



Specification

OEX
OFML Business Data Exchange
(OFML Part VII)

ORDERS
Order

Version 3.1.0
English

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1 Introduction

This specification defines all elements that are used to describe a (purchase) order.

In turn, order changes are transmitted via document type ORDCHG.
An order is followed by an order confirmation (ORDRSP).

An offer from the supplier (QUOTES) may have preceded the order.

Details on the order are given from the point of view of the purchaser, not of the view of a possibly involved end-customer, on whose behalf the order is placed.

Further applicable specifications (in the respectively valid version, see 2.1):

OEX-GLOBAL – Superior specification (document-type independent)

Related document types/specifications:

Request (OEX-REQOTE), quotation (OEX-QUOTES), order confirmation (OEX-ORDRSP), order Change (OEX-ORDCHG), dispatch advice (OEX-DESADV) and invoice (OEX-INVOIC).

1.1 Using this specification

This specification describes especially the structure and elements for the document type “ORDERS - order”. Global structures and elements being also used for other document types are described in detail in the superior specification “OEX-GLOBAL” of the corresponding version. Only structures and elements that are derived from “OEX-GLOBAL” and which are document-type specific are described in this specification.

1.2 Filename convention

Filename convention for the document type “ORDERS” is:

```
oex-orders_<sender-id>_jjjjmmtt-hhmmss.xml
```

The base of the filename consists of the document type as well as of date and time (24-hours format) of the file creation. The file extension is “xml”.

<sender-id> is the variable part of the filename which must be allocated by the sender of the file. Its maximum length is 20 digits. For instance, this could be a consecutive numeration of the sender or the number of the client or supplier.

Only digits, letters and hyphens are permitted.

In case of failure it is also possible to draw a conclusion with these details in the file type, its sender and the date when it was created.

Examples: oex-orders_VI00025030_20051025-110842.xml
oex-orders_ABC-9564154_20050809-213306.xml

1.3 XML Declaration

XML Version and Code Page

See superior specification OEX-GLOBAL.

XML Scheme (XS) Integration

The integration of the document-type specific schema is effected by attributes defined for XML schemes within the frame element `oexDocFrame`:

```
<oexDocFrame aMajor="3"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="oex-orders_<Major>.<Minor>.<Build>.xsd">
```

The integration of the superior schema (`oex-global`) is already defined in the document-type specific schema.

Valid Version of the XML Schemas

To this specification, the document-type related schema in version 3.1.0 `oex-orders_3.1.0.xsd` applies, or in case of modification of the schema without effecting this specification, the schema with the highest build number.

1.4 Validation methods

If appropriate XML parsers are used, the respectively valid XML schema (XS) can be applied to check an OEX-ORDERS document.

The schema is derived from the corresponding specifications and provided as master tool concerning element structure and data definition. Further checks of logical contents and dependencies as well as a mapping of the data are subject to the respectively used application.

1.5 Completeness of the document

In principle, the document is transferred completely, i.e. also with document items (or data) containing no modifications with respect to a possibly preceding quotation (`aAction = N`), see also frame element `oexDocument`.

1.6 Legend

Explanation of specific columns used in the tables in chapter "Structure".

| Column | Description | Values | Meaning |
|--------------------|-------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rec | Recurrence | 1 | Element appears exactly once |
| | | #+ | Element has to appear minimum # times or more. „#“ is a placeholder for any number. (Example: 1+ = „must“ 1 time, „can“ several times) |
| | | #* | Element can appear 0 to several times, up to maximum # times, where „#“ is a placeholder for any number. If the element is a mandatory element, it must occur at least once. (Ex.: 3* = 1 to 3 times) |
| | | * | Element can appear 0 to several times. If the element is a mandatory element, it must occur at least once. |
| M. Mandat . | Mandatory element | <empty> | Element may be available. If it is available it must contain a value. |
| | | X | Element must be available and contain a value. |
| | | # | Element may be available. If it is available it must contain a value. The placeholder # stands for a consecutive number, starting with 1 for sub elements within a frame element which are mutually dependent and, in general, have to be indicated in combination. (e.g. quantity and quantity unit) |
| Key | Key element | ! | Element must be available and contain a value. In addition, the element with its value and if the case may be, with the specifically indicated mandatory attributes must be well-defined in the case of repetitions within a frame element. If several elements are indicated that way they form a unique value (effect as in the case of a primary key). |
| Mod | Modification | <empty> | Element is document-related and/or refers to the indicated type of the superior specification. |
| | | D | Element derives from the indicated type of the superior specification and is adapted to the related document. |

2 Definitions

2.1 Superior specification

The superior specifications (applicable to all document-types) can be found in the document OEX-GLOBAL in the respectively valid version 3.1.x. In which the „x“ refers to the highest build version number.

2.2 Document-type related specifications

Specification of the document “ORDERS” – Order (purchase order)

Version rules

This specification is available as version 3.1.0:

| | |
|-------|-------|
| Major | 3.1.0 |
| Minor | 3.1.0 |
| Build | 3.1.0 |

Detailed explanations of the version rules can be found in the superior specification (OEX-GLOBAL).

Recurrence, mandatory and key elements

Element features like recurrence, mandatory and key elements, can be set document-type related and do not implicate a derivation to the referred types or domains of the superior specification (OEX-GLOBAL).

