contract Line Item

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Purchase Contract Line Item | 0 | — | ADS Purchase\_ Contract Line Item. | PurchaseContractLineItem |
| 1 | Purchase Contract ID | 1 | 1..1 | ADS Purchase\_ Contract Line Item.Header. ADS Purchase\_ Contract | PurchaseContractLineItem-PurchaseContract-ID |
| 2 | Purchase Contract Line ID | 1 | 1..1 | ADS Purchase\_ Contract Line Item. Identification. Identifier | purchaseContractLineID |
| 3 | Line Number | 1 | 0..1 | ADS Purchase\_ Contract Line Item. Line Number\_ Name. Text | PurchaseContractLineItem-lineNumber |
| 4 | Tax Exclude Amount | 1 | 0..1 | ADS Purchase\_ Contract Line Item. Tax Exclude\_ Actual. Amount | PurchaseContractLineItem-taxExcludeAmount |
| 5 | Tax Include Amount | 1 | 0..1 | ADS Purchase\_ Contract Line Item. Tax Include\_ Actual. Amount | PurchaseContractLineItem-taxIncludeAmount |
| 6 | Status | 1 | 0..1 | ADS Purchase\_ Contract Line Item. Status\_ Name. Text | PurchaseContractLineItem-status |
| 7 | Due Date | 1 | 1..1 | ADS Purchase\_ Contract Line Item. Due. Date | PurchaseContractLineItem-dueDate |
| 8 | Tax Exclude Unit Price | 1 | 1..1 | ADS Purchase\_ Contract Line Item. Tax Excluded\_ Unit. Amount | PurchaseContractLineItem-taxExcludeUnitPrice |
| 9 | Tax Include Unit Price | 1 | 1..1 | ADS Purchase\_ Contract Line Item. Tax Included\_ Unit. Amount | PurchaseContractLineItem-taxIncludeUnitPrice |
| 10 | Charged Tax | 1 | 0..n | ADS Purchase\_ Contract Line Item. Levied. ADS\_ Tax | PurchaseContractLineItem-Tax |
| 11 | Tax Type Code | 2 | 0..1 | ADS\_ Tax. Type. Code | PurchaseContractLineItem-Tax-typeCode |
| 12 | Tax Transaction Amount | 2 | 0..1 | ADS\_ Tax. Calculated. Amount | PurchaseContractLineItem-Tax-transactionAmount |
| 13 | Purchased Product | 1 | 1..1 | ADS Purchase\_ Contract Line Item. Purchased. ADS\_ Product | PurchaseContractLineItem-PurchasedProduct |
| 14 | Product ID | 2 | 1..1 | ADS\_ Product. Identification. Identifier | PurchaseContractLineItem--PurchasedProduct-productID |
| 15 | Purchase UOM | 2 | 1..1 | ADS\_ Product. Measurement. Code | PurchaseContractLineItem-PurchasedProduct-purchaseUOM |
| 16 | Indivisual Product Instance | 2 | 1..1 | ADS\_ Product. Individual. ADS\_ Product Instance | PurchaseContractLineItem-PurchasedProduct-IndivisualProductInstance |
| 17 | Contract Quantity | 3 | 1..1 | ADS\_ Product Instance. Actual. Quantity | PurchaseContractLineItem-PurchasedProduct-contractQuantity |
| 18 | Settlement Organization | 1 | 0..1 | ADS Purchase\_ Contract Line Item. Settlement. Business Segment | PurchaseContractLineItem-settlementOrganization |
| 19 | Receipt Organization | 1 | 1..1 | ADS Purchase\_ Contract Line Item. Receipt. Business Segment | PurchaseContractLineItem-receiptOrganization |
| 20 | Business Segment [X] | 1 | 1..1 | ADS Purchase\_ Contract Line Item. [X]. ADS Business Segment\_ Code | PurchaseContractLineItem-businessSegment[X] |

#### Purchase Order

**Table 125** provides a list of syntax binding for Purchase Order Header.

Table 125— Syntax binding for Purchase Order Header

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Purchase Order | 0 | — | ADS Purchase Order\_ Trade Transaction. Details | PurchaseOrder |
| 1 | Purchase Order ID | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Identification. Identifier | PurchaseOrder-ID |
| 2 | Purchase Order Number | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Number\_ Information. Text | PurchaseOrder-Number |
| 3 | Period | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Defined. ADS\_ Fiscal Period | PurchaseOrder-Period |
| 4 | Fiscal Year | 2 | 1..1 | ADS\_ Fiscal Period. Fiscal Year. Code | PurchaseOrder-Period-fiscalYear |
| 5 | Accounting Period | 2 | 1..1 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code | PurchaseOrder-Period-accountingPeriod |
| 6 | Purchase Order Type | 1 | 1 | ADS Purchase Order\_ Trade Transaction. Type. Code | PurchaseOrder-purchaseOrderType |
| 7 | Purchase Order Date | 1 | 1 | ADS Purchase Order\_ Trade Transaction. Issue. Date Time | PurchaseOrder-purchaseOrderDate |
| 8 | Purchase Organization ID | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Purchase Organization. ADS\_ Business Segment | PurchaseOrder-purchaseOrganizationID |
| 9 | Purchaser ID | 1 | 0..1 | ADS Purchase Order\_ Trade Transaction. Purchaser. ADS\_ Employee | PurchaseOrder-purchaserID |
| 10 | Supplier ID | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Specified. ADS Supplier\_ Party | PurchaseOrder-supplierID |
| 11 | Settlement Method Code | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Specified. ADS Settlement Method\_ Code | PurchaseOrder-settlementMethodCode |
| 12 | Payment Term Code | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Specified. ADS Payment Term\_ Document | PurchaseOrder-paymentTermCode |
| 14 | Transaction Amount | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Specified. ADS\_ Monetary Value | PurchaseOrder -transactionAmount |
| 15 | Created Activity | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Specified. ADS Created\_ Activity | PurchaseOrder-Created |
| 16 | Created By | 2 | 1..1 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User | PurchaseOrder-Created-user |
| 17 | Created Date | 2 | 1..1 | ADS\_ Created\_ Activity. Occurred. Date | PurchaseOrder-Created-date |
| 18 | Created Time | 2 | 0..1 | ADS\_ Created\_ Activity. Occurred. Time | This is included in the ISO 8601 representation Created Date mentioned previously |
| 19 | Approved Activity | 1 | 0..1 | ADS Purchase Order\_ Trade Transaction. Specified. ADS Approved\_ Activity | PurchaseOrder-Approved |
| 20 | Approved By | 2 | 0..1 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User | PurchaseOrder-Approved-user |
| 21 | Approved Date | 2 | 1..1 | ADS\_ Approved\_ Activity. Occurred. Date | PurchaseOrder-Approved-date |
| 22 | Last Modified Activity | 1 | 0..1 | ADS Purchase Order\_ Trade Transaction. Specified. ADS Last Modified\_ Activity | PurchaseOrder-LastModified |
| 23 | Last Modified By | 2 | 0..1 | ADS\_ Last Modified\_ Activity. Performed By. ADS\_ System User | PurchaseOrder-LastModified-user |
| 24 | Last Modified Date | 2 | 1..1 | ADS\_ Last Modified\_ Activity. Occurred. Date | PurchaseOrder-LastModified-date |
| 25 | Status | 1 | 0..1 | ADS Purchase Order\_ Trade Transaction. Stattus. Code | PurchaseOrder-status |
| 26 | Remark | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. Remark. Text | PurchaseOrder-remark |
| 27 | Business Segment [X] | 1 | 1..1 | ADS Purchase Order\_ Trade Transaction. [X]. ADS Business Segment\_ Code | PurchaseOrder-businessSegment[X] |

