

Exchange formats for the Audit Data Collection Standard: XBRL

Draft

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Foreword

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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.

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;

- a) 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.
- b) 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.
- c) 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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Exchange formats for the Audit Data Collection Standard: XBRL

1 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

2 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

3 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]

4 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

5 Semantic modeling

5.1 General

Write introduction

5.2 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.

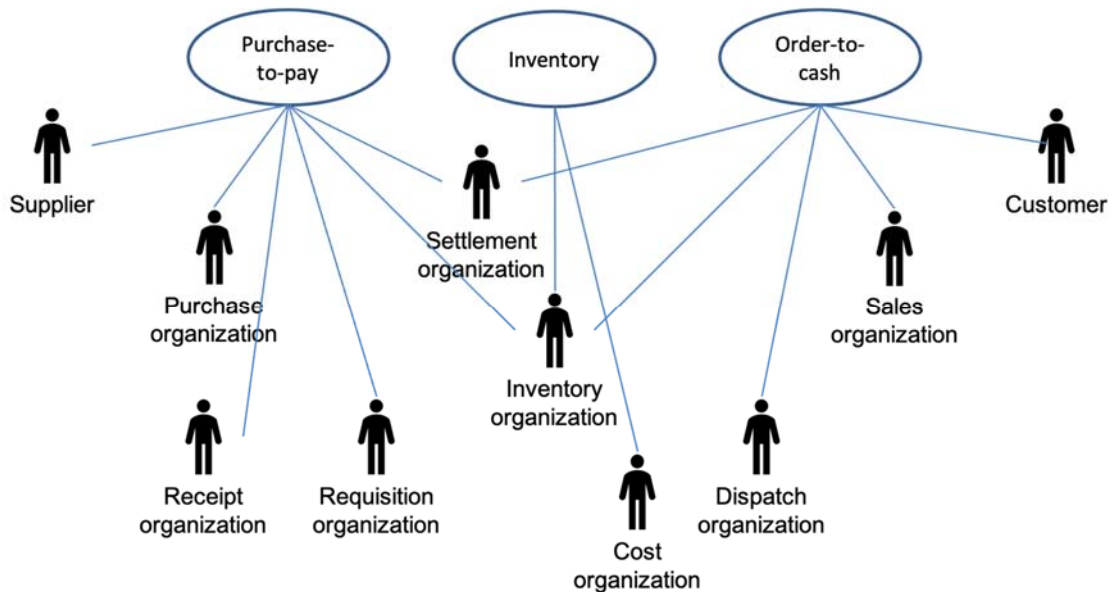


Figure 1 — Party and their roles (informative)

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.

5.3 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.

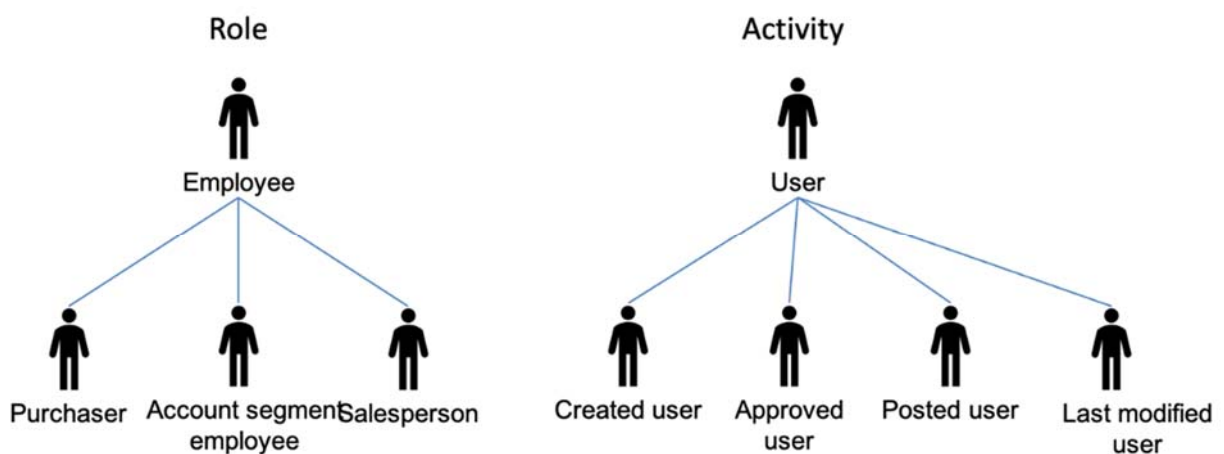


Figure 2 — Employee roles and user activities (informative)

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

5.4 Business processes

5.4.1 General

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

5.5 Business controls and audit trails

5.5.1 General

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

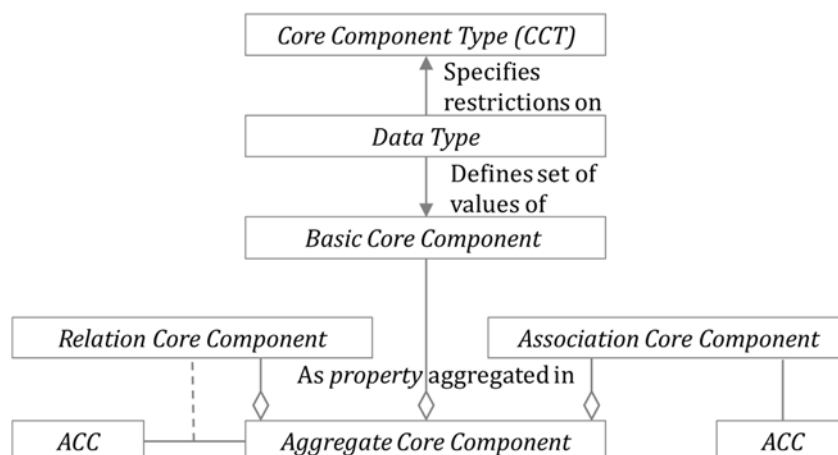
5.6 Semantic data modeling

5.6.1 Core Components Specification

5.6.1.1 General

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

Figure 3 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 3 — 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 4**.

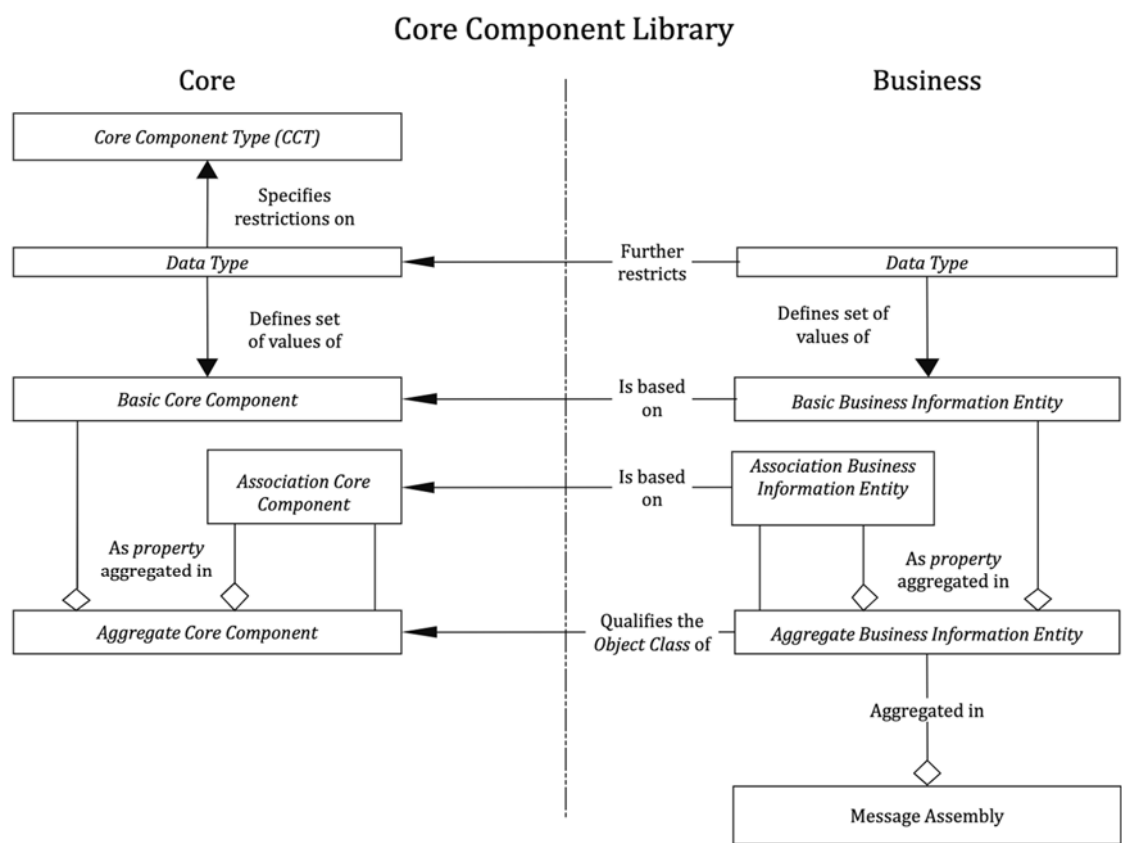


Figure 4 — Relationships between Core Components and Business Information Entities

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.

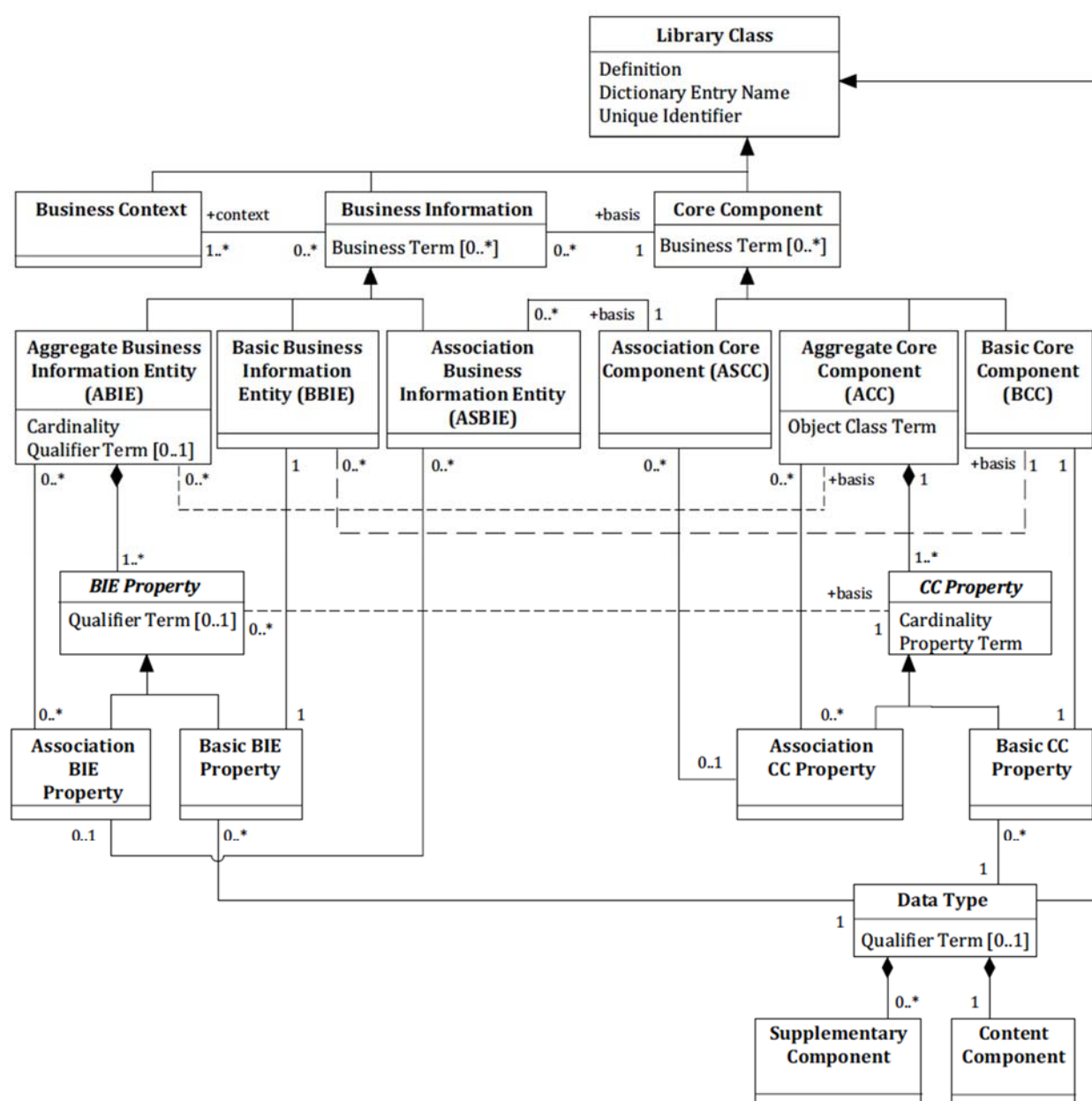


Figure 5 — Business Information Entities Basic Definition Model

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.