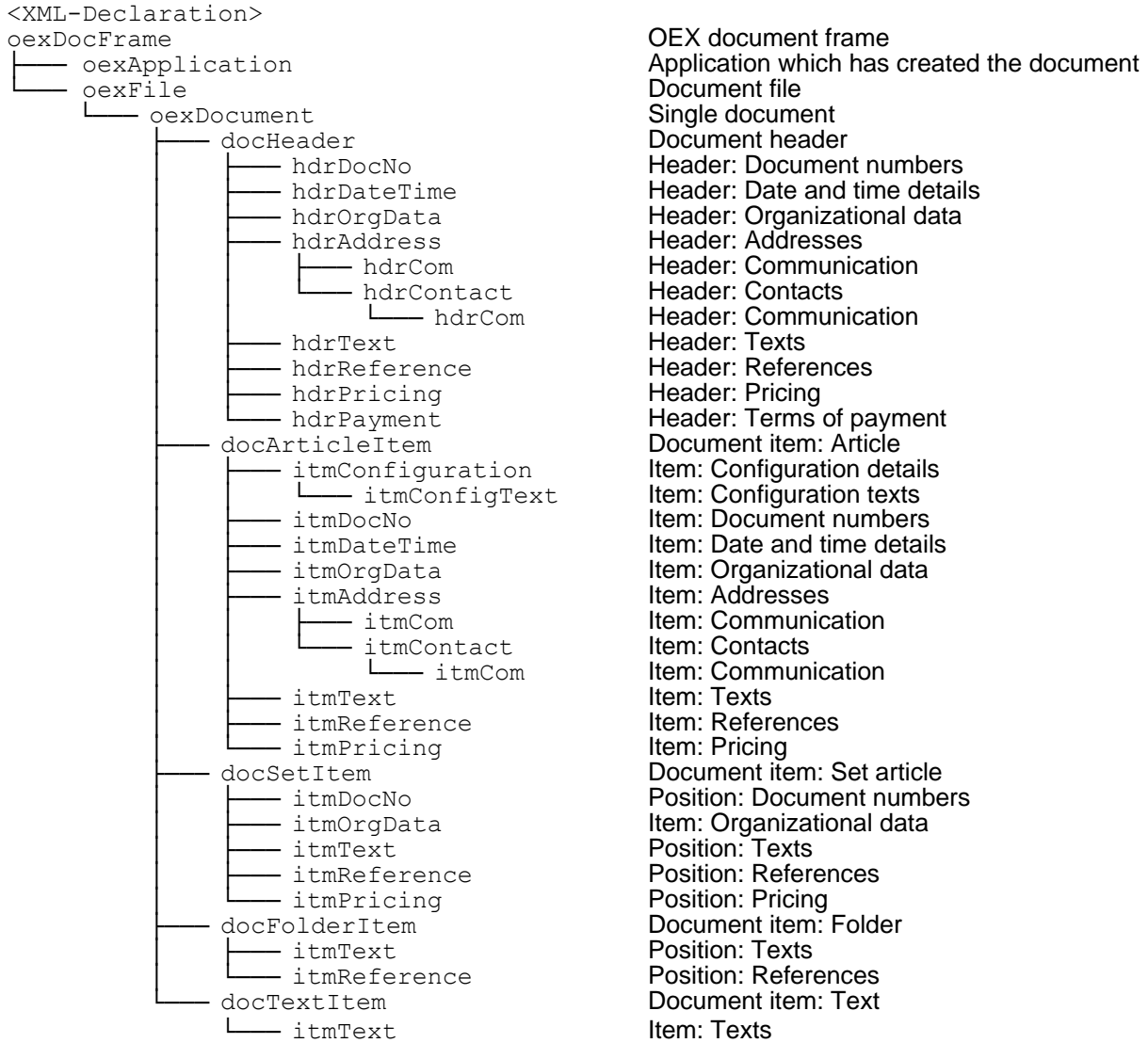
Derived element types

An element type is called “derived“ if it restricts itself to certain values, attributes and / or sub elements in opposition to its superior specification (OEX-GLOBAL).

3 Structure

3.1 Overview of the document structure

Structure of the frame elements



3.2 Frame element oexDocFrame – OEX document frame

| Element | Type | Rec | M. | Key | Mod | Description |
|-------------|----------|-----|----|-----|-----|--------------------|
| oexDocFrame | DocFrame | 1 | X | | | OEX document frame |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|----------------|--------|-----|----|-----|-----|--------------------------------------------|
| oexApplication | Applic | 1 | X | | | Application which has created the document |
| oexFile | File | 1 | X | | | File of documents |

3.3 Frame element oexApplication – Application, creating the document

| Element | Type | Rec | M. | Key | Mod | Description |
|----------------|--------|-----|----|-----|-----|--------------------------------------------|
| oexApplication | Applic | 1 | X | | | Application which has created the document |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|-------------|------------|-----|----|-----|-----|------------------------|
| vAppName | Value | 1 | X | | | Name of application |
| eAppVersion | AppVersion | 1 | X | | | Version of application |

3.4 Frame element oexFile – File of documents

| Element | Type | Rec | M. | Key | Mod | Description |
|---------|------|-----|----|-----|-----|-------------------|
| oexFile | File | 1 | X | | | File of documents |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|---------------|------------------------|-----|----|-----|-----|----------------------|
| vDocumentType | DocumentType | 1 | X | | D | Type of document |
| | Attribute | | | | | |
| | aMajor | | X | | | Major version number |
| | aMinor | | X | | | Minor version number |
| | aBuild | | X | | | Build version number |
| | Table of values | | | | | D |
| | ORDERS | | | | | Order |
| oexDocument | Document | 1+ | X | | D | Single document |

3.5 Frame element oexDocument – Single document

| Element | Type | Rec | M. | Key | Mod | Description |
|-------------|------------------|-----|----|-----|--------|---------------------------------------|
| oexDocument | Document | 1+ | X | ! | | Single document |
| | Attribute | | | | | |
| | aDocNo | | X | ! | | Consecutive number of the document |
| | aItemCount | | X | | | Total number of items within document |
| aAction | | X | | | Action | |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|----------------|--------|-----|----|-----|-----|----------------------------|
| docHeader | Header | 1 | X | | | Document header |
| docArticleItem | Item | 1+ | X | | D | Document item: Article |
| docSetItem | Item | * | | | D | Document item: Set article |
| docFolderItem | Item | * | | | D | Document item: Folder |
| docTextItem | Item | * | | | D | Document item: Text |

This frame element contains the elements that are used to describe an (purchase) order.

An offer from the supplier (QUOTES) may have preceded the order. If a change has been made to at least one document item in comparison to the quotation, value **M** must be specified for the attribute **aAction**. For the changed document items (**doc*Item**), the attribute has to be set accordingly. If there were no changes in the document items, value **N** must be specified for attribute **aAction** here and in all document items. If the order is not preceded by an offer, value **C** (Create) must be specified for the attribute **aAction** here and in all document items.