**Table 126** provides a list of syntax binding for Purchase Order Line Item.

Table 126— Syntax binding for Purchase Order Line Item

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Purchase Order Line Item | 0 | — | ADS Purchase Order\_ Trade Line Item. Detail | PurchaseOrderLineItem |
| 1 | Purchase Order ID | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Header. ADS Purchase Order\_ Trade Transaction | PurchaseOrderLineItem- purchaseOrderID |
| 2 | Purchase Order Line ID | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Identification. Identifier | PurchaseOrderLineItem-ID |
| 3 | Sequence Number | 1 | 0..1 | ADS Purchase Order\_ Trade Line Item. Sequence. Numeric | PurchaseOrderLineItem-sequenceNumber |
| 4 | Purchase Contract ID | 1 | 0..1 | ADS Purchase Order\_ Trade Line Item. Defined. ADS Purchase\_ Contract | PurchaseOrderLineItem-purchaseContractID |
| 5 | Purchase Contract Line ID | 1 | 0..1 | ADS Purchase Order\_ Trade Line Item. Defined. ADS Purchase\_ Contract Line Item | PurchaseOrderLineItem-purchaseContractLineID |
| 6 | Requisition ID | 1 | 0..1 | ADS Purchase Order\_ Trade Line Item. Defined. ADS Purchase Requisition\_ Trade Transaction | PurchaseOrderLineItem-requisitionID |
| 7 | Requisition Line ID | 1 | 0..1 | ADS Purchase Order\_ Trade Line Item. Defined. ADS Purchase Requisition\_ Trade Line Item | PurchaseOrderLineItem-requisitionLineID |
| 8 | Settlement Organization Code | 1 | 0..1 | ADS Purchase Order\_ Trade Line Item. Settlement Organization. ADS\_ Business Segment | PurchaseOrderLineItem-settlementOrganizationCode |
| 9 | Receipt Organization Code | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Receipt Organization. ADS\_ Business Segment | PurchaseOrderLineItem-receiptOrganizationCode |
| 10 | Project ID | 1 | 0..1 | ADS Purchase Order\_ Trade Line Item. Defined. ADS Project\_ List | PurchaseOrderLineItem-projectID |
| 11 | Product ID | 2 | 1..1 | ADS Purchase Order\_ Trade Line Item. Defined. ADS\_ Product | PurchaseOrderLineItem-productID |
| 12 | Due Date | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Due. Date | PurchaseOrderLineItem-dueDate |
| 13 | Basic UOM Quantity | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Basic UOM. Quantity | PurchaseOrderLineItem-basicUOMQuantity |
| 14 | Order Quantity | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Defined. Quantity | PurchaseOrderLineItem-orderQuantity |
| 15 | Tax Excluded Unit Price | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Tax Excluded. Unit Price | PurchaseOrderLineItem-taxExcludeUnitPrice |
| 16 | Tax Excluded Unit Price | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Tax Included. Unit Price | PurchaseOrderLineItem- taxIncludeUnitPrice |
| 17 | Tax Exclude Amount | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Tax Excluded. Amount | PurchaseOrderLineItem-taxExcludeAmount |
| 18 | Tax Exclude Amount | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. Tax Included. Amount | PurchaseOrderLineItem- taxIncludeAmount |
| 19 | Charged Tax | 1 | 1..n | ADS\_ Price. Charged. ADS\_ Tax | PurchaseOrderLineItem-Product-TotalPrice-ChargedTax |
| 20 | Tax Type Code | 2 | 1..1 | ADS\_ Tax. Type. Code | PurchaseOrderLineItem-Product-TotalPrice-ChargedTax-typeCode |
| 21 | Tax Transaction Amount | 2 | 1..1 | ADS\_ Tax. Calculated. Amount | PurchaseOrderLineItem-Product-TotalPrice-ChargedTax -transactionAmount |
| 22 | Status | 1 | 0..1 | ADS Purchase Order\_ Trade Line Item. Status. Code | PurchaseOrderLineItem-status |
| 23 | Business Segment [X] | 1 | 1..1 | ADS Purchase Order\_ Trade Line Item. [X]. ADS Business Segment\_ Code | PurchaseOrderLineItem-businessSegement[X] |