5.6.1.2 Semantic data type

Table 1 lists semantic data types from Core Component type. The reference identifier is added to the data type defined in ISO 15000-5.

Table 1 — 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

Semantic data type	Component		Use	Primitive Type	Example	Description
	d	Amount. Currency. Identifier	C	String	JPY	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.
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 implicit.
	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.

Semantic data type	Component		Use	Primitive Type	Example	Description
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						

5.6.1.3 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 2 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 2 — 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

5.6.2 Core Components

5.6.2.1 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
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No: A sequence number for the information element.

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

- a) ACC: Aggregate Core Component
- b) ASCC: Association Core Component
- c) BCC: Basic Core Component
- d) IDCC: Identifier Core Component
- e) 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 UNnnnnnnnnn. 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 Business 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 Business 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 Business 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 Business 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 }

5.6.2.2 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

5.6.2.3 Common component group

5.6.2.3.1 Type

Table 3 provides a list of Core Components for Type.

Table 3 — 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

5.6.2.3.2 Code

Table 4 provides a list of Core Components for Code.

Table 4 — 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

No	CC	Business Term	Definition	ID	Dictionary Entry Name
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

5.6.2.3.3 List

Table 5 provides a list of Core Components for List.

Table 5 — 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]

5.6.2.3.4 Skeleton

Table 6 provides a list of Core Components for Skeleton.

Table 6 — Core Components for Skeleton

No	CC	Business Term	Definition	ID	Dictionary Entry Name
0	ACC	Skeleton	A Skeleton.	ADCS-00026	Skeleton. Details

No	CC	Business Term	Definition	ID	Dictionary Entry Name
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]

5.6.2.4 Organization

5.6.2.4.1 Address

Table 7 provides a list of Core Components for Address.

Table 7 — 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

5.6.2.4.2 Party

Table 8 provides a list of Core Components for Party.

Table 8 — 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

No	CC	Business Term	Definition	ID	Dictionary Entry Name
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 Fflag	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

No	CC	Business Term	Definition	ID	Dictionary Entry Name
23	ASCC	Associated Party	A party associated with this party, such as a local agent of a shipping line.	UN000 03000	Party. Associated. Party

5.6.2.4.3 Organization

Table 9 provides a list of Core Components for Organization.

Table 9 — 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.	UN000 00053	Organization. Identification. Identifier
2	BCC	Business Type	A code specifying a type of business of this organization.	UN000 00057	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.	UN000 00056	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.	UN000 00055	Organization. Tax Registration. Identifier
5	BCC	Name	A name, expressed as text, of this organization.	UN000 00054	Organization. Name. Text
6	BCC	Description	A textual description of this organization.	UN000 00225	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.	UN000 02512	Organization. Active. Indicator

No	CC	Business Term	Definition	ID	Dictionary Entry Name
21	BCC	Description	The textual description of the operations performed by this organization.	UN000 02514	Organization. Operations Description. Text
22	BCC	Parent Organization	The parent organization, expressed as text, of this organization.	UN000 04902	Organization. Parent. Text
23	BCC	Parent Organization ID	A unique identifier for the parent of this organization.	UN000 04904	Organization. Parent. Identifier
25	ASCC	Primary Contact	A primary contact information for this organization.	UN000 00063	Organization. Primary. Contact
26	ASCC	Postal Address	A postal address for this organization.	UN000 00052	Organization. Postal. Address
27	ASCC	Physical Address	A physical address for this organization.	UN000 08204	Organization. Physical. Address
30	ASCC	Operating Period	The period during which the organization has actually been operating.	UN000 02529	Organization. Operating. Period
32	ASCC	Parent Organization	A parent organization of this organization.	UN000 04905	Organization. Parent. Organization

5.6.2.5 Person

5.6.2.5.1 Contact

Table 10 provides a list of Core Components for Contact.

Table 10 — 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.	UN000 00123	Contact. Identification. Identifier
2	BCC	Name	A name, expressed as text, of this contact person.	UN000 00231	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

5.6.2.5.2 Person

Table 11 provides a list of Core Components for Person.

Table 11 — 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	Abbreviation	A text specifying a abbreviation for this person.	ADCS-00055	Person. Abbreviation. 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

5.6.2.5.3 Employee

Table 12 provides a list of Core Components for Employee.

Table 12 — 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

No	CC	Business Term	Definition	ID	Dictionary Entry Name
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.	UN0004027	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

5.6.2.5.4 System User

Table 13 provides a list of Core Components for System User.

Table 13 — 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

No	CC	Business Term	Definition	ID	Dictionary Entry Name
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

5.6.2.5.5 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 14 provides a list of Core Components for Activity.

Table 14 — 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.	UN0008108	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.	UN0008109	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.	UN0008110	Activity. Reason. Code

Table 15 provides a list of Core Components for Entered Activity.

Table 15 — 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 16 provides a list of Core Components for Approved Activity.

Table 16 — 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 17 provides a list of Core Components for Last Modified Activity.

Table 17 — 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 18 provides a list of Core Components for Posted Activity.

Table 18 — 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 19 provides a list of Core Components for Created Activity.

Table 19 — 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

5.6.2.6 Financial

5.6.2.6.1 Financial Institution

Table 20 provides a list of Core Components for Financial Institution.

Table 20 — 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.	UN0001005	Financial Institution. Identification. Identifier
2	BCC	Business Entity Identifier	The unique Business Entity Identifier (BEI) as defined in ISO 9362 for this financial institution.	UN0001006	Financial Institution. BEI. Identifier

No	CC	Business Term	Definition	ID	Dictionary Entry Name
3	BCC	Bank Identification Code	The unique Bank Identification Code (BIC) as defined in ISO 9362 for this financial institution.	UN000 01007	Financial Institution. BIC. Identifier
4	BCC	Global Location Number	The unique Global Location Number (GLN) as defined by GS1 for this financial institution.	UN000 01008	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.	UN000 01009	Financial Institution. Name. Text
7	BCC	Role Code	The code specifying a role for this financial institution, such as intermediary or settlement agent.	UN000 01010	Financial Institution. Role. Code
8	BCC	Clearing System Name	A clearing system name, expressed as text, for this financial institution.	UN000 02656	Financial Institution. Clearing System Name. Text
9	BCC	Clearing System ID	A clearing system identifier for this financial institution.	UN000 08716	Financial Institution. Clearing System. Identifier
10	ASCC	Location Address	The postal address for this financial institution.	UN000 01011	Financial Institution. Location. Address
11	ASCC	Residence Country	The country where this financial institution is located.	UN000 01012	Financial Institution. Residence. Country
12	ASCC	Sub-Division	A financial institution that is a sub-division (branch) of this financial institution.	UN000 02657	Financial Institution. Sub-Division. Financial Institution
13	ASCC	Organizational Unit	A financial institution that is an organizational unit of this financial institution.	UN000 07423	Financial Institution. Organizational Unit. Financial Institution
14	ASCC	Specified Identity	An identity specified for this financial institution.	UN000 08717	Financial Institution. Specified. Identity

5.6.2.7 Monetary

5.6.2.7.1 Monetary Value

Table 21 provides a list of Core Components for Monetary Value.

Table 21 — 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

No	CC	Business Term	Definition	ID	Dictionary Entry Name
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

5.6.2.7.2 Accounting Account

Table 22 provides a list of Core Components for Accounting Account.

Table 22 — 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.	UN000 01268	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.	UN000 01270	Accounting Account. Type. Code
4	BCC	Sub Type	A code of subtype for this accounting account.	ADCS-00119	Accounting Account. Sub Type. Code

No	CC	Business Term	Definition	ID	Dictionary Entry Name
5	BCC	Name	The name, expressed as text, of this accounting account.	UN000 02146	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.	UN000 04511	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.	UN000 04787	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).	UN000 04792	Accounting Account. Balance Normal Sign. Code
15	ASCC	Accounting Account Classification	The classification related to this accounting account.	UN000 04812	Accounting Account. Related. Accounting Account Classification
16	ASCC	Financial Account	A financial account specified for this accounting account.	UN000 04816	Accounting Account. Specified. Financial Account
17	ASCC	Linked Accounting Account	An accounting account linked to this accounting account.	UN000 04817	Accounting Account. Linked. Accounting Account

5.6.2.8 Measureable**5.6.2.9 Accounting****5.6.2.9.1 Period**

Table 23 provides a list of Core Components for Period.

Table 23 — 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.	UN000 01245	Period. Identification. Identifier

No	CC	Business Term	Definition	ID	Dictionary Entry Name
2	BCC	Version ID	An identifier of a version of this period.	UN000 07456	Period. Version. Identifier
3	BCC	Sequence Number	A sequence number for this period.	UN000 01413	Period. Sequence. Numeric
4	BCC	Name	A name, expressed as text, of this period.	UN000 01412	Period. Name. Text
5	BCC	Description	A textual description of this period of time.	UN000 00119	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.	UN000 00120	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.	UN000 00121	Period. End. Date Time
10	BCC	Inclusive Flag	The indication of whether or not the start and end dates are included in this period.	UN000 00118	Period. Inclusive. Indicator
18	BCC	Duration Code	The code specifying the duration for this period, such as under one year, over one year.	UN000 08021	Period. Duration. Code

Table 24 provides a list of Core Components for Period.

Table 24 — 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.	UN000 00120	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.	UN000 00121	Fiscal Period. End. Date Time

5.6.2.9.2 Breakdown Item

Table 25 provides a list of Core Components for Breakdown Item.

Table 25 — 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.	UN000 07264	Breakdown Item. Identification. Identifier
2	BCC	Classification Code	A code specifying a classification of this breakdown item.	UN000 07266	Breakdown Item. Classification. Code
3	BCC	Type Code	A code specifying a type of breakdown item.	UN000 07267	Breakdown Item. Type. Code
4	BCC	Comment	A comment, expressed as text, of this breakdown item.	UN000 07268	Breakdown Item. Comment. Text
5	BCC	Name	A name, expressed as text, of this breakdown item.	UN000 07273	Breakdown Item. Name. Text
6	RLCC	Referenced Item ID	An identifier of an item referenced for this breakdown item.	UN000 07275	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.	UN000 07276	Breakdown Item. Referenced Item. Quantity
9	ASCC	Actual Complex Description	An actual complex description of this breakdown item.	UN000 07277	Breakdown Item. Actual. Complex Description
10	ASCC	Actual Complex Quantity	An actual complex quantity for this breakdown item.	UN000 07278	Breakdown Item. Actual. Complex Quantity
11	ASCC	Unit Price	A unit price for this breakdown item.	UN000 07279	Breakdown Item. Unit. Price
12	ASCC	Total Price	A total price for this breakdown item.	UN000 07280	Breakdown Item. Total. Price
13	ASCC	Included Breakdown Item	A breakdown item included in this breakdown item.	UN000 07281	Breakdown Item. Included. Breakdown Item
14	ASCC	Specified Product	A product specified by this breakdown item.	UN000 07284	Breakdown Item. Specified. Product

5.6.2.9.3 Accounting Entry

Table 26 provides a list of Core Components for Accounting Entry.