3.6 Frame element docHeader – Document header

| Element | Type | Rec | M. | Key | Mod | Description |
|-----------|--------|-----|----|-----|-----|-----------------|
| docHeader | Header | 1 | X | | | Document header |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|-------------------|-----------------|-----|----|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------|
| vOrderNumber | DocNo | 1 | X | | | Order number <i>Unique number of the purchase order.</i> |
| vPrecedingDocType | DocNoType | 1 | 4 | | D | Type of (the number of) preceding document |
| | Table of values | | | | | |
| | QUO | | | | | |
| vPrecedingDocNo | DocNo | 1 | 4 | | | Number of preceding document |
| vClientNumber | Value | 1 | X | | | Client number <i>Number, which is used by the vendor (supplier) for his client.</i> |
| vClientID | ClientID | * | | | | Client ID |
| vClientClass | ClientClass | * | | | | Client classification |
| vVendorNumber | Value | 1 | X | | | Vendor (supplier) number <i>Number, which is used by the purchaser (client) for his vendor.</i> |
| vSupplierID | SupplierID | * | | | | Supplier ID |
| vSupplierClass | SupplierClass | * | | | | Supplier classification |
| vDocCurrency | DocCurrency | 1 | X | | | Currency of document |
| vIncoTerm | IncoTerm | 1 | 1 | | | Inco Terms (terms of delivery) <i>Different terms of delivery can be specified within the header text "Delivery conditions".</i> |
| vIncoTermLocation | IncoTermLoc | 1 | 1 | | | Location concerning Inco Terms |

| | | | | | | |
|-------------------------|---------------------|-----------|----------|--|----------|--------------------------------------|
| vPartialDelivery | PartDelivery | 1 | X | | | Allow partial deliveries? |
| vDocLanguage | DocLanguage | 1 | X | | | Language of document |
| vOrderType | OrderType | 1 | | | | Type of order |
| vGrossWeight | GrossWeight | 1 | 2 | | | Gross weight (total) |
| vNetWeight | NetWeight | 1 | 2 | | | Net weight (total) |
| vUnitWeight | UnitWeight | 1 | 2 | | | Weight unit |
| vVolume | Volume | 1 | 3 | | | Volume (total) |
| vUnitVolume | UnitVolume | 1 | 3 | | | Volume unit |
| hdrDocNo | DocNo | * | | | D | Header: Document numbers |
| hdrDateTime | DateTime | 1+ | X | | | Header: Date and time details |
| hdrOrgData | OrgData | * | | | | Header: Organizational data |
| hdrAddress | Address | * | | | | Header: Addresses |
| hdrText | Text | * | | | | Header: Texts |
| hdrReference | Reference | * | | | | Header: References |
| hdrPricing | Pricing | * | | | D | Header: Pricing |
| hdrPayment | Payment | 3* | | | | Header: Terms of payment |

The document header contains all important references of the document.

Explanation of mandatory details:

- 1 The location for Inco Terms has to be specified as soon as the delivery term requires it.
- 2 The weight unit has to be specified as soon as the gross weight and/or the net weight are specified.
- 3 The volume unit has to be specified as soon as the volume is specified.
- 4 If the number of the preceding document is specified, the type of the number must also be specified.

3.7 Frame element **hdrDocNo** – Header: Document numbers

| Element | Type | Rec | M. | Key | Mod | Description |
|-----------------|--------------|------------|-----------|------------|------------|---------------------------------|
| hdrDocNo | DocNo | * | | | | Header: Document numbers |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|-------------------|------------------|------------|-----------|------------|------------|--------------------------------|
| vDocNoType | DocNoType | 1 | X | | | Type of document number |
| vDocNo | DocNo | 1 | X | | | Document number |

This frame element contains the document numbers of the preceding documents in the sequence of the business case and/or additional documents as a reference to the order.

As needed, specific items in other documents can be referenced in frame element *itmDocNo*.

The indication of the order number itself as well as of the number of the direct preceding document is not permitted here because they already are specified in frame element *docHeader* (element *vOrderNumber* resp. *vPrecedingDocNo*).

3.8 Frame element `hdrDateTime` – Header: Date and time details

| Element | Type | Rec | M. | Key | Mod | Description |
|--------------------------|-----------------------|-----|----|-----|-----|-------------------------------|
| <code>hdrDateTime</code> | <code>DateTime</code> | 1+ | X | ! | | Header: Date and time details |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|----------------------------|---------------------------|-----|----|-----|-----|-------------------|
| <code>vDateTimeType</code> | <code>DateTimeType</code> | 1 | X | ! | | Type of date/time |
| <code>vTimeZone</code> | <code>TimeZone</code> | 1 | X | | | Time zone |
| <code>vDateValue</code> | <code>Date</code> | 1 | X | | | Date |
| <code>vTimeValue</code> | <code>Time</code> | 1 | | | | Time |

This frame element is used to transfer date and time details of the order header.

At least the document date (`DOC`) must be specified.

Furthermore a requested delivery date (`CRD`) and the order date (`ORD`) can be specified for instance.

3.9 Frame element `hdrOrgData` – Header: Organizational data

| Element | Type | Rec | M. | Key | Mod | Description |
|-------------------------|----------------------|-----|----|-----|-----|-----------------------------|
| <code>hdrOrgData</code> | <code>OrgData</code> | * | | ! | | Header: Organizational data |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|----------------------------|--------------------------|-----|----|-----|-----|------------------------------|
| <code>vOrgDataType</code> | <code>OrgDataType</code> | 1 | X | ! | | Type of organizational data |
| <code>vOrgDataValue</code> | <code>Value</code> | 1 | X | | | Value of organizational data |

Example of usage: `Commission details (COM)` `"Commission Smith"`

3.10 Frame element `hdrAddress` – Header: Addresses

| Element | Type | Rec | M. | Key | Mod | Description |
|-------------------------|----------------------|-----|----|-----|-----|-------------------|
| <code>hdrAddress</code> | <code>Address</code> | * | | ! | | Header: Addresses |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|-------------------------------|----------------------------|-----|----|-----|-----|-------------------------|
| <code>vAddressType</code> | <code>AddressType</code> | 1 | X | ! | | Type of address |
| <code>vAddressNumber</code> | <code>Value</code> | 1 | | | | Address number |
| <code>vAddressID</code> | <code>AddressID</code> | * | | | | Address ID |
| <code>vTitle</code> | <code>Value</code> | 1 | | | | Title |
| <code>vName1</code> | <code>Name1</code> | 1 | X | | | Name 1 |
| <code>vName2</code> | <code>Name2</code> | 1 | | | | Name 2 |
| <code>vName3</code> | <code>Name3</code> | 1 | | | | Name 3 |
| <code>vName4</code> | <code>Name4</code> | 1 | | | | Name 4 |
| <code>vStreet</code> | <code>Street</code> | 1 | X | | | Street |
| <code>vStreetNo</code> | <code>Value</code> | 1 | | | | Street number |
| <code>vStreet2</code> | <code>Street2</code> | 1 | | | | Street 2 |
| <code>vCountryCode</code> | <code>CountryCode</code> | 1 | X | | | Country code |
| <code>vPostalCode</code> | <code>PostalCode</code> | 1 | X | | | Postal code |
| <code>vLocation</code> | <code>Location</code> | 1 | X | | | Location (city) |
| <code>vDistrict</code> | <code>District</code> | 1 | | | | District |
| <code>vCountyCode</code> | <code>CountyCode</code> | 1 | | | | County/district/state |
| <code>vPostalCodePOBox</code> | <code>PostalCodePOB</code> | 1 | | | | Postal code of P.O. Box |

| | | | | | | |
|-------------|---------|---|--|--|--|--------------------------------------|
| vPOBox | Value | 1 | | | | P.O. Box (post-office box) |
| vTaxCode | Value | 1 | | | | Tax number at tax office/authorities |
| vTaxCodeEU | Value | 1 | | | | Sales tax identification number (EU) |
| vTaxCodeUSA | Value | 1 | | | | Sales tax code USA / Jurisdiction |
| hdrCom | Com | * | | | | Header: Communication |
| hdrContact | Contact | * | | | | Header: Contacts |