#### Material Received

**Table 127** provides a list of syntax binding for Material Received Header.

Table 127 — Syntax binding for Matterial Received Header

| No | Business Term | D | 0 | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Material Received | 0 | — | ADS Material Received\_ Trade Transaction. Detail | MaterialReceived |
| 1 | Receipt ID | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Identification. Identifier | MaterialReceived-ID |
| 2 | Receipt Number | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Receipt. Numeric | MaterialReceived-number |
| 3 | Period | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Defined. ADS\_ Fiscal Period | MaterialReceived-Period |
| 4 | Fiscal Year | 2 | 1..1 | ADS\_ Fiscal Period. Fiscal Year. Code | MaterialReceived-Period-fiscalYear |
| 5 | Accounting Period | 2 | 1..1 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code | MaterialReceived-Period-accountingPeriod |
| 5 | Receipt Organization Code | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Receipt. ADS Business Segment\_ Code | MaterialReceived-ReceiptOrganizationCode |
| 6 | Receipt Date | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Receipt. Date | MaterialReceived-receiptDate |
| 7 | Receipt Reference Number | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Receipt Reference. Numeric | MaterialReceived-receiptReferenceNumber |
| 9 | Transaction Amount | 2 | 1..1 | ADS\_ Monetary Value. Transaction Currency. Amount | MaterialReceived-MonetaryValue-transactionAmount |
| 10 | Shipping Method | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Shipping Method. Text | MaterialReceived-shippingMethod |
| 11 | Shipper | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Shipper. Text | MaterialReceived-shipper |
| 12 | Adjustment Indicator | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Adjustment. Indicator | MaterialReceived-adjustmentIndicator |
| 13 | Adjustment Description | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Adjustment. Text | MaterialReceived-adjustmentDescription |
| 14 | Supplier ID | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Specified. ADS Supplier\_ Party | MaterialReceived-supplierID |
| 15 | Purchase Order ID | 1 | 0..1 | ADS Material Received\_ Trade Transaction. Specified. ADS Purchase Order\_ Trade Transaction | MaterialReceived-purchaseOrderID |
| 19 | Created Activity | 1 | 1..1 | ADS Material Received\_ Trade Transaction. Specified. ADS Created\_ Activity | MaterialReceived-Created |
| 20 | Created By | 2 | 1..1 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User | MaterialReceived-Created-user |
| 21 | Created Date | 2 | 1..1 | ADS\_ Created\_ Activity. Occurred. Date | MaterialReceived-Created-date |
| 22 | Created Time | 2 | 0..1 | ADS\_ Created\_ Activity. Occurred. Time | This is included in the ISO 8601 representation of Created Date mentioned previously |
| 23 | Approved Activity | 1 | 0..1 | ADS Material Received\_ Trade Transaction. Specified. ADS Approved\_ Activity | MaterialReceived-Approved |
| 24 | Approved By | 2 | 1..1 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User | MaterialReceived-Approved-user |
| 25 | Approved Date | 2 | 1..1 | ADS\_ Approved\_ Activity. Occurred. Date | MaterialReceived-Approved-date |
| 26 | Approved Time | 2 | 0..1 | ADS\_ Approved\_ Activity. Occurred. Time | This is included in the ISO 8601 representation of Approved Date mentioned previously |
| 27 | Last Modified Activity | 1 | 0..1 | ADS Material Received\_ Trade Transaction. Specified. ADS Last Mofified\_ Activity | MaterialReceived-LastModified |
| 28 | Last Modified By | 2 | 1..1 | ADS\_ Last Modified\_ Activity. Performed By. ADS\_ System User | MaterialReceived-LastModified-user |
| 29 | Last Modified Date | 2 | 1..1 | ADS\_ Last Modified\_ Activity. Occurred. Time | MaterialReceived-LastModified-date |
| 30 | Last Modified Time | 2 | 0..1 | ADS\_ Last Modified\_ Activity. Occurred. Time | This is included in the ISO 8601 representation of Last Modified Date mentioned previously |
| 31 | Business Segment [X] | 1 | 1..1 | ADS Material Received\_ Trade Transaction. [X]. ADS Business Segment\_ Code | MaterialReceived-businessSegment[X] |

**Table 128** provides a list of syntax binding for Material Received Line Item.

Table 128 — Syntax binding for Material Received Line Item

| No | Business Term | D | O | Dictionary Entry Name | XBRL item ID |
| --- | --- | --- | --- | --- | --- |
| 0 | Matterial Received Line Item | 0 | — | ADS Material Received\_ Trade Line Item. Detail | MaterialReceivedLineItem |
| 1 | Material ID | 1 | 1..1 | ADS Material Received\_ Trade Line Item. Header. ADS Material Received\_ Trade Transaction | MaterialReceivedLineItem-MaterialReceived-ID |
| 2 | Material Line ID | 1 | 1..1 | ADS Material Received\_ Trade Line Item.Identification. Identifier | matterialReceivedLineID |
| 3 | Sequence Number | 1 | 0..1 | ADS Material Received\_ Trade Line Item. Sequence. Numeric | MaterialReceivedLineItem-sequenceNumber |
| 4 | Product ID | 1 | 1..1 | ADS Material Received\_ Trade Line Item. Defined. ADS\_ Product | MaterialReceivedLineItem-Product-productID |
| 5 | Quantity | 1 | 1..1 | ADS Material Received\_ Trade Line Item. | MaterialReceivedLineItem-Product-quantity |
| 6 | Basic UOM Quantity | 1 | 0..1 | ADS Material Received\_ Trade Line Item. Basic UOM. Quantity | MaterialReceivedLineItem-Product-basicUOMQuantity |
| 7 | Tax Include Unit Price | 1 | 0..1 | ADS Material Received\_ Trade Line Item. Tax Include. Unit Price | MaterialReceivedLineItem-Product-IndivisualProductInstance -taxIncludeUnitPrice |
| 8 | Transaction Amount | 1 | 1..1 | ADS Material Received\_ Trade Line Item. Transction Currency. Amount | MaterialReceivedLineItem-MonetaryValue-transactionAmount |
| 9 | Purchase Order Line ID | 1 | 1..1 | ADS Material Received\_ Trade Line Item. | MaterialReceivedLineItem-purchaseOrderLineID |
| 8 | Order line Amount | 1 | 1..1 | ADS Material Received\_ Trade Line Item. Transction Currency. Amount | MaterialReceivedLineItem-MonetaryValue-transactionAmount |
| 10 | Business Segment [X] | 1 | 1..1 | ADS Material Received\_ Trade Line Item. [X]. ADS Business Segment\_ Code | MaterialReceivedLineItem-businessSegment[X] |