Table 26 — 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.	UN000 02152	Accounting Entry. Identification. Identifier
2	RLCC	Related Entry ID	The reference identifier of an entry related to this accounting entry.	UN000 02158	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.	UN000 02153	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.	UN000 02159	Accounting Entry. Category. Code
5	BCC	Purpose	The purpose, expressed as text, for this accounting entry.	UN000 02160	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.	UN000 02155	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.	UN000 02161	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.	UN000 02162	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.	UN000 02163	Accounting Entry. Validation. Date Time
10	BCC	Removal Flag	The indication of whether or not this accounting entry must be removed.	UN000 02156	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.	UN000 02157	Accounting Entry. Unbalanced. Indicator
12	BCC	[Specified] Code	A [Specified] code for this accounting entry.	ADCS-00131	Accounting Entry. [Specified]. Code

No	CC	Business Term	Definition	ID	Dictionary Entry Name
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 value 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.	UN000 02164	Accounting Entry. Detailed. Accounting Entry Line
20	ASCC	Justification Document	A document that provides the justification for this accounting entry.	UN000 05780	Accounting Entry. Justification. Document
21	BCC	Journal ID	The unique identifier of the journal for this accounting entry.	UN000 02154	Accounting Entry. Journal. Identifier
22	ASCC	Accounting Journal	A journal specified for this accounting entry.	UN000 07073	Accounting Entry. Specified. Accounting Journal

5.6.2.9.4 Accounting Entry Line

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

Table 27— 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.	UN000 02166	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.	UN000 02167	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.	UN000 02168	Accounting Entry Line. Source. Code

No	CC	Business Term	Definition	ID	Dictionary Entry Name
5	BCC	Last Change Date	The date, time, date time, or other date time value of the last change to this accounting entry line.	UN000 02169	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.	UN000 02170	Accounting Entry Line. Last Change Responsible Person Name. Text
7	BCC	Actual Quantity	The actual quantity for this accounting entry line.	UN000 03222	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.	UN000 07068	Accounting Entry Line. Nature. Text
11	ASCC	Repeated Monetary Allocation	A repeated monetary allocation for this accounting entry line.	UN000 02172	Accounting Entry Line. Repeated. Monetary Allocation
12	ASCC	Repeated Monetary Instalment	A repeated monetary instalment for this accounting entry line.	UN000 02173	Accounting Entry Line. Repeated. Monetary Instalment
13	ASCC	Quantity Analysis	The quantity analysis related to this accounting entry line.	UN000 02174	Accounting Entry Line. Related. Quantity Analysis
14	ASCC	Accounting Line Monetary Value	An accounting line monetary value related to this accounting entry line.	UN000 02175	Accounting Entry Line. Related. Accounting Line Monetary Value
15	ASCC	Tax	A tax related to this accounting entry line.	UN000 02176	Accounting Entry Line. Related. Tax
16	ASCC	Accounting Entry	An accounting entry to which this accounting entry line is connected.	UN000 05779	Accounting Entry Line. Connected. Accounting Entry
17	ASCC	Repeated Payment	A payment repeated for this accounting entry line.	UN000 07072	Accounting Entry Line. Repeated. Payment

5.6.2.9.5 Document

Table 28 provides a list of Core Components for Document.

Table 28 — 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.	UN000 00310	Document. Identification. Identifier

No	CC	Business Term	Definition	ID	Dictionary Entry Name
2	BCC	Name	A name, expressed as text, for this specific document.	UN000 00312	Document. Name. Text
3	BCC	Description	A textual description of this document.	UN000 00314	Document. Description. Text
4	BCC	Remarks	A remark, expressed as text, regarding this document.	UN000 01263	Document. Remarks. Text
5	BCC	Language ID	A unique identifier for a language used in this document.	UN000 01281	Document. Language. Identifier
6	BCC	Type Code	A code specifying a type of document [Reference United Nations Code List (UNCL) 1001].	UN000 00311	Document. Type. Code
7	BCC	Type	A type, expressed as text, for this document.	UN000 08710	Document. Type. Text
8	BCC	Proprietary Information Type	A code specifying the type of proprietary information contained within this document.	UN000 01521	Document. Proprietary Information Type. Code
9	BCC	Status Code	A code specifying a status of a document.	UN000 00324	Document. Status. Code
10	BCC	Status	A status, expressed as text, for this document.	UN000 06010	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.	UN000 00315	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.	UN000 00318	Document. Receipt. Date Time
14	BCC	Creation Date	A date, time, date time or other date time value of a creation of the document.	UN000 00323	Document. Creation. Date Time
15	BCC	Publication Date	A date, time, date time or other date time value for a publication of this document.	UN000 08621	Document. Publication. Date Time
16	BCC	Transmission Date	A date, time, date time or other date time value when a document is transmitted.	UN000 08657	Document. Transmission. Date Time
17	BCC	Reference Date	A reference date, time, date time or other date time value in this document.	UN000 08708	Document. Reference. Date Time
18	BCC	Line Count	A count of the number of lines in this document.	UN000 01283	Document. Line Count. Numeric
19	BCC	Line ID	A unique identifier of a line in this document.	UN000 01284	Document. Line. Identifier

No	CC	Business Term	Definition	ID	Dictionary Entry Name
20	BCC	Item ID	The unique identifier of a specific item in this document.	UN000 00768	Document. Item Identification. Identifier
21	BCC	Currency Code	A code specifying a currency in which monetary amounts are expressed in this document.	UN000 01282	Document. Currency. Code
22	BCC	Included Amount	A monetary value included in this document.	UN000 05857	Document. Included. Amount
23	BCC	Total Amount	A total monetary value in this document.	UN000 08707	Document. Total. Amount
24	BCC	Item Quantity	A quantity of items in a document.	UN000 02724	Document. Item. Quantity
25	BCC	Included Quantity	A quantity included in this document.	UN000 05859	Document. Included. Quantity
26	BCC	Specified Quantity	A quantity specified in this document.	UN000 08711	Document. Specified. Quantity
27	BCC	Line Status Reason	A reason, expressed as text, for the line status in this document.	UN000 08622	Document. Line Status Reason. Text
28	ASCC	Applicable Period	A period applicable to this document.	UN000 07945	Document. Applicable. Period
29	ASCC	Reference Document	Other documents referenced by this document.	UN000 00327	Document. Reference. Document
30	ASCC	Related Document	A document or documents related to this document.	UN000 07950	Document. Related. Document
31	ASCC	Referenced Accounting Voucher	An accounting voucher referenced by this document.	UN000 05781	Document. Referenced. Accounting Voucher
32	ASCC	Issuer Party	A party that issues this document.	UN000 00770	Document. Issuer. Party
33	ASCC	Owner Party	The party that owns this document.	UN000 00771	Document. Owner. Party
34	ASCC	Sender Party	A party that sends this document.	UN000 01651	Document. Sender. Party
35	ASCC	Recipient Party	A party that receives this document.	UN000 01652	Document. Recipient. Party
36	ASCC	Agent Party	A party representing another party for this document.	UN000 02990	Document. Agent. Party
37	ASCC	Submitter Party	The party submitting this document.	UN000 05870	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.	UN000 05871	Document. Authorized. Party
39	ASCC	Specified Party	A party specified in this document.	UN000 07947	Document. Specified. Party
40	ASCC	Respondent Party	A respondent party for this document.	UN000 07951	Document. Respondent. Party

No	CC	Business Term	Definition	ID	Dictionary Entry Name
41	ASCC	Related Party	A respondent party for this document.		Document. Related. Party
42	ASCC	Lodgement Location	A lodgement location of this document.	UN000 01648	Document. Lodgement. Location
43	ASCC	Specified Location	A location specified in this document.	UN000 07949	Document. Specified. Location
44	ASCC	Specified Quota	A quota specified in this document.	UN000 07948	Document. Specified. Quota
45	ASCC	Specified Batch	A batch specified for this document.	UN000 07965	Document. Specified. Batch
46	ASCC	Specified Status	A status specified for this document.	UN000 07988	Document. Specified. Status
47	ASCC	Specified Activity	An activity specified in this document.	UN000 08091	Document. Specified. Activity
48	ASCC	Total Price	A total price in this document.	UN000 08092	Document. Total. Price
49	ASCC	Specified Financial Account	A financial account specified in this document.	UN000 08712	Document. Specified. Financial Account
50	ASCC	Related Booking	A booking related to this document.	UN000 08714	Document. Related. Booking

Table 29 provides a list of Core Components for Trial Balance.

Table 29 — 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.	UN000 04936	Trial Balance. Identification. Identifier
2	BCC	Comment	The comment, expressed as text, for this trial balance.	UN000 04937	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.	UN000 04953	Trial Balance. Specified. Accounting Period

No	CC	Business Term	Definition	ID	Dictionary Entry Name
9	ASCC	Accounting Account	Accounting accounts included in this trial balance.	UN000 06631	Trial Balance. Included. Accounting Account
10	ASCC	Accounting Characteristic	An accounting characteristic defining the trial balance.	UN000 06632	Trial Balance. Defined. Accounting Characteristic

5.6.2.10 Commerce

5.6.2.10.1 Contract

Table 30 provides a list of Core Components for Contract.

Table 30 — 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.	UN000 00279	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.	UN000 00281	Contract. Type. Code
4	BCC	Name	A name, expressed as text, for this contract.	UN000 00282	Contract. Name. Text
5	BCC	Description	A textual description for this contract.	UN000 00283	Contract. Description. Text
6	BCC	Issue Date	A date or date time or other date time value of the issuance of this contract.	UN000 00284	Contract. Issue. Date Time
7	BCC	Price	A monetary value of a price of this contract.	UN000 00285	Contract. Price. Amount
9	BCC	Item ID	To identify a specific item in this contract.	UN000 00289	Contract. Item. Identifier
10	BCC	Start Date	A date on which this contract starts.	UN000 00755	Contract. Start. Date
11	BCC	Item Quantity	A quantity for a specific item in this contract.	UN000 00290	Contract. Item. Quantity
13	BCC	End Date	An end date for this contract.	UN000 01363	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.	UN000 01364	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.	UN000 03938	Contract. Signed. Date Time
33	BCC	Clauses	A clause, expressed as text, of this contract.	UN000 04439	Contract. Clause. Text

No	CC	Business Term	Definition	ID	Dictionary Entry Name
38	BCC	Final Payment Date	A date, time, date time, or other date time value of a final payment of the contract.	UN000 04444	Contract. Final Payment. Date Time
42	BCC	Status Code	A code specifying a status of this contract.	UN000 04448	Contract. Status. Code
43	BCC	Project ID	An identifier of a project for this contract.	UN000 06976	Contract. Project. Identifier
44	BCC	Information	Information, expressed as text, for this contract.	UN000 06977	Contract. Information. Text
66	ASCC	Contract Line Item	A contract line item specified in this contract.	UN000 01374	Contract. Specified. Contract Line Item
75	ASCC	Status	A status specified for this contract.	UN000 03959	Contract. Specified. Status
76	ASCC	Note	A note specified for this contract.	UN000 06979	Contract. Specified. Note
84	ASCC	Buyer	A buyer party for this contract.	UN000 07359	Contract. Buyer. Party
85	ASCC	Seller	A seller party for this contract.	UN000 07360	Contract. Seller. Party
86	ASCC	Total Price	A total price for this contract.	UN000 07361	Contract. Total. Price
91	ASCC	Payment Terms	Payment terms specified for this contract.	UN000 07366	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 31 provides a list of Core Components for Contract Line Item.