If no ship-to party address (SH) is specified, the address of the sold-to party (SO) or the address of the master data of the supplier is used.

The business partner must define if the given shipping address is a differing shipping address that is possibly conditioned differently than the shipment address(es) agreed on. As indicators, e.g. the address number or the organization type TRZ transport zone can be used. The former would be defined by the master data, the latter by transport zones. (e.g. 1 = zone 1 means no freight costs; 2 = zone 2 means freight costs of 100,00 and will be reflected in the pricing Pricing etc.)

In general, especially the addresses of the sold-to party (SO) and the supplier (SU) are known by both business partners and saved as master data. They need not necessarily be transferred, they correspond to the customer number or supplier number of the document header (docHeader).

If applicable, the contact responsible for the order is transmitted with an address.

3.11 Frame element hdrCom – Header: Communication

| Element | Type | Rec | M. | Key | Mod | Description |
|---------|------|-----|----|-----|-----|-----------------------|
| hdrCom | Com | * | | ! | | Header: Communication |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|------------|------------|-----|----|-----|-----|------------------------|
| vComType | ComType | 1 | X | ! | | Type of communication |
| | Attribute | | | | | |
| | aScopeInfo | | X | ! | | Scope of information |
| vComValue | Value | 1 | X | | | Value of communication |

For specifying a phone number, fax number, e-mail-address etc. appendant to the address and/or the contact.

3.12 Frame element hdrContact – Header: Contacts

| Element | Type | Rec | M. | Key | Mod | Description |
|------------|---------|-----|----|-----|-----|------------------|
| hdrContact | Contact | * | | | | Header: Contacts |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|----------------|-------------|-----|----|-----|-----|-----------------------|
| vContactType | ContactType | 1 | X | | | Type of contact |
| vContactNumber | Value | 1 | | | | Contact number |
| vTitle | Value | 1 | | | | Title |
| vFirstName | FirstName | 1 | | | | First name |
| vLastName | LastName | 1 | X | | | Last name |
| hdrCom | Com | * | | | | Header: Communication |

For specifying contacts that are required for processing the concerning business case or are organizationally assigned to it (e.g. one or more sales persons regarding commissions).

3.13 Frame element `hdrText` – Header: Texts

| Element | Type | Rec | M. | Key | Mod | Description |
|----------------------|------|-----|----|-----|-----|---------------|
| <code>hdrText</code> | Text | * | | ! | | Header: Texts |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|----------------------------|--------------|-----|----|-----|-----|------------------|
| <code>vTextType</code> | TextType | 1 | X | ! | | Type of text |
| <code>vTextLanguage</code> | TextLanguage | 1 | X | ! | | Language of text |
| <code>vTextContent</code> | TextContent | 1+ | X | | | Content of text |

3.14 Frame element `hdrReference` – Header: References

| Element | Type | Rec | M. | Key | Mod | Description |
|---------------------------|-----------|-----|----|-----|-----|--------------------|
| <code>hdrReference</code> | Reference | * | | | | Header: References |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|------------------------------|---------------|-----|----|-----|-----|-------------------------------------------------------------|
| <code>vReferenceType</code> | ReferenceType | 1 | X | | | Type of reference |
| <code>vReferenceValue</code> | Value | 1 | X | | | Value of reference |
| <code>vReferenceDesc</code> | Value | 1 | X | | | Description of reference (<i>language of document</i>) |

If attachments of an OEX document are sent in an e-mail, they have to be indicated accordingly. This enables the application to allocate different attachments to the corresponding OEX document and if necessary to process them.

Example of usage: Internet link (LNK) to a tracking system
 "<http://www.harrison-office.com/orderstatus.html?p=1213131>"

3.15 Frame element `hdrPricing` – Header: Pricing

| Element | Type | Rec | M. | Key | Mod | Description |
|-------------------------|---------|-----|----|-----|-----|-----------------|
| <code>hdrPricing</code> | Pricing | * | | | D | Header: Pricing |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|------------------------------|----------------|-----|----|-----|-----|-------------------------------------------------------------|
| <code>vConditionType</code> | ConditionType | 1 | X | | | Type of condition |
| <code>vConditionValue</code> | ConditionValue | 1 | X | | | Value of condition |
| <code>vConditionRate</code> | ConditionRate | 1 | | | | Rate of condition |
| <code>vCondCurrency</code> | CondCurrency | 1 | | | | Currency of condition |
| <code>vConditionText</code> | ConditionText | 1 | | | | Description of condition (<i>language of document</i>) |

In this frame element the net total of the order items of an order (`TNET`, resp. `TNEH`) is specified (mandatory). This is used as check-sum during processing of the document. Other details as for instance discounts are optional, but can also be used as check during processing. Unless otherwise stated, the condition currency is pre-defined by the document currency. The condition area should be limited to purchase (`aCondArea="P"`).

Note: In contrast to the price details on order item level the sub elements for price unit and quantity unit in this frame element have been omitted, because here it's always about total (sum) conditions.