#### Invoices Received

**Table 129** provides a list of syntax binding for Invoice Received Header.

Table 129 — Syntax binding for Invoice Received Header

| No | Business Term | D | O | Dictionary Entry Name | BusinessTerm |
| --- | --- | --- | --- | --- | --- |
| 0 | Invoices Received | 0 | — | ADS Invoices Received\_ Trade Transaction. Details | InvoicesReceived |
| 1 | Invoice ID | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Identification. Identifier | InvoiceReceived-ID |
| 2 | Invoice Number | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Number\_ Information. Text | InvoiceReceived-number |
| 3 | Period | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Defined. ADS\_ Fiscal Period | InvoicesReceived-Period |
| 4 | Fiscal Year | 2 | 1..1 | ADS\_ Fiscal Period. Fiscal Year. Code | InvoicesReceived-Period-fiscalYear |
| 5 | Accounting Period | 2 | 1..1 | ADS\_ Fiscal Period. Accounting ADS\_ Period. Code | InvoicesReceived-Period-accountingPeriod |
| 6 | Official Invoice Code | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Official. Code | InvoicesReceived-officialInvoiceCode |
| 7 | Invoice Type Name | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Type. Text | InvoicesReceived-invoiceTypeName |
| 8 | Invoice Date | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Point. Date | InvoicesReceived-invoiceDate |
| 9 | Invoice Due Date | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Due. Date | InvoicesReceived-invoiceDueDate |
| 10 | Supplier ID | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Specified. ADS Supplier\_ Party | InvoicesReceived-supplierID |
| 11 | Settlement Organization Code | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Settlement Organization. ADS\_ Business Segment | InvoicesReceived-settlementOrganizationCode |
| 12 | Settlement Method Code | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Specified. ADS Settlement Method\_ Code | InvoicesReceived-settlementMethodCode |
| 13 | Payment Term Code | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. ADS Payment Term\_ Code | InvoicesReceived-paymentTermCode |
| 14 | Terms Discount Percentage | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Terms Discount. Percentage | InvoicesReceived-termsDiscountPercentage |
| 15 | Terms Discount Days | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Terms Discoubt Days. Numeric | InvoicesReceived-termsDiscountDays |
| 16 | Terms Due Days | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Trms Due days. Numeric | InvoicesReceived-termsDueDays |
| 17 | Monetary Value | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Specified. ADS\_ Monetary Value | InvoicesReceived-MonetaryValue |
| 18 | Transaction Amount | 2 | 1..1 | ADS\_ Monetary Value. Transaction Currency. Amount | InvoicesReceived-transactionAmount |
| 19 | Created Activity | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. Specified. ADS Created\_ Activity | InvoicesReceived-Created |
| 20 | Created By | 2 | 1..1 | ADS\_ Created\_ Activity. Performed By. ADS\_ System User | InvoicesReceived-Created-user |
| 21 | Created Date | 2 | 1..1 | ADS\_ Created\_ Activity. Occurred. Date | InvoicesReceived-Created-date |
| 22 | Created Time | 2 | 0..1 | ADS\_ Created\_ Activity. Occurred. Time | This is included in the ISO 8601 representation of Created Date mentioned previously |
| 23 | Approved Activity | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Specified. ADS Approved\_ Activity | InvoicesReceived-Approved |
| 24 | Approved By | 2 | 1..1 | ADS\_ Approved\_ Activity. Performed By. ADS\_ System User | InvoicesReceived-Approved-user |
| 25 | Approved Date | 2 | 1..1 | ADS\_ Approved\_ Activity. Occurred. Date | InvoicesReceived-Approved-date |
| 26 | Approved Time | 2 | 0..1 | ADS\_ Approved\_ Activity. Occurred. Time | This is included in the ISO 8601 representation of Approved Date mentioned previously |
| 27 | Last Modified Activity | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Specified. ADS Last Mofified\_ Activity | InvoicesReceived-LastModified |
| 28 | Last Modified By | 2 | 1..1 | ADS\_ Last Modified\_ Activity. Performed By. ADS\_ System User | InvoicesReceived-LastModified-user |
| 29 | Last Modified Date | 2 | 1..1 | ADS\_ Last Modified\_ Activity. Occurred. Time | InvoicesReceived-LastModified-date |
| 30 | Last Modified Time | 2 | 0..1 | ADS\_ Last Modified\_ Activity. Occurred. Time | This is included in the ISO 8601 representation of Last Modified Date mentioned previously |
| 31 | Grouping Code | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Grouping. Code | InvoicesReceived-groupingCode |
| 32 | Charged Tax | 1 | 1..n | ADS Invoices Received\_ Trade Transaction. Charged. ADS\_ Tax | InvoicesReceived-Tax |
| 33 | Tax Type Code | 2 | 1..1 | ADS\_ Tax. Type. Code | InvoicesReceived-Tax-typeCode |
| 34 | Tax Transaction Amount | 2 | 1..1 | ADS\_ Tax. Calculated. Amount | InvoicesReceived-Tax-transactionAmount |
| 36 | Status | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Status. Code | InvoicesReceived-Tax-status |
| 37 | Remark | 1 | 0..1 | ADS Invoices Received\_ Trade Transaction. Remark. Text | InvoicesReceived-Tax-remark |
| 38 | Business Segment [X] | 1 | 1..1 | ADS Invoices Received\_ Trade Transaction. [X]. ADS Business Segment\_ Code | InvoicesReceived-businessSegment[X] |