Table 31 — 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 header contract.	ADCS- 00149	Contract Line Item.Header. Contract
2	IDCC	Contract Line Item ID	A unique identifier for this contract line item.	UN000 01358	Contract Line Item. Identification. Identifier
3	BCC	Name	A name, expressed as text, for this contract line item.	UN000 01359	Contract Line Item. Name. Text
4	BCC	Description	A textual description of this contract line item.	UN000 01360	Contract Line Item. Description. Text
5	BCC	Total Quantity	A total quantity for this contract line item.	UN000 01361	Contract Line Item. Total. Quantity
6	BCC	Actual Amount	A monetary value of an actual on which the contract line item is determined.	UN000 04434	Contract Line Item. Actual. Amount

No	CC	Business Term	Definition	ID	Dictionary Entry Name
7	BCC	Identified Amount	A monetary value identified for this contract line item.	UN000 04435	Contract Line Item. Identified. Amount
8	BCC	Payment Status	A code specifying a payment status of this contract line item.	UN000 04436	Contract Line Item. Payment Status. Code
11	BCC	Unit Price	A monetary value of a unit for the contract line item.	UN000 04505	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.	UN000 04669	Contract Line Item. Measurement. Code
13	BCC	[Specified] Date	A [Specified] date for the contract line item.	ADCS-00150	Contract Line Item. [Specified]. 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.	UN000 04671	Contract Line Item. Associated. Contract Line Item

5.6.2.10.2 Trade Transaction

Table 32 provides a list of Core Components for Trade Transaction.

Table 32 — 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.	UN000 02078	Trade Transaction. Identification. Identifier
2	BCC	Type Code	A code specifying the type of trade transaction.	UN000 02079	Trade Transaction. Type. Code
3	BCC	Information	Information, expressed as text, for this trade transaction.	UN000 02080	Trade Transaction. Information. Text
4	BCC	Line Item Quantity	A number of line items for this trade transaction.	UN000 03254	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.	UN000 08735	Trade Transaction. Issue. Date Time
6	BCC	URL	A Uniform Resource Locator (URL) of the web location of this trade transaction.	UN000 08736	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

No	CC	Business Term	Definition	ID	Dictionary Entry Name
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. [Specified]. Monetary Value
14	ASCC	Trade Line Item	A trade line item included in this trade transaction.	UN000 02081	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.	UN000 02082	Trade Transaction. Associated. Document
16	ASCC	Trade Settlement	Trade settlement details applicable to this trade transaction.	UN000 02085	Trade Transaction. Applicable. Trade Settlement
17	ASCC	Product Group	A product group included in this trade transaction.	UN000 05067	Trade Transaction. Included. Product Group
18	ASCC	Product	A product included in this trade transaction.	UN000 08090	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 33 provides a list of Core Components for Trade Line Item.

Table 33— 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.	UN000 01309	Trade Line Item. Identification. Identifier
2	BCC	Sequence Number	A sequence number for this trade line item.	UN000 01928	Trade Line Item. Sequence. Numeric
3	BCC	Seller Assigned ID	The unique identifier for this trade line item as assigned by the seller.	UN000 01929	Trade Line Item. Seller Assigned. Identifier
4	BCC	Buyer Assigned ID	The unique identifier for this trade line item as assigned by the buyer.	UN000 01930	Trade Line Item. Buyer Assigned. Identifier

No	CC	Business Term	Definition	ID	Dictionary Entry Name
5	BCC	Description	A textual description of this trade line item.	UN000 01932	Trade Line Item. Description. Text
6	BCC	Batch ID	A unique production batch identifier for this trade line item.	UN000 01933	Trade Line Item. Production Batch. Identifier
7	BCC	Product Model ID	A unique product model identifier for this trade line item.	UN000 01934	Trade Line Item. Product Model. Identifier
8	BCC	Type Code	A code specifying a type of trade line item.	UN000 01935	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.	UN000 01937	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.	UN000 01938	Trade Line Item. Net Weight. Measure
12	BCC	Gross Volume	A measure of the gross volume of this trade line item.	UN000 01939	Trade Line Item. Gross Volume. Measure
14	BCC	Charge Amount	A monetary value of a charge for this trade line item.	UN000 01941	Trade Line Item. Charge. Amount
15	BCC	Invoice Amount	A monetary value of an invoice for this trade line item.	UN000 01942	Trade Line Item. Invoice. Amount
16	BCC	Chargeable Unit Quantity	A number of chargeable units for this trade line item.	UN000 01943	Trade Line Item. Chargeable Unit. Quantity
17	BCC	Chargeable Weight	A measure of a chargeable weight for this trade line item.	UN000 01944	Trade Line Item. Chargeable Weight. Measure
18	BCC	Information	Information, expressed as text, for this trade line item.	UN000 01945	Trade Line Item. Information. Text
19	BCC	Net Volume	A measure of the net volume for this trade line item.	UN000 01946	Trade Line Item. Net Volume. Measure
20	BCC	Name	A name, expressed as text, for this trade line item.	UN000 02740	Trade Line Item. Name. Text
21	BCC	Use	A use, expressed as text, for this trade line item.	UN000 02741	Trade Line Item. Use. Text
24	BCC	Status Code	A code specifying a status of this trade line item.	UN000 07536	Trade Line Item. Status. Code
25	BCC	Status Reason Code	A code specifying a reason for a status of this trade line item.	UN000 07537	Trade Line Item. Status Reason. Code
26	BCC	Description Code	A code specifying a description of this trade line item.	UN000 08270	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

No	CC	Business Term	Definition	ID	Dictionary Entry Name
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. [Specified]. Monetary Value
32	ASCC	Shipment Party	A party for a shipment in this trade line item.	UN000 01310	Trade Line Item. Shipment. Party
35	ASCC	Delivery	A delivery specified for this trade line item.	UN000 01313	Trade Line Item. Specified. Delivery
38	ASCC	Actual Monetary Summation	An actual monetary summation for this trade line item.	UN000 01316	Trade Line Item. Actual. Monetary Summation
39	ASCC	Total Tax	A total tax for this trade line item.	UN000 01317	Trade Line Item. Total. Tax
40	ASCC	Accounting Account	An accounting account for this trade line item.	UN000 01318	Trade Line Item. Account. Accounting Account
45	ASCC	Unit. Price	The unit price details for this trade line item.	UN000 01947	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.	UN000 01956	Trade Line Item. Subordinate. Trade Line Item
62	ASCC	Trade Agreement	A trade agreement specified for this trade line item.	UN000 03213	Trade Line Item. Specified. Trade Agreement
63	ASCC	Trade Delivery	A trade delivery specified for this trade line item.	UN000 03214	Trade Line Item. Specified. Trade Delivery
64	ASCC	Trade Settlement	A trade settlement specified for this trade line item.	UN000 03215	Trade Line Item. Specified. Trade Settlement

5.6.3 Business Information Entities

5.6.3.1 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
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No: A sequence number for the information element.

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

- a) ABIE: Aggregate Business Information Entity
- b) ASBIE: Association Business Information Entity
- c) BBIE: Basic Business Information Entity
- d) IDBIE: Identifier Business Information Entity
- e) RLBIE: Relation Business Information Entity

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

- f) 0: The first depth of the model;
- g) 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.
- h) 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.
- i) 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: Occurrence

Description: A description of the information element.

Semantic data type: The data format that applies to the information element (see 5.6.1.2).

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.

5.6.3.2 Document and line item

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

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 34** and **Table 35** lists the skeleton structure of the first approach.

Table 34 — 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 35 — 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 36** and **Table 37** lists the skeleton structure of the second approach.

Table 36 — 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.

No	BIE	D	Business Term	Semantic data type	O	Description	Dictionary Entry Name

Table 37 — 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

5.6.3.3 Common Business information entities

5.6.3.3.1 Address

Table 38 provides a list of Business Information Entities for Physical Address.

Table 38 — Business Information Entities for Physical Address

No	BIE	D	Business Term	Semantic data type	O	Description	Dictionary Entry Name
0	ABIE	0	Physical 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 39 provides a list of Business Information Entities for Billing Address.

Table 39 — 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

5.6.3.3.2 Monetary Amount

Table 40 provides a list of Business Information Entities for Amount Value.

Table 40 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 41 provides a list of Business Information Entities for Ballance

Table 41— 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 42 provides a list of Business Information Entities for Begining Ballance

Table 42— 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
7	ASBIE	1	Begining Booking Account	—	0..n	An accounting account to which this begining balance monetary value is booked.	ADS Begining Balance_Monetary Value. Booking. Accounting Account

Table 43 provides a list of Business Information Entities for Ending Ballance.

Table 43— 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 44 provides a list of Business Information Entities for Line Amount.

Table 44 — 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

5.6.3.3.3 User Activity

Table 45 provides a list of Core Components for entered activity.

Table 45 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 46 provides a list of Core Components for approved activity.

Table 46 — 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	Approved 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	Approved Date	Date	1..1	A date value when this activity occurs or has occurred.	ADS_ Approved_ Activity. Occurred. Date
2	BBIE	1	Approved Time	Date	0..1	A time value when this activity occurs or has occurred.	ADS_ Approved_ Activity. Occurred. Time

Table 47 provides a list of Core Components for last modified activity.

Table 47 — 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 Modified 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 Modified Date	Date	1..1	A date value when this activity occurs or has occurred.	ADS_ Last Modified_ Activity. Occurred. Time
2	BBIE	1	Last Modified Time	Date	0..1	A time value when this activity occurs or has occurred.	ADS_ Last Modified_ Activity. Occurred. Time

Table 48 provides a list of Core Components for posted activity.

Table 48 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 49 provides a list of Core Components for created activity.

Table 49 — 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

5.6.3.3.4 Tax

Table 50 provides a list of Business Information Entities for Tax.

Table 50 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

5.6.3.4 Base

5.6.3.4.1 General

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

5.6.3.4.2 Business Segment

Table 51 provides a list of Business Information Entities for Business Segment.

Table 51 — 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

5.6.3.4.3 Employee

Table 52 provides a list of Business Information Entities for Employee.

Table 52 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

5.6.3.4.4 System User

Table 53 provides a list of Business Information Entities for System User.

Table 53 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

5.6.3.4.5 Customer

Table 54 provides a list of Business Information Entities for Customer Type.

Table 54 — 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 55 provides a list of Business Information Entities for Customer.

Table 55— 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. Abbreviation. 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 46	ADS Approved_ Activity. Occurred. Date

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
40	BBIE	2	Approved Time	Time	0..1	The time the record additions or changes was approved. see 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 47	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 5.6.3.3.3 Table 47	ADS Last Modified_ Activity. Occurred. Date
44	BBIE	2	Last Modified Time	Time	0..1	The time the record was last modified. see 5.6.3.3.3 Table 47	ADS Last Modified_ Activity. Occurred. Time

5.6.3.4.6 Supplier

Table 56 provides a list of Business Information Entities for Supplier Type.

Table 56 — 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 57 provides a list of Business Information Entities for Supplier

Table 57 — 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. Abbreviation. 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 46	ADS Approved_ Activity. Performed By. ADS_ System User

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
40	BBIE	2	Approved Date	Date	1..1	The date the record additions or changes was approved. see 5.6.3.3.3 Table 46	ADS Approved_ Activity. Occurred. Date
41	BBIE	2	Approved Time	Time	0..1	The time the record additions or changes was approved. see 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 47	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 5.6.3.3.3 Table 47	ADS Last Modified_ Activity. Occurred. Date
45	BBIE	2	Last Modified Time	Time	0..1	The time the record was last modified. see 5.6.3.3.3 Table 47	ADS Last Modified_ Activity. Occurred. Time

5.6.3.4.7 Chart of Accounts

Table 58 provides a list of Business Information Entities for Chart of Accounts.

Table 58 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

5.6.3.4.8 Period

Table 59 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 59 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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	Beginning 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

5.6.3.4.9 Journal Entry Type

Table 60 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 60 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

5.6.3.4.10 Bill

Table 61 provides a list of Business Information Entities for Bill Type.

Table 61 — 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 62 provides a list of Business Information Entities for Bill.

Table 62 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

5.6.3.4.11 Settlement Method

Table 63 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 63 — 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

5.6.3.4.12 Currency

Table 64 provides a list of Business Information Entities for Currency.