Example 1 – Specification of the net value of the order:

Net value of order item 1 is \$ 100,00

Net value of order item 2 is \$ 150,00

```
<hdrPricing aCondNo="1">
  <vConditionType aCondArea="P">TNET</vConditionType>
  <vConditionValue>250.00</vConditionValue>
  <vCondCurrency>USD</vCondCurrency>
</hdrPricing>
```

Example 2 – Specification of further order conditions as total of the order items:

Gross value of order item 1 is \$ 125,00

Discount rate of order item 1 is 20% as basic discount

Net value of order item 1 is \$ 100,00

Gross value of order item 2 is \$ 200,00

Discount rate of order item 2 is 25% as basic discount

Net value of order item 2 is \$ 150,00

```
<hdrPricing aCondNo="1">
  <vConditionType aCondArea="P">TGRO</vConditionType>
  <vConditionValue>325.00</vConditionValue>
  <vCondCurrency>USD</vCondCurrency>
</hdrPricing>
<hdrPricing aCondNo="2">
  <vConditionType aCondArea="P" aCondRef="1" aTypeDis="BD" aCondSign="-">DISI</vConditionType>
  <vConditionValue>75.00</vConditionValue>
  <vCondCurrency>USD</vCondCurrency>
  <vConditionText>Basic discount</vConditionText>
</hdrPricing>
<hdrPricing aCondNo="3">
  <vConditionType aCondArea="P">TNET</vConditionType>
  <vConditionValue>250.00</vConditionValue>
  <vCondCurrency>USD</vCondCurrency>
</hdrPricing>
```

The discounts are indicated as absolute total values resulting from the items with the same discount type (aTypeDis).

3.16 Frame element `hdrPayment` – Header: Terms of payment

| Element | Type | Rec | M. | Key | Mod | Description |
|-------------------------|---------|-----|----|-----|-----|--------------------------|
| <code>hdrPayment</code> | Payment | 3* | | ! | | Header: Terms of payment |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|---------------------------|-------------|-----|----|-----|-----|---------------------------------|
| <code>vPaymentPart</code> | PaymentPart | 1 | X | ! | | Part of payment term |
| <code>vPaymentRate</code> | PaymentRate | 1 | X | | | Discount rate (%) |
| <code>vPaymentDays</code> | PaymentDays | 1 | X | | | Number of days (payment target) |

3.17 Frame element docArticleItem – Document item: Article

| Element | Type | Rec | M. | Key | Mod | Description |
|----------------|-----------|-----|----|-----|-------------------------------------------|-------------------------------------|
| docArticleItem | Item | 1+ | X | ! | D | Document item: Article |
| | Attribute | | | | D | |
| | aItemNo | | X | ! | | Consecutive number of document item |
| | aAction | | X | | D | Action |
| | aUUID | | X | | | Universally Unique Identifier |
| aIsPseudo | | | | | Does the item represent a pseudo article? | |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|-------------------|----------------|-----|----|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| vPrecDocItemNo | DocItemNo | 1 | | | | Number of item in preceding document <i>The preceding document is specified in the document header.</i> |
| vOrderItemNumber | DocItemNo | 1 | X | | | Order item number <i>Unique order item number (within the order).</i> |
| vOrderTopLevelNo | DocItemNo | 1 | | | | Number of higher level order item |
| vOrderComposNo | OrderComposNo | 1 | 3 | | | Number of order item of the composite article <i>This reference defines that the article automatically was created by the referenced composite article.</i> |
| vOrderSubArtId | CompSubArtId | 1 | 3 | | | Identification of the sub article <i>The ID is assigned by the composite article.</i> |
| vOrderAddStateCd | AddStateCode | 1 | | | | Additional state information |
| vOrderAddStateCd2 | AddStateCode | 1 | | | | Additional state information for encapsulated OFML instance |
| vClientArticleNo | ClientArtNo | 1 | | | | Article number of client |
| vVendorArticleNo | VendorArtNo | 1 | X | | | Article number of vendor (supplier) |
| vVendorID | VendorID | 1 | X | | | Vendor ID |
| vVendorSeries | VendorSeries | 1 | X | | | Vendor Series |
| vCatalogId | CatalogId | 1 | | | | Catalog ID |
| vArticleEAN | EAN Article | 1 | | | | EAN of article |
| vOrderQuantity | Quantity | 1 | X | | | Order quantity |
| vOrderUnit | QuantUnit | 1 | X | | | Order unit |
| vGrossWeight | GrossWeight | 1 | 1 | | | Gross weight (total) |
| vNetWeight | NetWeight | 1 | 1 | | | Net weight (total) |
| vUnitWeight | UnitWeight | 1 | 1 | | | Weight unit |
| vVolume | Volume | 1 | 2 | | | Volume (total) |
| vUnitVolume | UnitVolume | 1 | 2 | | | Volume unit |
| vClassification | Classification | * | | | | Class/category of order item |
| itmConfiguration | Config | * | | | | Item: Configuration details |
| itmDocNo | DocNo | * | | | | Item: Document numbers |
| itmDateTime | DateTime | * | | | | Item: Date and time details |
| itmOrgData | OrgData | * | | | | Item: Organizational data |
| itmAddress | Address | * | | | | Item: Addresses |
| itmText | Text | 1+ | X | | | Item: Texts |
| itmReference | Reference | * | | | | Item: References |
| itmPricing | Pricing | * | | | | Item: Pricing |

Basic data of order item.

If the purchase order was not preceded by an offer (see document header), value C (Create) must be specified for attribute aAction. (This also applies to all sub elements with this attribute.)

If the purchase was preceded by an offer and a change was made to at least one sub element compared to the quotation, value M must be specified for attribute aAction. For the modified sub elements, the attribute must be set accordingly. If there were no changes, attribute aAction can be omitted or value N must be specified.

Due to the interaction of the item number and the number of the higher-level item a hierarchy structure (e.g. including sub articles) can be displayed. By referring to a higher-level item of type docFolderItem, also folder structures can be displayed.

Specific item numbers, such as "100.A.10-1", can be transmitted by the organization data POS. However, to which extent another application can process those, return them or even use them for itself, remains unsettled.

The additional state information for the encapsulated OFML instance (vOrderAddStateCd2) is required if the instance that represents the article is encapsulated by a Meta type instance and shares a position with it. (The code for the Meta type instance then must be specified in vOrderAddStateCd.)

Explanation of mandatory details:

- 1 The **Weight unit** has to be specified as soon as the **Gross weight** and/or the **Net weight** are specified.
- 2 The **Volume unit** has to be specified as soon as the **Volume** is specified.
- 3 The **Identification of the sub article** can only be specified if the **Number of order item of the composite article** is specified.

At least the short text of a standard article must be specified. A long text can be omitted in this case. This is different for special articles (compare global OEX value type VendorArtNo → aStatus).