**Table 130** provides a list of Business Information Entities for Invoice Received line Item.

Table 130 — Business Information Entities for Invoice Received Line Item

| No | Business Term | D | O | Dictionary Entry Name | BusinessTerm |
| --- | --- | --- | --- | --- | --- |
| 0 | Invoices Received Line Item | 0 | — | ADS Invoices Received\_ Trade Line Item. Detail | InvoicesReceivedLineItem |
| 1 | Invoice ID | 1 | 1..1 | ADS Invoices Received\_ Trade Line Item. Header. ADS Invoices Received\_ Trade Transaction | InvoicesReceivedLineItem-InvoicesReceivedLine-ID |
| 2 | Invoice Line ID | 1 | 1..1 | ADS Invoices Received\_ Trade Line Item. Identification. Identifier | InvoicesReceivedLineItem-ID |
| 3 | Sequence Number | 1 | 0..1 | ADS Invoices Received\_ Trade Line Item. Sequence. Numeric | InvoicesReceivedLineItem-sequenceNumber |
| 4 | Purchase Order ID | 1 | 1..1 | ADS Invoices Received\_ Trade Line Item. Defined. ADS Purchase Order\_ Trade Transaction | InvoicesReceivedLineItem-purchaseOrderID |
| 5 | Purchase Order Line ID | 1 | 1..1 | ADS Invoices Received\_ Trade Line Item. Defined. ADS Purchase Order\_ Trade Line Item | InvoicesReceivedLineItem-purchaseOrderLineID |
| 6 | Product | 1 | 1..1 | ADS Invoices Received\_ Trade Line Item. Defined. ADS\_ Product | InvoicesReceivedLineItem-Product |
| 7 | Product ID | 2 | 1..1 | ADS\_ Product. Identification. Identifier | InvoicesReceivedLineItem-Product-productID |
| 8 | Unit of Measurement Code | 2 | 1..1 | ADS\_ Product. Measurement. Code | InvoicesReceivedLineItem-Product-unitOfMeasurementCode |
| 9 | Basic UOM Quantity | 2 | 0..1 | ADS\_ Product. Basic UOM. Quantity | InvoicesReceivedLineItem-Product-masicUOMQuantity |
| 10 | Basic UOM Code | 2 | 0..1 | ADS\_ Product. Defined. ADS Measurement Unit\_ Code | InvoicesReceivedLineItem-Product-basicUOMCode |
| 11 | Indivisual Product Instance | 2 | 1..1 | ADS\_ Product. Individual. ADS\_ Product Instance | InvoicesReceivedLineItem-Product-IndivisualProductInstance |
| 12 | Actual Quantity | 3 | 1..1 | ADS\_ Product Instance. Actual. Quantity | InvoicesReceivedLineItem-Product-IndivisualProductInstance-actualQuantity |
| 13 | Tax Exclude Unit Price | 3 | 0..1 | ADS\_ Product Instance. Tax Exclude. Unit Price | InvoicesReceivedLineItem-Product-IndivisualProductInstance-taxExcludeUnitPrice |
| 14 | Tax Include Unit Price | 3 | 0..1 | ADS\_ Product Instance. Tax Include. Unit Price | InvoicesReceivedLineItem-Product-IndivisualProductInstance-taxIncludeUnitPrice |
| 15 | Tax Exclude Amount | 3 | 0..1 | ADS\_ Product Instance. Tax Exclude. Amount | InvoicesReceivedLineItem-Product-IndivisualProductInstance-taxExcludeAmount |
| 16 | Tax Include Amount | 3 | 0..1 | ADS\_ Product Instance. Tax Include. Amount | InvoicesReceivedLineItem-Product-IndivisualProductInstance-taxIncludeAmount |
| 17 | Transaction Amount | 2 | 1..1 | ADS\_ Monetary Value. Transaction Currency. Amount | InvoicesReceivedLineItem-MonetaryValue-transactionAmount |
| 18 | Grouping Code | 1 | 0..1 | ADS Invoices Received\_ Trade Line Item. Grouping. Code | InvoicesReceivedLineItem-groupingCode |
| 19 | Charged Tax | 1 | 1..n | ADS Invoices Received\_ Trade Line Item. Charged. ADS\_ Tax | InvoicesReceivedLineItem-Tax |
| 20 | Tax Type Code | 2 | 1..1 | ADS\_ Tax. Type. Code | InvoicesReceivedLineItem-Tax-typeCode |
| 21 | Tax Transaction Amount | 2 | 1..1 | ADS\_ Tax. Calculated. Amount | InvoicesReceivedLineItem-Tax-transactionAmount |
| 22 | Tax Debit Account Number | 2 | 0..1 | ADS\_ Tax. Debit. ADS\_ Accounting Account | InvoicesReceivedLineItem-Tax-debitAccountNumber |
| 23 | Tax Credit Account Number | 2 | 0..1 | ADS\_ Tax. Credit. ADS\_ Accounting Account | InvoicesReceivedLineItem-Tax-creditAccountNumber |
| 24 | GL Line Debit Account Number | 1 | 0..1 | ADS Invoices Received\_ Trade Line Item. Debit. ADS\_ Accounting Account | InvoicesReceivedLineItem-gLLineDebitAccountNumber |
| 25 | GL Line Credit Account Number | 1 | 0..1 | ADS Invoices Received\_ Trade Line Item. Credit. ADS\_ Accounting Account | InvoicesReceivedLineItem-gLLineCreditAccountNumber |
| 26 | Business Segment [X] | 1 | 1..1 | ADS Invoice Received\_ Trade Line Item. [X]. ADS Business Segment\_ Code | InvoicesReceivedLineItem-businessSegment[X] |

### Inventory

#### Inventory Location

TBD

#### Inventory Product

TBD

#### Inventory On Hand

TBD

#### Inventory Transaction

TBD

#### Physical Inventory

TBD

#### Period Balance

TBD

### Property, Plant and Equipment

#### PPE Master

TBD

#### PPE Transaction

TBD

#### PPE Department Allocation

TBD

#### PPE Depreciation

TBD

## Business rules

### Order to Cash

TBD

### Purchase to Pay

### Inventory

#### Inventory Location

TBD

#### Inventory Product

TBD

#### Inventory On Hand

TBD

#### Inventory Transaction

TBD

#### Physical Inventory

TBD

#### Period Balance

TBD

### Property, Plant and Equipment

#### PPE Master

TBD

#### PPE Transaction

TBD

#### PPE Department Allocation

TBD

#### PPE Depreciation

TBD

## Syntax binding for xBRL-XML

### General

The xBRL-XML format is traditional XBRL instance document.

### xBRL-XML taxonomy document

The audit data collection taxonomy for xBRL-XML shall be defined following a modelling approach based on audit data collection semantic data model and XBRL specifications listed in Bibliography.

### xBRL-XML instance document

The audit data collection instance document for xBRL-XML shall be defined following a modelling approach based on audit data collection semantic data model and XBRL specifications listed in Bibliography.

## Syntax binding for xBRL-CSV

### General

The xBRL-CSV format means that highly granular data can be presented in Comma Separated Values while still being tightly defined in a taxonomy, fully validated, and subject to any necessary business rule constraints.

### xBRL-CSV taxonomy document

The audit data collection taxonomy for xBRL-CSV shall be the same as the taxonomy for xBRL-XML.

### xBRL-CSV instance document

The xBRL-CSV Audit Data Collection Instance document consists of a CSV file and a JSON file that defines metadata that specifies the location of the taxonomy and the mapping of CSV file columns to taxonomy items.

1. (informative)  
     
   Example XBRL instance document for invoice
   1. Example of an XBRL instance documents in xBRL-CSV
      1. CSV file

The following is an example of an XBRL instance document in xBRL-CSV.

d1,d2,d3,cor-76,cor-79,cor-73,cen-81,cen-83,cen-84,cen-24,cen-35,cen-37,cen-38,cen-40,cen-46,cen-44,cen-50,cen-52,cen-53,cen-55,muc-4,muc-33,cor-22,cen-129,cen-131,cen-151,cen-152,cen-146,bus-143,cen-106,cen-109,cen-111,cen-112,cen-115,cen-116,cen-117,cen-118,cen-119

cG2,,,12115118,2015-01-09,380,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

cG2,eG16,,,,,30,Deb.10202.Fact.12115118,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

cG2,eG16,eG17,,,,,,NL57RABO0107307510,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

cG2,eG2,,,,,,,,urn:cen.eu:en16931:2017,,,,,,,,,,,,,,,,,,,,,,,,,,,,

cG3,eG4,eG5,,,,,,,,Postbus7l,Velsen-Noord,1950AB,NL,,,,,,,,,,,,,,,,,,,,,,,,

cG3,eG7,,,,,,,,,,,,,10202,ODIN59,,,,,,,,,,,,,,,,,,,,,,

cG3,eG7,eG8,,,,,,,,,,,,,,POSTBUS367,HEEMSKERK,1960AJ,NL,,,,,,,,,,,,,,,,,,

cG4,,,,,,,,,,,,,,,,,,,,iso4217:EUR,iso4217:EUR,,,,,,,,,,,,,,,,

cG4,cG5,,,,,,,,,,,,,,,,,,,,,1,2,19.9,,,,,,,,,,,,,

cG4,cG5,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5,eG29,,,,,,,,,,,,,,,,,,,,,,,,,9.95,,,,,,,,,,