Table 64 — 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 Unit	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.							

5.6.3.4.13 Price

Table 65 provides a list of Business Information Entities for Price.

Table 65 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

5.6.3.4.14 Measurement Unit

Table 66 provides a list of Business Information Entities for Measurement Unit.

Table 66 — 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

5.6.3.4.15 Tangible Item

Table 67 provides a list of Business Information Entities for Product Group.

Table 67 — 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 68 provides a list of Business Information Entities for Product Instance.

Table 68 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 69 provides a list of Business Information Entities for Product.

Table 69 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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	Individual 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

5.6.3.4.16 Payment Term

Table 70 provides a list of Business Information Entities for payment Term.

Table 70 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

5.6.3.4.17 Project

Table 71 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 71 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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. Beginning. 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

5.6.3.4.18 Bank Account

Table 72 provides a list of Business Information Entities for Bank Account.

Table 72 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

5.6.3.4.19 Tax Regulatory

Table 73 provides a list of Business Information Entities for Tax Regulatory.

Table 73 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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.

5.6.3.4.20 Tax Type

Table 74 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 74 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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.

5.6.3.4.21 Profile

Table 75 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 75 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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. Industry_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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
a X indicates the organization type. For example, division, department, business unit, purchasing organization, project or legal entity.							

5.6.3.5 General Ledger

5.6.3.5.1 Overview

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

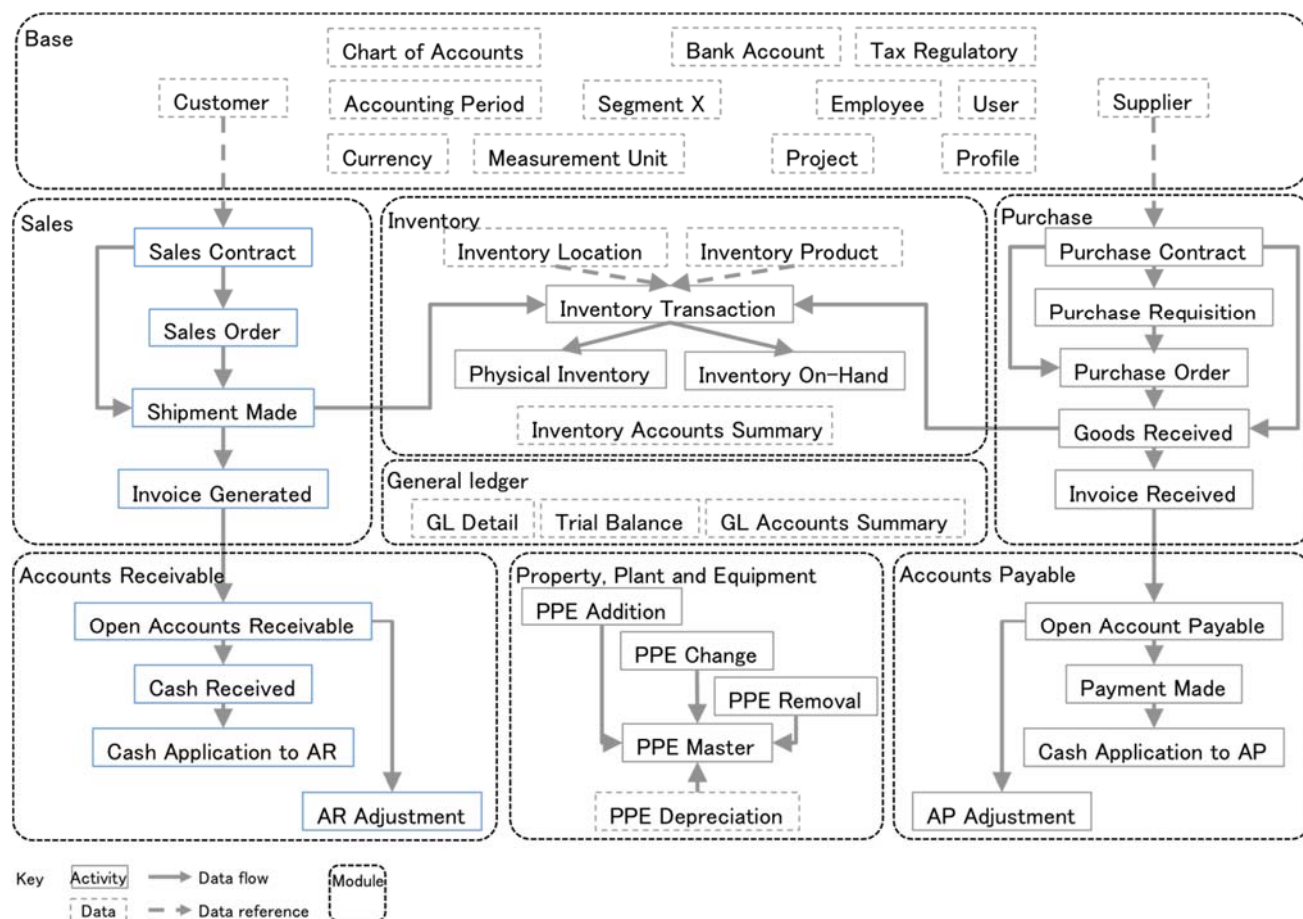
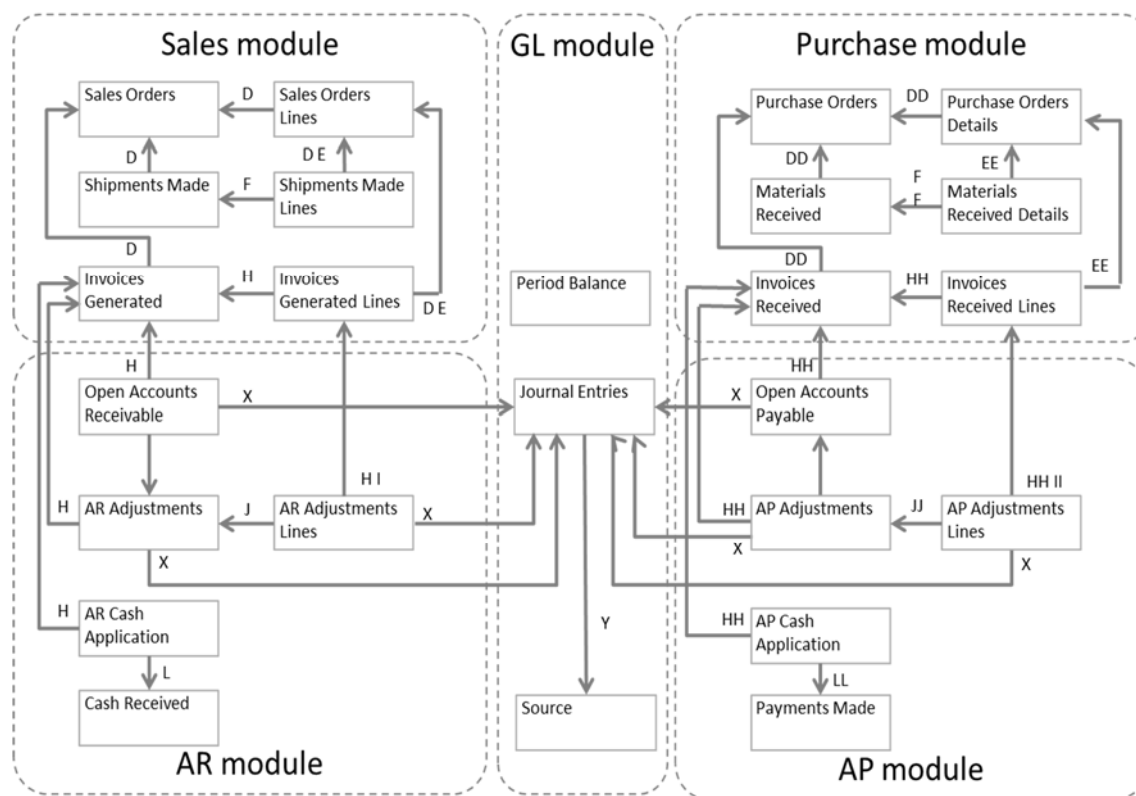


Figure 6 — Data flow and reference among documents

Figure 7 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.



Key

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

Figure 7 — Relation among documents from GL

5.6.3.5.2 Trial Balance

Table 76 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 76 — 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 identifier for the trial balance.	ADS_ Trial Balance. Identification. identifier

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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	Beginning Balance	—	1..1	Beginning balance amount of the period (same amount as the ending balance from the prior period).	ADS_ Trial Balance. Defined. ADS Beginning Balance_ Monetary Value
8	BBIE	2	Beginning Functional Amount	Amount	1..1	The monetary value in the function currency. see 5.6.3.3.2 Table 42	ADS Beginning 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 5.6.3.3.2 Table 42	ADS Beginning 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 5.6.3.3.2 Table 42	ADS Beginning Balance_ Monetary Value. Local Currency. Amount
11	BBIE	2	Beginning Transaction Amount	Amount	0..1	The monetary value in the voucher currency. see 5.6.3.3.2 Table 42	ADS Beginning 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 5.6.3.3.2 Table 43	ADS Ending Balance_ Monetary Value. Functional Currency. Amount

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.2 Table 43	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 5.6.3.3.2 Table 43	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 5.6.3.3.2 Table 43	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.

5.6.3.5.3 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 77 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.4.10	ADS_ Voucher. Identification. Identifier
20	BBIE	2	Type	Code	0..1	see 5.6.3.4.10	ADS_ Voucher. Type. Code
21	BBIE	2	Date	Date	1..1	see 5.6.3.4.10	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 5.6.3.4.15	ADS_ Product. Unit. Quantity
24	ASBIE	2	Total Price	—	1..1	see 5.6.3.4.15	ADS_ Product. Total. ADS_ Price
25	BBIE	3	Unit Amount	Unit Price	1..1	see 5.6.3.4.15	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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
27	BBIE	2	Functional Amount	Amount	1..1	The monetary value in the function currency. see 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	ADS_ Monetary Value. Reporting Currency. Amount
30	BBIE	2	Transaction Amount	Amount	0..1	The monetary value in the voucher currency. see 5.6.3.3.2 Table 40	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 5.6.3.3.3 Table 45	ADS_ Entered_ Activity. Performed By. ADS_ System User
33	BBIE	2	Entered Date	Date	1..1	see 5.6.3.3.3 Table 45	ADS_ Entered_ Activity. Occurred. Date
34	BBIE	2	Entered Time	Time	0..1	see 5.6.3.3.3 Table 45	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 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 48	ADS_ Posted_ Activity. Performed By. ADS_ System User
40	RLBIE	1	Account Segment Employee ^a	Reference Identifier	0..1	The reference identifier for the Employee.	ADS_ Accounting Entry. Account Segment. ADS_ Employee

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
41	RLBIE	1	Account Segment Project ^b	Reference Identifier	0..1	The reference identifier for the Project.	ADS_ Accounting Entry. Account Segment. ADS_ Project
42	RLBIE	1	Account Segment Bank Account ^c	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.