3.18 Frame element docSetItem – Document item: Set article

| Element | Type | Rec | M. | Key | Mod | Description |
|------------|-----------|-----|----|-----|-----|-------------------------------------|
| docSetItem | Item | * | | ! | D | Document item: Article |
| | Attribute | | | | D | |
| | aItemNo | | X | ! | | Consecutive number of document item |
| | aAction | | X | | D | Action |
| | aUUID | | X | | | Universally Unique Identifier |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|------------------|--------------|-----|----|-----|-----|-------------------------------------------------------------------------------------------------------------------|
| vPrecDocItemNo | DocItemNo | 1 | | | | Number of item in preceding document <i>The preceding document is specified in the document header.</i> |
| vOrderItemNumber | DocItemNo | 1 | X | | | Order item number <i>Unique order item number (within the order).</i> |
| vOrderTopLevelNo | DocItemNo | 1 | | | | Number of higher level order item |
| vClientArticleNo | ClientArtNo | 1 | | | | Article number of client |
| vVendorArticleNo | VendorArtNo | 1 | 1 | | | Article number of vendor (supplier) |
| vVendorID | VendorID | 1 | | | | Vendor ID |
| vVendorSeries | VendorSeries | 1 | | | | Vendor Series ID |
| vOrderQuantity | Quantity | 1 | X | | | Order quantity |
| vOrderUnit | QuantUnit | 1 | X | | | Order unit |

| | | | | | | |
|---------------------|------------------|---|---|--|--|----------------------------------|
| itmDocNo | DocNo | * | | | | Item: Document numbers |
| itmOrgData | OrgData | * | | | | Item: Organizational data |
| itmText | Text | * | 1 | | | Item: Texts |
| itmReference | Reference | * | | | | Item: References |
| itmPricing | Pricing | * | | | | Item: Pricing |

A set article summarizes several articles (sub items) into one position. The price of a set article is automatically calculated according to the articles contained in it (including quantities and discounts) and according to the quantity of the set article. If the set position contains **itmPricing** sub elements, these only serve for information, i.e., the prices indicated there are not part of the price calculation at header level (document).

For the use of attribute **aAction** and of the item numbers, see frame element **docArticleItem**.

Explanation of mandatory details:

- 1 If no **vendor article number** is specified, the **article short text** has to be specified (sub element **itmText**).

3.19 Frame element **docFolderItem** – Document item: Folder

| Element | Type | Rec | M. | Key | Mod | Description |
|----------------------|-----------------|-----|----|-----|-----|-------------------------------------|
| docFolderItem | Item | * | | ! | D | Document item: Folder |
| | Attribut | | | | D | |
| | aItemNo | | X | ! | | Consecutive number of document item |
| | aAction | | X | | D | Action |
| | aUUID | | X | | | Universally Unique Identifier |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|-------------------------|--------------------|-----|----|-----|-----|-------------------------------------------------------------------------------------------------------------------|
| vPrecDocItemNo | DocItemNo | 1 | | | | Number of item in preceding document <i>The preceding document is specified in the document header.</i> |
| vOrderItemNumber | DocItemNo | 1 | X | | | Order item number <i>Unique order item number (within the order).</i> |
| vOrderTopLevelNo | DocItemNo | 1 | | | | Number of higher level order item |
| vFolderName | Value | 1 | X | | | Name of folder <i>(in language of document)</i> |
| vFolderIsLOC | FolderIsLOC | 1 | | | | Is the folder name an indication of location? |
| itmText | Text | * | | | | Position: Texts |
| itmReference | Reference | * | | | | Position: References |

For the use of attribute **aAction** and of the item numbers, see frame element **docArticleItem**.

If the application that creates the document allows the user to explicitly mark the folder name (**vFolderName**) as a location description (room text), the folder name should be transferred in the element **vFolderIsLOC**. In the case of Y (yes), the folder name should then also be transferred within sub elements of type **docArticleItem** and **docSetItem** in a **itmOrgData** element with **OrgDataType** **LOC**. (This may facilitate processing in receiving systems that manage room texts for article items).

3.20 Frame element docTextItem – Document item: Text

| Element | Type | Rec | M. | Key | Mod | Description |
|-------------|----------|-----|----|-----|-----|-------------------------------------|
| docTextItem | Item | * | | ! | D | Document item: Text |
| | Attribut | | | | D | |
| | aItemNo | | X | ! | | Consecutive number of document item |
| | aAction | | X | | D | Action |
| | aUUID | | X | | | Universally Unique Identifier |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|------------------|-----------|-----|----|-----|-----|-------------------------------------------------------------------------------------------------------------------|
| vPrecDocItemNo | DocItemNo | 1 | | | | Number of item in preceding document <i>The preceding document is specified in the document header.</i> |
| vOrderItemNumber | DocItemNo | 1 | X | | | Order item number <i>Unique order item number (within the order).</i> |
| vOrderTopLevelNo | DocItemNo | 1 | | | | Number of higher level order item |
| vItemName | Value | 1 | X | | | Name of item <i>(in language of document)</i> |
| itmText | Text | * | | | | Position: Texts |

For the use of attribute aAction and of the item numbers, see frame element docArticleItem.

3.21 Frame element itmConfiguration – Item: Configuration details

| Element | Type | Rec | M. | Key | Mod | Description |
|------------------|--------|-----|----|-----|-----|-----------------------------|
| itmConfiguration | Config | * | | | | Item: Configuration details |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|---------------|------------|-----|----|-----|-----|---------------------------|
| vClassID | Value | 1 | | | | Class ID |
| vOptionID | Value | 1 | X | | | Option |
| vOptionEAN | EAN_option | 1 | | | | EAN of Option ID |
| vValueID | Value | 1 | X | | | Value ID |
| vValueEAN | EAN_value | 1 | | | | EAN of Value ID |
| itmConfigText | ConfigText | * | | | | Item: Configuration texts |

3.22 Frame element itmConfigText – Item: Configuration texts

| Element | Type | Rec | M. | Key | Mod | Description |
|---------------|------------|-----|----|-----|-----|---------------------------|
| itmConfigText | ConfigText | * | | | | Item: Configuration texts |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|---------------|--------------|-----|----|-----|-----|-----------------------------------------------------------------------------------------------|
| vTextLanguage | TextLanguage | 1 | X | | | Text language |
| vOptionText | OptionText | 1 | X | | | Option text |
| vValueText | ValueText | * | | | | Value text Here, the text is skipped if it is a freely specifiable character value. |

Note: Transmitting the texts (characters and values) can be omitted if it is not the original article of the vendor, because their contents cannot be changed. Deviating article descriptions are integrated in the modified article text (see `vTextType = ARTM`). Then the article has to be indicated as „Modified Article“ (`vVendorArticleNo → aStatus = M`).