cG4,cG5,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,PATATFRITES10MM10KG,,,,,,,,,

cG4,cG5.1,,,,,,,,,,,,,,,,,,,,,2,1,9.85,,,,,,,,,,,,,

cG4,cG5.1,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.1,eG29,,,,,,,,,,,,,,,,,,,,,,,,,9.85,,,,,,,,,,

cG4,cG5.1,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,PKAAS50PL.JONGBEL.1KG,,,,,,,,,

cG4,cG5.2,,,,,,,,,,,,,,,,,,,,,3,1,8.29,,,,,,,,,,,,,

cG4,cG5.2,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.2,eG29,,,,,,,,,,,,,,,,,,,,,,,,,8.29,,,,,,,,,,

cG4,cG5.2,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,POTKETCHUP3LT,,,,,,,,,

cG4,cG5.3,,,,,,,,,,,,,,,,,,,,,4,2,14.46,,,,,,,,,,,,,

cG4,cG5.3,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.3,eG29,,,,,,,,,,,,,,,,,,,,,,,,,7.23,,,,,,,,,,

cG4,cG5.3,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,FRITESSAUS3LRR,,,,,,,,,

cG4,cG5.4,,,,,,,,,,,,,,,,,,,,,5,1,35,,,,,,,,,,,,,

cG4,cG5.4,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.4,eG29,,,,,,,,,,,,,,,,,,,,,,,,,35,,,,,,,,,,

cG4,cG5.4,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,KOFFIEBLIK3.5KGSNELF,,,,,,,,,

cG4,cG5.5,,,,,,,,,,,,,,,,,,,,,6,1,35,,,,,,,,,,,,,

cG4,cG5.5,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.5,eG29,,,,,,,,,,,,,,,,,,,,,,,,,35,,,,,,,,,,

cG4,cG5.5,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,KOFFIE3.5KGBLIKSTAND,,,,,,,,,

cG4,cG5.6,,,,,,,,,,,,,,,,,,,,,7,1,10.65,,,,,,,,,,,,,

cG4,cG5.6,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.6,eG29,,,,,,,,,,,,,,,,,,,,,,,,,10.65,,,,,,,,,,

cG4,cG5.6,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,SUIKERKLONT,,,,,,,,,

cG4,cG5.7,,,,,,,,,,,,,,,,,,,,,8,1,1.55,,,,,,,,,,,,,

cG4,cG5.7,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.7,eG29,,,,,,,,,,,,,,,,,,,,,,,,,1.55,,,,,,,,,,

cG4,cG5.7,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,1KGULBLOKJES,,,,,,,,,

cG4,cG5.8,,,,,,,,,,,,,,,,,,,,,9,3,14.37,,,,,,,,,,,,,

cG4,cG5.8,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.8,eG29,,,,,,,,,,,,,,,,,,,,,,,,,4.79,,,,,,,,,,

cG4,cG5.8,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,BLOCKNOTEA5,,,,,,,,,

cG4,cG5.9,,,,,,,,,,,,,,,,,,,,,10,1,8.29,,,,,,,,,,,,,

cG4,cG5.9,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.9,eG29,,,,,,,,,,,,,,,,,,,,,,,,,8.29,,,,,,,,,,

cG4,cG5.9,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,CHIPSNATKLEINZAKJES,,,,,,,,,

cG4,cG5.10,,,,,,,,,,,,,,,,,,,,,11,2,16.58,,,,,,,,,,,,,

cG4,cG5.10,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.10,eG29,,,,,,,,,,,,,,,,,,,,,,,,,8.29,,,,,,,,,,

cG4,cG5.10,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,CHIPSPAPKLEINEZAKJES,,,,,,,,,

cG4,cG5.11,,,,,,,,,,,,,,,,,,,,,12,1,9.95,,,,,,,,,,,,,

cG4,cG5.11,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.11,eG29,,,,,,,,,,,,,,,,,,,,,,,,,9.95,,,,,,,,,,

cG4,cG5.11,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,TRKLPAKJESAPPELSAP,,,,,,,,,

cG4,cG5.12,,,,,,,,,,,,,,,,,,,,,13,2,3.3,,,,,,,,,,,,,

cG4,cG5.12,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.12,eG29,,,,,,,,,,,,,,,,,,,,,,,,,1.65,,,,,,,,,,

cG4,cG5.12,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,PKCHOCOLADEMEL,,,,,,,,,

cG4,cG5.13,,,,,,,,,,,,,,,,,,,,,14,1,10.8,,,,,,,,,,,,,

cG4,cG5.13,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.21,,,,,,,,,,,

cG4,cG5.13,eG29,,,,,,,,,,,,,,,,,,,,,,,,,10.8,,,,,,,,,,

cG4,cG5.13,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,KRATBIER,,,,,,,,,

cG4,cG5.14,,,,,,,,,,,,,,,,,,,,,15,1,3.9,,,,,,,,,,,,,

cG4,cG5.14,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.14,eG29,,,,,,,,,,,,,,,,,,,,,,,,,3.9,,,,,,,,,,

cG4,cG5.14,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,STATIEGELD,,,,,,,,,

cG4,cG5.15,,,,,,,,,,,,,,,,,,,,,16,2,7.6,,,,,,,,,,,,,

cG4,cG5.15,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.21,,,,,,,,,,,

cG4,cG5.15,eG29,,,,,,,,,,,,,,,,,,,,,,,,,3.8,,,,,,,,,,

cG4,cG5.15,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,BLEEK3X750ML,,,,,,,,,

cG4,cG5.16,,,,,,,,,,,,,,,,,,,,,17,2,9.34,,,,,,,,,,,,,

cG4,cG5.16,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.21,,,,,,,,,,,

cG4,cG5.16,eG29,,,,,,,,,,,,,,,,,,,,,,,,,4.67,,,,,,,,,,

cG4,cG5.16,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,WCPAPIER,,,,,,,,,

cG4,cG5.17,,,,,,,,,,,,,,,,,,,,,18,1,18.63,,,,,,,,,,,,,

cG4,cG5.17,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.21,,,,,,,,,,,

cG4,cG5.17,eG29,,,,,,,,,,,,,,,,,,,,,,,,,18.63,,,,,,,,,,

cG4,cG5.17,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,BALPENNEN50STBLAUW,,,,,,,,,

cG4,cG5.18,,,,,,,,,,,,,,,,,,,,,19,6,102.12,,,,,,,,,,,,,

cG4,cG5.18,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.18,eG29,,,,,,,,,,,,,,,,,,,,,,,,,17.02,,,,,,,,,,

cG4,cG5.18,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,EMFRITUURVET,,,,,,,,,

cG4,cG5.19,,,,,,,,,,,,,,,,,,,,,20,6,-109.98,,,,,,,,,,,,,

cG4,cG5.19,cG19,,,,,,,,,,,,,,,,,,,,,,,S,0.06,,,,,,,,,,,

cG4,cG5.19,eG29,,,,,,,,,,,,,,,,,,,,,,,,,18.33,,,,,,,,,,

cG4,cG5.19,eG31,,,,,,,,,,,,,,,,,,,,,,,,,,FRITUURVET10KGRETOUR,,,,,,,,,

cG4,eG22,,,,,,,,,,,,,,,,,,,,,,,,,,,,229.6,229.6,20.73,250.33,250.33,,,,

cG4,eG23,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,183.23,10.99,S,0.06

cG4,eG23.1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,46.37,9.74,S,0.21