5.6.3.5.4 GL Source

TBD

5.6.3.5.5 Account Segment

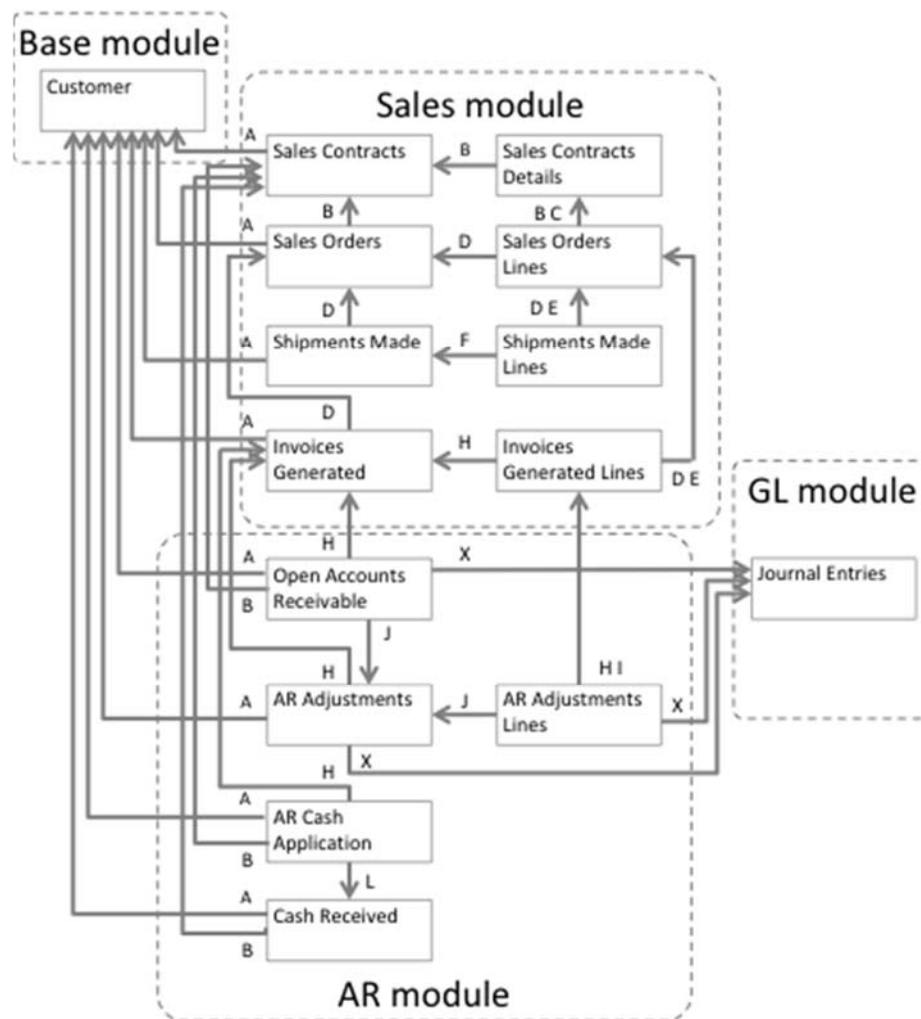
TBD

5.6.3.5.6 Accounts Period Balance

TBD

5.6.3.6 Order to Cash

5.6.3.6.1 Overview



Key

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

Figure 8 — Relation among documents from AR and sales

5.6.3.6.2 Sales Contract

TBD

5.6.3.6.3 Sales Order

TBD

5.6.3.6.4 Shipment Made

TBD

5.6.3.6.5 Invoice Generated

TBD

5.6.3.6.6 Open Accounts Receivable

TBD

5.6.3.6.7 Cash Received

TBD

5.6.3.6.8 Received Cash Application

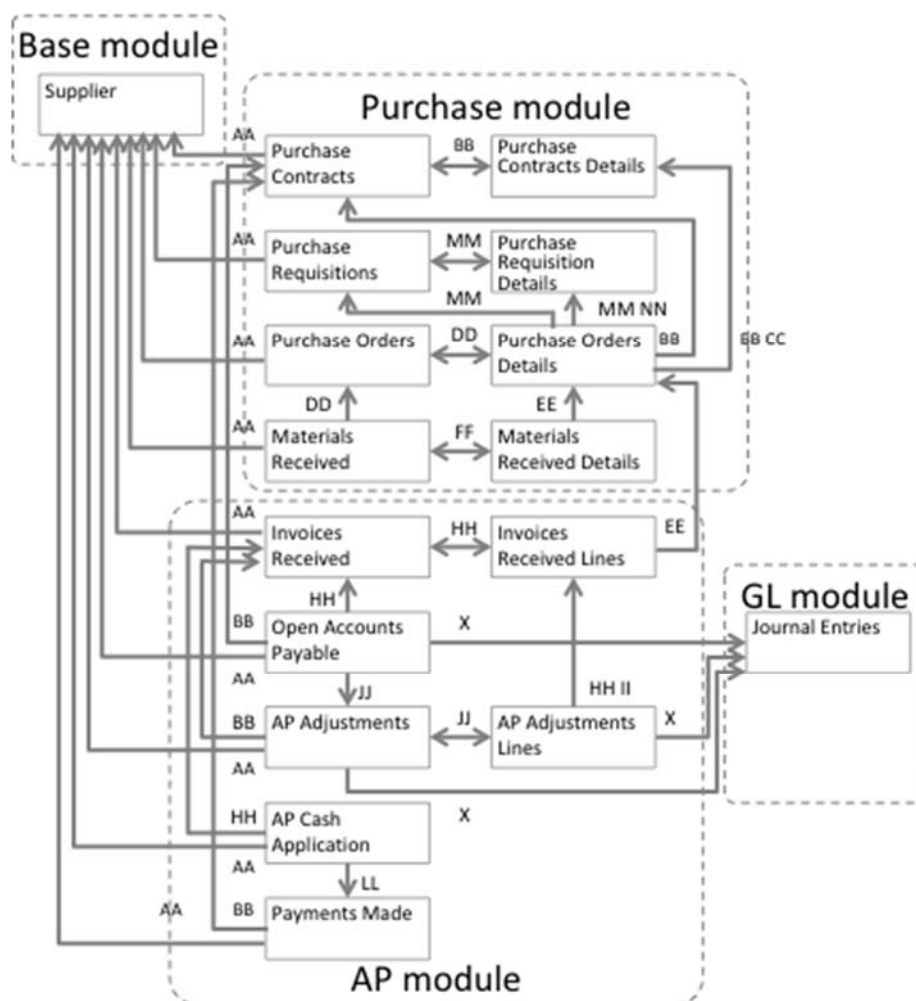
TBD

5.6.3.6.9 Accounts Receivable Adjustment

TBD

5.6.3.7 Purchase to Pay

5.6.3.7.1 Overview



Key

AA Supplier

BB Purchase Contract ID CC Purchase Contract Line ID

DD Purchase Order ID

FF Materials Receipt ID EE Purchase Order Line ID

HH Invoice ID GG Materials Receipt Line ID

JJ AR Adjustment ID II Invoice Line ID

LL Payment ID KK AR Adjustment Line ID

NN Requisition Line ID MM Requisition ID

X GL Detail ID

Figure 9 — Relation among documents from AP and purchase**5.6.3.7.2 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 78 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 49	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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
18	RLBIE	2	Approved By	Reference Identifier	1..1	The reference identifier for the system user who approved the record additions or changes. see 5.6.3.3.3 Table 46	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 79 — 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 header 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 Organization ^a	Reference Identifier	0..1	The reference identifier for the Business segment. A code of the settlement organization.	ADS Purchase_ Contract Line Item. Settlement. Business Segment
5	RLBIE	1	Receipt Organization ^b	Reference Identifier	1..1	The reference identifier for the Business segment. 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.4	ADS_ Tax. Type. Code
14	BBIE	2	Tax Transaction Amount	Amount	0..1	see 5.6.3.3.4	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.

5.6.3.7.3 Purchase Order

Table 80 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 80— 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 47	ADS_ Last Modified_ Activity. Performed By. ADS_ System User

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
24	BBIE	2	Last Modified Date	Date	1..1	The date the record was last modified. see 5.6.3.3.3 Table 47	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. Status. 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 81 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 81— 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 Code ^a	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 Code ^b	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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.4 Table 50	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 5.6.3.3.4 Table 50	ADS_ Tax. Type. Code
21	BBIE	2	Tax Transaction Amount	Amount	1..1	A monetary value resulting from the calculation of a tax. see 5.6.3.3.4 Table 50	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.

5.6.3.7.4 Material Received

Table 82 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 82 — Business Information Entities for Matterial Received Header

No	BIE	D	Business Term	Semantic data type	O	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

No	BIE	D	Business Term	Semantic data type	0	Definition	Dictionary Entry Name
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 Code ^a	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

No	BIE	D	Business Term	Semantic data type	0	Definition	Dictionary Entry Name
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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 46	ADS_ Approved_ Activity. Occurred. Date
26	BBIE	2	Approved Time	Time	0..1	The time the record additions or changes was approved. see 5.6.3.3.3 Table 46	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 Modified_ Activity

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
28	RLBIE	2	Last Modified By	Reference Identifier	1..1	The reference identifier for the system user who last modified the record. see 5.6.3.3.3 Table 47	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 5.6.3.3.3 Table 47	ADS_ Last Modified_ Activity. Occurred. Time
30	BBIE	2	Last Modified Time	Time	0..1	The time the record was last modified. see 5.6.3.3.3 Table 47	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 83 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 83 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
5	IDBIE	2	Product ID	Identifier	1..1	see 5.6.3.4.15 Table 69	ADS_ Product. Identification. Identifier
6	BBIE	2	Unit of Measurement Code	Code	1..1	see 5.6.3.4.15 Table 69	ADS_ Product. Measurement. Code
7	BBIE	2	Basic UOM Quantity	Quantity	0..1	see 5.6.3.4.15 Table 69	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 5.6.3.4.15 Table 69	ADS_ Product. Defined. ADSMeasurement Unit_ Code
9	ASBIE	2	Individual Product Instance	—	1..1	The detailed data on this product instance. see 5.6.3.4.15 Table 69	ADS_ Product. Individual. ADS_ Product Instance
10	BBIE	3	Receipt Quantity	Quantity	1..1	The quantity of materials received recorded in the receipt. see 5.6.3.4.15 Table 68	ADS_ Product Instance. Actual. Quantity
11	BBIE	3	Receipt Unit Price	Unit Price	0..1	Price per unit for item received (including tax). see 5.6.3.4.15 Table 68	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 purchase 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.

5.6.3.7.5 Invoices Received

Table 84 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 84 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
20	RLBIE	2	Created By	Reference Identifier	1..1	The reference identifier for the system user who created the record. see 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 46	ADS_Approved_Activity. Occurred. Date
26	BBIE	2	Approved Time	Time	0..1	The time the record additions or changes was approved. see 5.6.3.3.3 Table 46	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 Modified_Activity
28	RLBIE	2	Last Modified By	Reference Identifier	1..1	The reference identifier for the system user who last modified the record. see 5.6.3.3.3 Table 47	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 5.6.3.3.3 Table 47	ADS_Last Modified_Activity. Occurred. Time
30	BBIE	2	Last Modified Time	Time	0..1	The time the record was last modified. see 5.6.3.3.3 Table 47	ADS_Last Modified_Activity. Occurred. Time

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.4 Table 50	ADS_ Tax. Type. Code
34	BBIE	2	Tax Transaction Amount	Amount	1..1	see 5.6.3.3.4 Table 50	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 85 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 85 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.4.15 Table 69	ADS_ Product. Identification. Identifier
8	BBIE	2	Unit of Measurement Code	Code	1..1	see 5.6.3.4.15 Table 69	ADS_ Product. Measurement. Code
11	BBIE	2	Basic UOM Quantity	Quantity	0..1	see 5.6.3.4.15 Table 69	ADS_ Product. Basic UOM. Quantity
12	RLBIE	2	Basic UOM Code	Reference Identifier	0..1	see 5.6.3.4.15 Table 69	ADS_ Product. Defined. ADSMeasurement Unit_ Code
9	ASBIE	2	Individual Product Instance	—	1..1	The detailed data on this product instance. see 5.6.3.4.15 Table 69	ADS_ Product. Individual. ADS_ Product Instance
10	BBIE	3	Actual Quantity	Quantity	1..1	see 5.6.3.4.15 Table 68	ADS_ Product Instance. Actual. Quantity
13	BBIE	3	Tax Exclude Unit Price	Unit Price	0..1	see 5.6.3.4.15 Table 68	ADS_ Product Instance. Tax Exclude. Unit Price
12	BBIE	3	Tax Include Unit Price	Unit Price	0..1	see 5.6.3.4.15 Table 68	ADS_ Product Instance. Tax Include. Unit Price
13	BBIE	3	Tax Exclude Amount	Decimal	0..1	see 5.6.3.4.15 Table 68	ADS_ Product Instance. Tax Exclude. Amount
14	BBIE	3	Tax Include Amount	Decimal	0..1	see 5.6.3.4.15 Table 68	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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.4 Table 50	ADS Invoices Received_ Trade Line Item. Charged. ADS_ Tax
18	BBIE	2	Tax Type Code	Code	1..1	see 5.6.3.3.4 Table 50	ADS_ Tax. Type. Code
19	BBIE	2	Tax Transaction Amount	Amount	1..1	see 5.6.3.3.4 Table 50	ADS_ Tax. Calculated. Amount
20	RLBIE	2	Tax Debit Account Number	Reference Identifier	0..1	see 5.6.3.3.4 Table 50	ADS_ Tax. Debit. ADS_ Accounting Account
21	RLBIE	2	Tax Credit Account Number	Reference Identifier	0..1	see 5.6.3.3.4 Table 50	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.