3.23 Frame element `itmDocNo` – Item: Document numbers

| Element | Type | Rec | M. | Key | Mod | Description |
|-----------------------|--------------------|-----|----|-----|-----|------------------------|
| <code>itmDocNo</code> | <code>DocNo</code> | * | | | | Item: Document numbers |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|-------------------------|------------------------|-----|----|-----|-----|-------------------------|
| <code>vDocNoType</code> | <code>DocNoType</code> | 1 | X | | | Type of document number |
| <code>vDocNo</code> | <code>DocNo</code> | 1 | X | | | Document number |
| <code>vDocLine</code> | <code>DocItemNo</code> | 1 | | | | Number of document item |

This frame element contains the item numbers of the previous documents in the sequence of the business case and/or additional documents as a reference to the order. The indication of the item number always is necessary except for documents without items.

3.24 Frame element `itmDateTime` – Item: Date and time details

| Element | Type | Rec | M. | Key | Mod | Description |
|--------------------------|-----------------------|-----|----|-----|-----|-----------------------------|
| <code>itmDateTime</code> | <code>DateTime</code> | * | | ! | | Item: Date and time details |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|----------------------------|---------------------------|-----|----|-----|-----|-------------------|
| <code>vDateTimeType</code> | <code>DateTimeType</code> | 1 | X | ! | | Type of date/time |
| <code>vTimeZone</code> | <code>TimeZone</code> | 1 | X | | | Time zone |
| <code>vDateValue</code> | <code>Date</code> | 1 | X | | | Date |
| <code>vTimeValue</code> | <code>Time</code> | 1 | | | | Time |

This frame element is only used, if its details differ from the data of the superior header frame element `hdrDateTime` or if it is containing additional information relevant for the document item.

3.25 Frame element `itmOrgData` – Item: Organizational data

| Element | Type | Rec | M. | Key | Mod | Description |
|-------------------------|----------------------|-----|----|-----|-----|---------------------------|
| <code>itmOrgData</code> | <code>OrgData</code> | * | | ! | | Item: Organizational data |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|----------------------------|--------------------------|-----|----|-----|-----|------------------------------|
| <code>vOrgDataType</code> | <code>OrgDataType</code> | 1 | X | ! | | Type of organizational data |
| <code>vOrgDataValue</code> | <code>Value</code> | 1 | X | | | Value of organizational data |

This frame element is only used, if its details differ from the data of the superior header frame element `hdrOrgData` or if it is containing additional information relevant for the document item.

3.26 Frame element itmAddress – Item: Addresses

| Element | Type | Rec | M. | Key | Mod | Description |
|------------|---------|-----|----|-----|-----|-----------------|
| itmAddress | Address | * | | ! | | Item: Addresses |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|------------------|---------------|-----|----|-----|-----|--------------------------------------|
| vAddressType | AddressType | 1 | X | ! | | Type of address |
| vAddressNumber | Value | 1 | | | | Address number |
| vAddressID | AddressID | * | | | | Address ID |
| vTitle | Value | 1 | | | | Title |
| vName1 | Name1 | 1 | X | | | Name 1 |
| vName2 | Name2 | 1 | | | | Name 2 |
| vName3 | Name3 | 1 | | | | Name 3 |
| vName4 | Name4 | 1 | | | | Name 4 |
| vStreet | Street | 1 | X | | | Street |
| vStreetNo | Value | 1 | | | | Street number |
| vStreet2 | Street2 | 1 | | | | Street 2 |
| vCountryCode | CountryCode | 1 | X | | | Country code |
| vPostalCode | PostalCode | 1 | X | | | Postal code |
| vLocation | Location | 1 | X | | | Location (city) |
| vDistrict | District | 1 | | | | District |
| vCountyCode | CountyCode | 1 | | | | County/district/state |
| vPostalCodePOBox | PostalCodePOB | 1 | | | | Postal code of P.O. Box |
| vPOBox | Value | 1 | | | | P.O. Box (post-office box) |
| vTaxCode | Value | 1 | | | | Tax number at tax office/authorities |
| vTaxCodeEU | Value | 1 | | | | Sales tax identification number (EU) |
| vTaxCodeUSA | Value | 1 | | | | Sales tax code USA / Jurisdiction |
| itmCom | Com | * | | | | Item: Communication |
| itmContact | Contact | * | | | | Item: Contacts |

This frame element is only used, if its details differ from the data of the superior header frame element `hdrAddress` or if it is containing additional information relevant for the document item.

3.27 Frame element itmCom – Item: Communication

| Element | Type | Rec | M. | Key | Mod | Description |
|---------|------|-----|----|-----|-----|---------------------|
| itmCom | Com | * | | ! | | Item: Communication |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|------------|------------|-----|----|-----|-----|------------------------|
| vComType | ComType | 1 | X | ! | | Type of communication |
| | Attribut | | | | | |
| | aScopeInfo | | X | ! | | Scope of information |
| vComValue | Value | 1 | X | | | Value of communication |

This frame element is only used, if its details differ from the data of the superior header frame element `hdrAddress` or if it is containing additional information relevant for the document item.

3.28 Frame element itmContact – Item: Contacts

| Element | Type | Rec | M. | Key | Mod | Description |
|------------|---------|-----|----|-----|-----|----------------|
| itmContact | Contact | * | | | | Item: Contacts |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|----------------|-------------|-----|----|-----|-----|---------------------|
| vContactType | ContactType | 1 | X | | | Type of contact |
| vContactNumber | Value | 1 | | | | Contact number |
| vTitle | Value | 1 | | | | Title |
| vFirstName | FirstName | 1 | | | | First name |
| vLastName | LastName | 1 | X | | | Last name |
| itmCom | Com | * | | | | Item: Communication |

This frame element is only used, if its details differ from the data of the superior header frame element `hdrAddress` or if it is containing additional information relevant for the document item.

3.29 Frame element itmText – Item: Texts

| Element | Type | Rec | M. | Key | Mod | Description |
|---------|------|-----|----|-----|-----|-------------|
| itmText | Text | * | | ! | | Item: Texts |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|---------------|--------------|-----|----|-----|-----|------------------|
| vTextType | TextType | 1 | X | ! | | Type of text |
| vTextLanguage | TextLanguage | 1 | X | ! | | Language of text |
| vTextContent | TextContent | 1+ | X | | | Content of text |

3.30 Frame element itmReference – Item: References

| Element | Type | Rec | M. | Key | Mod | Description |
|--------------|-----------|-----|----|-----|-----|------------------|
| itmReference | Reference | * | | | | Item: References |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|-----------------|---------------|-----|----|-----|-----|-------------------------------------------------------|
| vReferenceType | ReferenceType | 1 | X | | | Type of Reference |
| vReferenceValue | Value | 1 | X | | | Value of Reference |
| vReferenceDesc | Value | 1 | X | | | Description of reference (in language of document) |

This frame element is only used, if its details differ from the data of the superior header frame element `hdrReference` or if it is containing additional information relevant for the document item.