* + 1. Metadata file

The following is a xBRL-CSV metadata file, which is a JSON file.

{

"documentInfo": {

"documentType": "https://xbrl.org/CR/2021-02-03/xbrl-csv",

"namespaces": {

"c": "http://www.xbrl.org/int/gl/cor/2020-12-31",

"b": "http://www.xbrl.org/int/gl/bus/2020-12-31",

"m": "http://www.xbrl.org/int/gl/muc/2020-12-31",

"e": "http://www.xbrl.org/int/gl/cen/2020-12-31",

"ns0": "http://www.xbrlglco.com",

"iso4217": "http://www.xbrl.org/2003/iso4217"

},

"taxonomy": [

"../xBRL/gl/plt/case-cen/gl-plt-2020-12-31.xsd"

]

},

"tableTemplates": {

"gl": {

"columns": {

"d1": {},

"d2": {},

"d3": {},

"cor-76": {

"dimensions": {

"concept": "c:cor-76"

}

},

"cor-79": {

"dimensions": {

"concept": "c:cor-79"

}

},

"cor-73": {

"dimensions": {

"concept": "c:cor-73"

}

},

"cen-81": {

"dimensions": {

"concept": "e:cen-81"

}

},

"cen-83": {

"dimensions": {

"concept": "e:cen-83"

}

},

"cen-84": {

"dimensions": {

"concept": "e:cen-84"

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"cen-24": {

"dimensions": {

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"cen-35": {

"dimensions": {

"concept": "e:cen-35"

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"cen-37": {

"dimensions": {

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"cen-38": {

"dimensions": {

"concept": "e:cen-38"

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"cen-40": {

"dimensions": {

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"cen-46": {

"dimensions": {

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"cen-44": {

"dimensions": {

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"cen-50": {

"dimensions": {

"concept": "e:cen-50"

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"cen-52": {

"dimensions": {

"concept": "e:cen-52"

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"cen-53": {

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"cen-55": {

"dimensions": {

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"muc-4": {

"dimensions": {

"concept": "m:muc-4"

}

},

"muc-33": {

"dimensions": {

"concept": "m:muc-33"

}

},

"cor-22": {

"dimensions": {

"concept": "c:cor-22"

}

},

"cen-129": {

"dimensions": {

"concept": "e:cen-129"

}

},

"cen-131": {

"dimensions": {

"concept": "e:cen-131",

"unit": "iso4217:EUR"

}

},

"cen-151": {

"dimensions": {

"concept": "e:cen-151"

}

},

"cen-152": {

"dimensions": {

"concept": "e:cen-152"

}

},

"cen-146": {

"dimensions": {

"concept": "e:cen-146",

"unit": "iso4217:EUR"

}

},

"bus-143": {

"dimensions": {

"concept": "b:bus-143"

}

},

"cen-106": {

"dimensions": {

"concept": "e:cen-106",

"unit": "iso4217:EUR"

}

},

"cen-109": {

"dimensions": {

"concept": "e:cen-109",

"unit": "iso4217:EUR"

}

},

"cen-111": {

"dimensions": {

"concept": "e:cen-111",

"unit": "iso4217:EUR"

}

},

"cen-112": {

"dimensions": {

"concept": "e:cen-112",

"unit": "iso4217:EUR"

}

},

"cen-115": {

"dimensions": {

"concept": "e:cen-115",

"unit": "iso4217:EUR"

}

},

"cen-116": {

"dimensions": {

"concept": "e:cen-116",

"unit": "iso4217:EUR"

}

},

"cen-117": {

"dimensions": {

"concept": "e:cen-117",

"unit": "iso4217:EUR"

}

},

"cen-118": {

"dimensions": {

"concept": "e:cen-118"

}

},

"cen-119": {

"dimensions": {

"concept": "e:cen-119"

}

}

},

"dimensions": {

"c:d1": "$d1",

"c:d2": "$d2",

"c:d3": "$d3",

"period": "2007-06-01T00:00:00",

"entity": "ns0:XBRL GL Co."

}

}

},

"tables": {

"gl": {

"url": "xbrl-gl\_ubl\_example1.csv"

}

}

}

* 1. Example of an XBRL instance document in xBRL-XML

The following is an example of an XBRL instance document in xBRL-XML.

<?xml version="1.0" encoding="UTF-8"?>

<xbrli:xbrl xmlns:xbrll="http://www.xbrl.org/2003/linkbase" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:iso639="http://www.xbrl.org/2005/iso639" xmlns:iso4217="http://www.xbrl.org/2003/iso4217" xmlns:xbrli="http://www.xbrl.org/2003/instance" xmlns:xbrldi="http://xbrl.org/2006/xbrldi" xmlns:c="http://www.xbrl.org/int/gl/cor/2020-12-31" xmlns:b="http://www.xbrl.org/int/gl/bus/2020-12-31" xmlns:m="http://www.xbrl.org/int/gl/muc/2020-12-31" xmlns:t="http://www.xbrl.org/int/gl/taf/2020-12-31" xmlns:h="http://www.xbrl.org/int/gl/ehm/2020-12-31" xmlns:e="http://www.xbrl.org/int/gl/cen/2020-12-31">

<xbrll:schemaRef xlink:type="simple" xlink:href="../plt/case-cen/gl-plt-2020-12-31.xsd" xlink:arcrole="http://www.w3.org/1999/xlink/properties/linkbase" />

<xbrli:unit id="pure">

<xbrli:measure>xbrli:pure</xbrli:measure>

</xbrli:unit>

<xbrli:unit id="EUR">

<xbrli:measure>iso4217:EUR</xbrli:measure>

</xbrli:unit>

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<xbrli:entity>

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<xbrli:period>

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</xbrli:period>

<xbrli:scenario>

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<c:cor-76 contextRef="cG2">20150483</c:cor-76>