5.6.3.7.6 Open Accounts Payable

Table 86 provides a list of Business Information Entities for Open Accounts Payable.

Table 86 — 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 date
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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 account. see 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	ADS_ Monetary Value. Reporting Currency. Amount
17	BBIE	2	Transaction Amount	Amount	0..1	The monetary value in the voucher currency. see 5.6.3.3.2 Table 40	ADS_ Monetary Value. Transaction Currency. Amount
18	ASBIE	1	Ballance ^a	—	1..1	The material or monetary worth of a thing that is associated with ballance. see 5.6.3.3.2 Table 41	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 5.6.3.3.2 Table 41	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 5.6.3.3.2 Table 41	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 5.6.3.3.2 Table 41	ADS Balance_ Monetary Value. Reporting Currency. Amount

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
22	BBIE	2	Transaction Ballance	Amount	0..1	The monetary value of the ballance in the voucher currency. see 5.6.3.3.2 Table 41	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.

5.6.3.7.7 Payment Made

Error! Reference source not found. provides a list of Business Information Entities for Payment Made.

Table 87 — 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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	ADS_ Monetary Value. Functional Currency. Amount

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
16	BBIE	2	Local Amount	Amount	0..1	The monetary value in the accounting currency local to where the accounting records are required. see 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	ADS_ Monetary Value. Reporting Currency. Amount
18	BBIE	2	Transaction Amount	Amount	0..1	The monetary value in the voucher currency. see 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40 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 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 49	ADS_ Created_ Activity. Occurred. Date

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
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 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 46	ADS_ Approved_ Activity. Occurred. Date
30	BBIE	2	Approved Time	Time	0..1	The time the record additions or changes was approved. see 5.6.3.3.3 Table 46	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 Modified_ Activity
32	RLBIE	2	Last Modified By	Reference Identifier	1..1	The reference identifier for the system user who last modified the record. see 5.6.3.3.3 Table 47	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 5.6.3.3.3 Table 47	ADS_ Last Modified_ Activity. Occurred. Time
34	BBIE	2	Last Modified Time	Time	0..1	The time the record was last modified. see 5.6.3.3.3 Table 47	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.							

5.6.3.7.8 Paied Cash Application

Error! Reference source not found. 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 88 — 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 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	ADS_ Monetary Value. Functional Currency. Amount

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
12	BBIE	2	Local Amount	Amount	0..1	The monetary value in the accounting currency local to where the accounting records are required. see 5.6.3.3.2 Table 40	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 5.6.3.3.2 Table 40	ADS_ Monetary Value. Reporting Currency. Amount
14	BBIE	2	Transaction Amount	Amount	0..1	The monetary value in the voucher currency. see 5.6.3.3.2 Table 40	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 5.6.3.3.3 Table 49	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 5.6.3.3.3 Table 49	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

No	BIE	D	Business Term	Semantic data type	O	Definition	Dictionary Entry Name
23	RLBIE	2	Approved By	Reference Identifier	1..1	The reference identifier for the system user who approved the record additions or changes. see 5.6.3.3.3 Table 46	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 5.6.3.3.3 Table 46	ADS_ Approved_ Activity. Occurred. Date
25	BBIE	2	Approved Time	Time	0..1	The time the record additions or changes was approved. see 5.6.3.3.3 Table 46	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 Modified_ Activity
27	RLBIE	2	Last Modified By	Reference Identifier	1..1	The reference identifier for the system user who last modified the record. see 5.6.3.3.3 Table 47	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 5.6.3.3.3 Table 47	ADS_ Last Modified_ Activity. Occurred. Time
29	BBIE	2	Last Modified Time	Time	0..1	The time the record was last modified. see 5.6.3.3.3 Table 47	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.							

5.6.3.7.9 Accounts Payable Adjustment

TBD

5.6.3.8 Inventory

5.6.3.8.1 Overview

TBD

5.6.3.8.2 Inventory Location

TBD

5.6.3.8.3 Inventory Product

TBD

5.6.3.8.4 Inventory On Hand

TBD

5.6.3.8.5 Inventory Transaction

TBD

5.6.3.8.6 Physical Inventory

TBD

5.6.3.8.7 Period Balance

TBD

5.6.3.9 Property, Plant and Equipment

5.6.3.9.1 Overview

TBD

5.6.3.9.2 PPE Master

TBD

5.6.3.9.3 PPE Transaction

TBD

5.6.3.9.4 PPE Department Allocation

TBD

5.6.3.9.5 PPE Depreciation

TBD

5.7 Business rules

5.7.1 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.

5.7.2 Order to Cash

TBD

5.7.3 Purchasing to Pay

TBD

5.7.4 Inventory

TBD

5.7.5 Property, Plant and Equipment

TBD

5.7.6 Business requirements

TBD

6 Syntax binding for XBRL

6.1 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.

6.2 Audit data binding for XBRL taxonomy

6.2.1 Legend

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
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No: A sequence number for the information element.

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

D: Depth

O: Occurrence

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).

6.2.2 Common Business Information Entity

6.2.2.1 Address

Table 89 provides a list of syntax binding for Address.

Table 89 — 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

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
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

6.2.2.2 Fiscal Period

Table 90 provides a list of syntax binding for Fiscal Period.

Table 90 — 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

6.2.2.3 Monetary Value

Table 91 provides a list of syntax binding for Monetary Value.

Table 91 — 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

6.2.2.4 User Activity

Table 92 provides a list of syntax binding for User Activity.

Table 92 — 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

6.2.3 Base**6.2.3.1 Employee**

Table 93 provides a list of syntax binding for Employee.

Table 93 — 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

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
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

6.2.3.2 System User

Table 94 provides a list of syntax binding for System User.

Table 94 — 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

6.2.4 General Ledger

6.2.4.1 Trial Balance

Table 95 provides a list of syntax binding for Trial Balance.

Table 95 — 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

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
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]

6.2.4.2 GL Detail

TBD

6.2.4.3 GL Source

TBD

6.2.4.4 Account Segment

TBD

6.2.4.5 Accounts Period Balance

TBD

6.2.5 Order to Cash**6.2.5.1 Sales Contract**

TBD

6.2.5.2 Sales Order

TBD

6.2.5.3 Shipment Made

TBD

6.2.5.4 Invoice Generated

TBD

6.2.5.5 Open Accounts Receivable

TBD

6.2.5.6 Cash Received

TBD

6.2.5.7 Cash Application

TBD

6.2.5.8 Accounts Receivable Adjustment

TBD

6.2.6 Purchase to Pay**6.2.6.1 Purchase Contract**

Table 96 provides a list of syntax binding for Purchase Contract Header.

Table 96 — 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

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
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 97 provides a list of syntax binding for Purchase Contract Line Item.

Table 97 — 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

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
15	Purchase UOM	2	1..1	ADS_ Product. Measurement. Code	PurchaseContractLineItem-PurchasedProduct-purchaseUOM
16	Individual Product Instance	2	1..1	ADS_ Product. Individual. ADS_ Product Instance	PurchaseContractLineItem-PurchasedProduct-IndividualProductInstance
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]

6.2.6.2 Purchase Order

Table 98 provides a list of syntax binding for Purchase Order Header.

Table 98— 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

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
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. Status. 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 99 provides a list of syntax binding for Purchase Order Line Item.

Table 99— 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

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
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

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
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]

6.2.6.3 Material Received

Table 100 provides a list of syntax binding for Material Received Header.

Table 100 — Syntax binding for Matterial Received Header

No	Business Term	D	O	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

No	Business Term	D	0	Dictionary Entry Name	XBRL item ID
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 Modified_ 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 101 provides a list of syntax binding for Material Received Line Item.

Table 101 — Syntax binding for Material Received Line Item

No	Business Term	D	0	Dictionary Entry Name	XBRL item ID
0	Material Received Line Item	0	–	ADS Material Received_ Trade Line Item. Detail	MaterialReceivedLineItem

No	Business Term	D	O	Dictionary Entry Name	XBRL item ID
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	materialReceivedLineID
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-IndividualProductInstance - taxIncludeUnitPrice
8	Transaction Amount	1	1..1	ADS Material Received_ Trade Line Item. Transaction 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. Transaction 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]

6.2.6.4 Invoices Received

Table 102 provides a list of syntax binding for Invoice Received Header.

Table 102 — 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

No	Business Term	D	O	Dictionary Entry Name	BusinessTerm
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

No	Business Term	D	O	Dictionary Entry Name	BusinessTerm
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 Modified_ 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 103 provides a list of Business Information Entities for Invoice Received line Item.

Table 103 — 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

No	Business Term	D	O	Dictionary Entry Name	BusinessTerm
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

No	Business Term	D	O	Dictionary Entry Name	BusinessTerm
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]

6.2.7 Inventory

6.2.7.1 Inventory Location

TBD

6.2.7.2 Inventory Product

TBD

6.2.7.3 Inventory On Hand

TBD

6.2.7.4 Inventory Transaction

TBD

6.2.7.5 Physical Inventory

TBD

6.2.7.6 Period Balance

TBD

6.2.8 Property, Plant and Equipment

6.2.8.1 PPE Master

TBD

6.2.8.2 PPE Transaction

TBD

6.2.8.3 PPE Department Allocation

TBD

6.2.8.4 PPE Depreciation

TBD

6.3 Business rules

6.3.1 Order to Cash

TBD

6.3.2 Purchase to Pay

6.3.3 Inventory

6.3.3.1 Inventory Location

TBD

6.3.3.2 Inventory Product

TBD

6.3.3.3 Inventory On Hand

TBD

6.3.3.4 Inventory Transaction

TBD

6.3.3.5 Physical Inventory

TBD

6.3.3.6 Period Balance

TBD

6.3.4 Property, Plant and Equipment

6.3.4.1 PPE Master

TBD

6.3.4.2 PPE Transaction

TBD

6.3.4.3 PPE Department Allocation

TBD

6.3.4.4 PPE Depreciation

TBD

6.4 Syntax binding for xBRL-XML

6.4.1 General

The xBRL-XML format is traditional XBRL instance document.

6.4.2 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.

6.4.3 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.

6.5 Syntax binding for xBRL-CSV

6.5.1 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.

6.5.2 xBRL-CSV taxonomy document

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

6.5.3 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.

Annex A (informative)

Example XBRL instance document for invoice

A.1 Example of an XBRL instance documents in xBRL-CSV

A.1.1 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,,,,,,,Postbus71,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,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
```

ISO #####-#:####(X)

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,,,,,,,,,,,,,CHIPSNAATKLEINZAKJES,,,,,,,,,,,,,
 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,,,,,,,,,,,,,TRKLPKJESAPPELSAP,,,,,,,,,,,,,
 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,,,,,,,,,,,,,

ISO #####-#:####(X)

```
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
```

A.1.2 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"
  }
},
"cen-24": {
  "dimensions": {
    "concept": "e:cen-24"
  }
},
"cen-35": {
  "dimensions": {
    "concept": "e:cen-35"
  }
},
"cen-37": {
  "dimensions": {
    "concept": "e:cen-37"
  }
},
"cen-38": {
  "dimensions": {
    "concept": "e:cen-38"
  }
}

```

```

    }
  },
  "cen-40": {
    "dimensions": {
      "concept": "e:cen-40"
    }
  },
  "cen-46": {
    "dimensions": {
      "concept": "e:cen-46"
    }
  },
  "cen-44": {
    "dimensions": {
      "concept": "e:cen-44"
    }
  },
  "cen-50": {
    "dimensions": {
      "concept": "e:cen-50"
    }
  },
  "cen-52": {
    "dimensions": {
      "concept": "e:cen-52"
    }
  },
  "cen-53": {
    "dimensions": {
      "concept": "e:cen-53"
    }
  },
  "cen-55": {
    "dimensions": {
      "concept": "e:cen-55"
    }
  },
  "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": "xbml-gl_ubl_example1.csv"
    }
}
}

```

A.2 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:xbrli="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">
  <xbrli:unit xlink:type="simple" xlink:href="http://www.w3.org/1999/xlink/properties/linkbase" />
  <xbrli:measure>xbrli:pure</xbrli:measure>
</xbrli:unit>
  <xbrli:unit id="EUR">
    <xbrli:measure>iso4217:EUR</xbrli:measure>
  </xbrli:unit>
  <xbrli:context id="cG2">
    <xbrli:entity>
      <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
    </xbrli:entity>
    <xbrli:period>
      <xbrli:instant>2021-01-29</xbrli:instant>
    </xbrli:period>
    <xbrli:scenario>
      <xbrldi:typedMember dimension="c:d1">
        <c:_1>cG2</c:_1>
      </xbrldi:typedMember>
    </xbrli:scenario>
  </xbrli:context>
  <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>
  <xbrli:context id="cG2eG16">
    <xbrli:entity>

```

```

        <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
    </xbrli:entity>
    <xbrli:period>
        <xbrli:instant>2021-01-29</xbrli:instant>
    </xbrli:period>
    <xbrli:scenario>
        <xbrldi:typedMember dimension="c:d1">
            <c:_1>cG2</c:_1>
        </xbrldi:typedMember>
        <xbrldi:typedMember dimension="c:d2">
            <c:_2>eG16</c:_2>
        </xbrldi:typedMember>
    </xbrli:scenario>
</xbrli:context>
<e:cen-81 contextRef="cG2eG16">30</e:cen-81>
<e:cen-83 contextRef="cG2eG16">2015 0483 0000 0000</e:cen-83>
<xbrli:context id="cG2eG16eG17">
    <xbrli:entity>
        <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
    </xbrli:entity>
    <xbrli:period>
        <xbrli:instant>2021-01-29</xbrli:instant>
    </xbrli:period>
    <xbrli:scenario>
        <xbrldi:typedMember dimension="c:d1">
            <c:_1>cG2</c:_1>
        </xbrldi:typedMember>

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

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

        </xbrldi:typedMember>

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

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

        </xbrldi:typedMember>
    </xbrli:scenario>
</xbrli:context>
<e:cen-84 contextRef="cG2eG16eG17">NL13RABO0377815500</e:cen-84>
<xbrli:context id="cG2eG1">
    <xbrli:entity>
        <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
    </xbrli:entity>
    <xbrli:period>
        <xbrli:instant>2021-01-29</xbrli:instant>
    </xbrli:period>
    <xbrli:scenario>
        <xbrldi:typedMember dimension="c:d1">
            <c:_1>cG2</c:_1>
        </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">
        <xbrli:entity>
            <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>

```

```

</xbrli:entity>
<xbrli:period>
  <xbrli:instant>2021-01-29</xbrli:instant>
</xbrli:period>
<xbrli:scenario>
  <xbrldi:typedMember dimension="c:d1">
    <c:_1>cG2</c:_1>
  </xbrldi:typedMember>
  <xbrldi:typedMember dimension="c:d2">
    <c:_2>eG2</c:_2>
  </xbrldi:typedMember>
</xbrli:scenario>
</xbrli:context>
<e:cen-24 contextRef="cG2eG2">urn:cen.eu:en16931:2017</e:cen-24>
<xbrli:context id="cG3eG4">
  <xbrli:entity>
    <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
  </xbrli:entity>
  <xbrli:period>
    <xbrli:instant>2021-01-29</xbrli:instant>
  </xbrli:period>
  <xbrli:scenario>
    <xbrldi:typedMember dimension="c:d1">
      <c:_1>cG3</c:_1>
    </xbrldi:typedMember>
    <xbrldi:typedMember dimension="c:d2">
      <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>
<xbrli:context id="cG3eG4eG5">
  <xbrli:entity>
    <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
  </xbrli:entity>
  <xbrli:period>
    <xbrli:instant>2021-01-29</xbrli:instant>
  </xbrli:period>
  <xbrli:scenario>
    <xbrldi:typedMember dimension="c:d1">
      <c:_1>cG3</c:_1>

```

```

        </xbrldi:typedMember>
        <xbrldi:typedMember dimension="c:d2">
            <c:_2>eG4</c:_2>
        </xbrldi:typedMember>
        <xbrldi:typedMember dimension="c:d3">
            <c:_3>eG5</c:_3>
        </xbrldi:typedMember>
    </xbrli:scenario>
</xbrli:context>
<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>
<xbrli:context id="cG3eG7">
    <xbrli:entity>
        <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
    </xbrli:entity>
    <xbrli:period>
        <xbrli:instant>2021-01-29</xbrli:instant>
    </xbrli:period>
    <xbrli:scenario>
        <xbrldi:typedMember dimension="c:d1">
            <c:_1>cG3</c:_1>
        </xbrldi:typedMember>
        <xbrldi:typedMember dimension="c:d2">
            <c:_2>eG7</c:_2>
        </xbrldi:typedMember>
    </xbrli:scenario>
</xbrli:context>
<e:cen-44 contextRef="cG3eG7">Provide Verzekeringen</e:cen-44>
<xbrli:context id="cG3eG7eG8">
    <xbrli:entity>
        <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
    </xbrli:entity>
    <xbrli:period>
        <xbrli:instant>2021-01-29</xbrli:instant>
    </xbrli:period>
    <xbrli:scenario>
        <xbrldi:typedMember dimension="c:d1">
            <c:_1>cG3</c:_1>
        </xbrldi:typedMember>
        <xbrldi:typedMember dimension="c:d2">
            <c:_2>eG7</c:_2>
        </xbrldi:typedMember>
    </xbrli:scenario>

```



```

        <xbrldi:typedMember dimension="c:d3">
            <c:_3>eG8</c:_3>
        </xbrldi:typedMember>
    </xbrli:scenario>
</xbrli:context>
<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>
<xbrli:context id="cG4">
    <xbrli:entity>
        <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
    </xbrli:entity>
    <xbrli:period>
        <xbrli:instant>2021-01-29</xbrli:instant>
    </xbrli:period>
    <xbrli:scenario>
        <xbrldi:typedMember dimension="c:d1">
            <c:_1>cG4</c:_1>
        </xbrldi:typedMember>
    </xbrli:scenario>
</xbrli:context>
<m:muc-4 contextRef="cG4">EUR</m:muc-4>
<xbrli:context id="cG4cG5">
    <xbrli:entity>
        <xbrli:identifier scheme="http://eipa.jp">EIPA</xbrli:identifier>
    </xbrli:entity>
    <xbrli:period>
        <xbrli:instant>2021-01-29</xbrli:instant>
    </xbrli:period>
    <xbrli:scenario>
        <xbrldi:typedMember dimension="c:d1">
            <c:_1>cG4</c:_1>
        </xbrldi:typedMember>
        <xbrldi:typedMember dimension="c:d2">
            <c:_2>cG5</c:_2>
        </xbrldi:typedMember>
    </xbrli:scenario>
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<e:cen-130 contextRef="cG4cG5">3</e:cen-130>
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  </xbrldi:typedMember>
  <xbrldi:typedMember dimension="c:d2">
    <c:_2>cG5</c:_2>
  </xbrldi:typedMember>
  <xbrldi:typedMember dimension="c:d3">
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<b:bus-149 contextRef="cG4cG5eG26">2016-04-01</b:bus-149>
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  <xbrli:scenario>
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    </xbrldi:typedMember>
    <xbrldi:typedMember dimension="c:d2">
      <c:_2>cG5</c:_2>
    </xbrldi:typedMember>
    <xbrldi:typedMember dimension="c:d3">
      <c:_3>cG19</c:_3>
    </xbrldi:typedMember>
  </xbrli:scenario>
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<e:cen-152 contextRef="cG4cG5cG19" decimals="INF" unitRef="pure">0.21</e:cen-152>
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  </xbrldi:typedMember>
  <xbrldi:typedMember dimension="c:d2">
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  </xbrldi:typedMember>
  <xbrldi:typedMember dimension="c:d3">
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  </xbrli:period>
  <xbrli:scenario>
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    </xbrldi:typedMember>
    <xbrldi:typedMember dimension="c:d2">
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    </xbrldi:typedMember>
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    <c:_2>cG5</c:_2>
  </xbrldi:typedMember>
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  </xbrldi:typedMember>
</xbrli:scenario>
</xbrli:context>
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    </xbrldi:typedMember>
    <xbrldi:typedMember dimension="c:d2">
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    </xbrldi:typedMember>
  </xbrli:scenario>
</xbrli:context>
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<e:cen-109 contextRef="cG4eG22" decimals="INF" unitRef="EUR">147</e:cen-109>
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<e:cen-118 contextRef="cG4eG23">VAT</e:cen-118>
<e:cen-119 contextRef="cG4eG23" decimals="INF" unitRef="pure">0.21</e:cen-119>
</xbrli:xbrl>

```

Bibliography

- [1] Core Component Library, UN/CCL version 20A <https://unece.org/trade/unecefact/unccl>
- [2] Extensible Business Reporting Language (XBRL) 2.1, Recommendation 31 December 2003 with errata corrections to 20 February 2013 <http://www.xbrl.org/Specification/XBRL-2.1/REC-2003-12-31/XBRL-2.1-REC-2003-12-31+corrected-errata-2013-02-20.html>
- [3] XBRL Dimensions 1.0, Recommendation 18 September 2006 with errata corrections to 25 January 2012 <https://www.xbrl.org/specification/dimensions/rec-2012-01-25/dimensions-rec-2006-09-18+corrected-errata-2012-01-25-clean.html>
- [4] XBRL Formula Overview 1.0, Public Working Draft 21 December 2011 <https://www.xbrl.org/wgn/xbrl-formula-overview/pwd-2011-12-21/xbrl-formula-overview-wgn-pwd-2011-12-21.html>
- [5] Formula 1.0, Recommendation 22 June 2009 <http://www.xbrl.org/Specification/formula/REC-2009-06-22/formula-REC-2009-06-22.html>
- [6] Open Information Model 1.0, Candidate Recommendation 16 February 2021, <http://www.xbrl.org/Specification/oim/CR-2021-02-16/oim-CR-2021-02-16.html>
- [7] xBRL-XML: XML Mappings for the Open Information Model 1.0, Candidate Recommendation 16 February 2021 <http://www.xbrl.org/Specification/xbrl-xml/CR-2021-02-16/xbrl-xml-CR-2021-02-16.html>
- [8] xBRL-CSV: mapping from Open Information Model 1.0, Candidate Recommendation 3 February 2021 <https://www.xbrl.org/Specification/xbrl-csv/CR-2021-02-03/xbrl-csv-CR-2021-02-03.html>
- [9] Open Information Model 1.0, Candidate Recommendation 14 October 2020 <https://www.xbrl.org/Specification/oim/CR-2020-10-14/oim-CR-2020-10-14.html>
- [10] XBRL Global Ledger Taxonomy Framework 2017, Public Working Draft 01 December 2016 <https://www.xbrl.org/int/gl/2016-12-01/gl-framework-2017-PWD-2016-12-01.html>