<c:cor-79 contextRef="cG2">2015-04-01</c:cor-79>

<c:cor-73 contextRef="cG2">380</c:cor-73>

<e:cen-12 contextRef="cG2">iExpress 2110412</e:cen-12>

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<c:\_2>eG16</c:\_2>

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<e:cen-81 contextRef="cG2eG16">30</e:cen-81>

<e:cen-83 contextRef="cG2eG16">2015 0483 0000 0000</e:cen-83>

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<c:\_3>eG17</c:\_3>

</xbrldi:typedMember>

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<e:cen-84 contextRef="cG2eG16eG17">NL13RABO0377815500</e:cen-84>

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<xbrli:scenario>

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</xbrldi:typedMember>

<xbrldi:typedMember dimension="c:d2">

<c:\_2>eG1</c:\_2>

</xbrldi:typedMember>

</xbrli:scenario>

</xbrli:context>

<e:cen-22 contextRef="cG2eG1">Vriendelijk verzoeken wij u ervoor te zorgen dat het bedrag voor de vervaldatum op onze rekening staat onder vermelding van et factuurnummer. Het bankrekeningnummer is 37.78.15.500, Rabobank, t.n.v. Bluem te Amersfoort. Reclames gaarne binnen 0 dagen. Gelieve bij navraag en correspondentie uw firma naam en factuurnummer vermelden. </e:cen-22>

<xbrli:context id="cG2eG2">

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<c:\_2>eG2</c:\_2>

</xbrldi:typedMember>

</xbrli:scenario>

</xbrli:context>

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<c:\_2>eG4</c:\_2>

</xbrldi:typedMember>

</xbrli:scenario>

</xbrli:context>

<e:cen-30 contextRef="cG3eG4">32081330 Amersfoort</e:cen-30>

<e:cen-31 contextRef="cG3eG4">NL809163160B01</e:cen-31>

<e:cen-32 contextRef="cG3eG4">NL809163160B01</e:cen-32>

<e:cen-27 contextRef="cG3eG4">Bluem BV</e:cen-27>

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<xbrldi:typedMember dimension="c:d3">

<c:\_3>eG5</c:\_3>

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<e:cen-35 contextRef="cG3eG4eG5">Lindeboomseweg 41</e:cen-35>

<e:cen-37 contextRef="cG3eG4eG5">Amersfoort</e:cen-37>

<e:cen-38 contextRef="cG3eG4eG5">3825 AL</e:cen-38>

<e:cen-40 contextRef="cG3eG4eG5">NL</e:cen-40>

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<c:\_2>eG7</c:\_2>

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</xbrli:context>

<e:cen-44 contextRef="cG3eG7">Provide Verzekeringen</e:cen-44>

<xbrli:context id="cG3eG7eG8">

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<xbrldi:typedMember dimension="c:d3">

<c:\_3>eG8</c:\_3>

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<e:cen-50 contextRef="cG3eG7eG8">Henry Dunantweg 42</e:cen-50>

<e:cen-52 contextRef="cG3eG7eG8">Alphen aan den Rijn</e:cen-52>

<e:cen-53 contextRef="cG3eG7eG8">2402 NR</e:cen-53>

<e:cen-55 contextRef="cG3eG7eG8">NL</e:cen-55>

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</xbrli:context>

<m:muc-4 contextRef="cG4">EUR</m:muc-4>

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</xbrldi:typedMember>

<xbrldi:typedMember dimension="c:d2">

<c:\_2>cG5</c:\_2>

</xbrldi:typedMember>

</xbrli:scenario>

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<c:cor-22 contextRef="cG4cG5" decimals="INF" unitRef="pure">1</c:cor-22>

<e:cen-129 contextRef="cG4cG5" decimals="INF" unitRef="pure">3</e:cen-129>

<e:cen-130 contextRef="cG4cG5">3</e:cen-130>

<e:cen-131 contextRef="cG4cG5" decimals="INF" unitRef="EUR">147</e:cen-131>

<xbrli:context id="cG4cG5eG26">

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<c:\_2>cG5</c:\_2>

</xbrldi:typedMember>

<xbrldi:typedMember dimension="c:d3">

<c:\_3>eG26</c:\_3>

</xbrldi:typedMember>

</xbrli:scenario>

</xbrli:context>

<b:bus-148 contextRef="cG4cG5eG26">2016-04-01</b:bus-148>

<b:bus-149 contextRef="cG4cG5eG26">2016-04-01</b:bus-149>

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</xbrli:scenario>

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<e:cen-151 contextRef="cG4cG5cG19">VAT</e:cen-151>

<e:cen-152 contextRef="cG4cG5cG19" decimals="INF" unitRef="pure">0.21</e:cen-152>

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<xbrldi:typedMember dimension="c:d2">

<c:\_2>cG5</c:\_2>

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<xbrldi:typedMember dimension="c:d3">

<c:\_3>eG29</c:\_3>

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<e:cen-146 contextRef="cG4cG5eG29" decimals="INF" unitRef="EUR">49</e:cen-146>

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<xbrldi:typedMember dimension="c:d3">

<c:\_3>eG31</c:\_3>

</xbrldi:typedMember>

</xbrli:scenario>

</xbrli:context>

<b:bus-143 contextRef="cG4cG5eG31">IExpress licentiekosten</b:bus-143>

<xbrli:context id="cG4cG5eG32">

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</xbrldi:typedMember>

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<e:cen-160 contextRef="cG4cG5eG32">Verbruikscategorie</e:cen-160>

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</xbrli:context>

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<e:cen-109 contextRef="cG4eG22" decimals="INF" unitRef="EUR">147</e:cen-109>

<e:cen-110 contextRef="cG4eG22" decimals="INF" unitRef="EUR">30.87</e:cen-110>

<e:cen-111 contextRef="cG4eG22" decimals="INF" unitRef="EUR">30.87</e:cen-111>

<e:cen-112 contextRef="cG4eG22" decimals="INF" unitRef="EUR">177.87</e:cen-112>

<e:cen-115 contextRef="cG4eG22" decimals="INF" unitRef="EUR">177.87</e:cen-115>

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<c:\_2>eG23</c:\_2>

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<e:cen-116 contextRef="cG4eG23" decimals="INF" unitRef="EUR">147</e:cen-116>

<e:cen-117 contextRef="cG4eG23" decimals="INF" unitRef="EUR">30.87</e:cen-117>

<e:cen-118 contextRef="cG4eG23">VAT</e:cen-118>

<e:cen-119 contextRef="cG4eG23" decimals="INF" unitRef="pure">0.21</e:cen-119>

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