3.31 Frame element itmPricing – Item: Pricing

| Element | Type | Rec | M. | Key | Mod | Description |
|------------|---------|-----|----|-----|-----|---------------|
| itmPricing | Pricing | * | | | | Item: Pricing |

| Subelement | Type | Rec | M. | Key | Mod | Description |
|-----------------|----------------|-----|----|-----|-----|----------------------------------------------------|
| vConditionType | ConditionType | 1 | X | | | Type of condition |
| vConditionValue | ConditionValue | 1 | X | | | Value of condition |
| vConditionRate | ConditionRate | 1 | | | | Rate of condition |
| vCondCurrency | CondCurrency | 1 | | | | Currency of condition |
| vConditionText | ConditionText | 1 | | | | Description of condition (language of document) |
| vPriceUnit | PriceUnit | 1 | | | | Price unit |
| vQuantUnit | QuantUnit | 1 | | | | Quantity unit |

The specification of the net value of the order item (TNET) is mandatory. This is used as check-sum during processing of the document.

Other details as for instance discounts are optional, but can also be used as check during processing.

Unless otherwise stated, the condition currency is pre-defined by the document currency.

The quantity unit is provided by the order quantity unit (vOrderUnit) if not indicated differently.

The condition area should be limited to purchase (aCondArea="P").

Example 1 – Specification of the net value of the order item:

Net unit price of order item is \$ 50,00

Order quantity = 2

Order unit = C62

```
<itmPricing aCondNo="1">
  <vConditionType aCondArea="P">TNET</vConditionType>
  <vConditionValue>100.00</vConditionValue>      ! TNET = Order quantity x Net unit price
  <vCondCurrency>USD</vCondCurrency>
</itmPricing>
```

Example 2 – Specification of all conditions of the order item:

Gross unit price of order item is \$ 50,00 and tax code 1, 19%

Discount (as basic discount) of 20% from gross unit price

Discount (as showroom discount) of 5% from the already discounted price

Order quantity = 2

Order unit = C62

19% VAT

```
<itmPricing aCondNo="1">
  <vConditionType aCondArea="P">SGRO</vConditionType>
  <vConditionValue>50.00</vConditionValue>
  <vCondCurrency>USD</vCondCurrency>
  <vPriceUnit>1.000</vPriceUnit>
  <vQuantUnit>C62</vQuantUnit>
</itmPricing>
<itmPricing aCondNo="2">
  <vConditionType aCondArea="P" aCondRef="1" aTypeDis="BD" aCondSign="-">DISI</vConditionType>
  <vConditionValue>10.00</vConditionValue>
  <vConditionRate>20.00</vConditionRate>
  <vCondCurrency>USD</vCondCurrency>
  <vConditionText>Basic discount</vConditionText>
  <vPriceUnit>1.000</vPriceUnit>
  <vQuantUnit>C62</vQuantUnit>
</itmPricing>
```

```

<itmPricing aCondNo="3">
  <vConditionType aCondArea="P" aCondRef="2" aTypeDis="D1" aCondSign="-">DISI</vConditionType>
  <vConditionValue>2.00</vConditionValue>
  <vConditionRate>5.00</vConditionRate>
  <vCondCurrency>USD</vCondCurrency>
  <vConditionText>Showroom discount</vConditionText>
  <vPriceUnit>1.000</vPriceUnit>
  <vQuantUnit>C62</vQuantUnit>
</itmPricing>
<itmPricing aCondNo="4">
  <vConditionType aCondArea="P">SNET</vConditionType>
  <vConditionValue>38.00</vConditionValue>
  <vCondCurrency>USD</vCondCurrency>
  <vPriceUnit>1.000</vPriceUnit>
  <vQuantUnit>C62</vQuantUnit>
</itmPricing>
# Here, the order quantity of 2 pieces takes effect: TNET = SNET x 2
<itmPricing aCondNo="5">
  <vConditionType aCondArea="P">TNET</vConditionType>
  <vConditionValue>76.00</vConditionValue>
  <vCondCurrency>USD</vCondCurrency>
</itmPricing>
<itmPricing aCondNo="6">
  <vConditionType aCondArea="P" aTaxCode="1">TTNE</vConditionType>
  <vConditionValue>76.00</vConditionValue>
  <vCondCurrency>USD</vCondCurrency>
</itmPricing>
<itmPricing aCondNo="7">
  <vConditionType aCondArea="P" aCondRef="6" aTaxCode="1">TTAX</vConditionType>
  <vConditionValue>14.44</vConditionValue>
  <vConditionRate>19.00</vConditionRate>
  <vCondCurrency>USD</vCondCurrency>
</itmPricing>
<itmPricing aCondNo="8">
  <vConditionType aCondArea="P">TOTL</vConditionType>
  <vConditionValue>90.44</vConditionValue>
  <vCondCurrency>USD</vCondCurrency>
</itmPricing>

```


4 Appendix

4.1 History of modification

| Version | Modification |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3.1.0 – May 8, 2023 | <ul style="list-style-type: none"> ▪ Minor changes and extensions in the introduction ▪ Clarifications in the frame elements <code>hdrPricing</code> (Header: Pricing) and <code>itmPricing</code> (Item: Pricing) ▪ New attribute <code>aIsPseudo</code> in frame element <code>docArticleItem</code> ▪ New sub element <code>itmOrgData</code> in frame element <code>docSetItem</code>. ▪ Added element <code>vFolderIsLOC</code> in frame element <code>docFolderItem</code> plus recommendation to transfer room texts in sub elements in an <code>itmOrgData</code> element with <code>OrgDataType LOC</code> |
| 3.0.0 – 30.11.2017 | <ul style="list-style-type: none"> ▪ Global changes according to specification GLOBAL 3.0.0 ▪ Changes in the structure of this specification ▪ Frame element <code>oexDocument</code> (Single document): attribute <code>aAction</code> now is mandatory and clarification on the use of the attribute ▪ Frame element <code>docHeader</code>: Element <code>vOrderNumber</code> now has type <code>DocNo</code>. New elements <code>vPrecedingDocType</code> and <code>vPrecedingDocNo</code> (optionally) indicating the (immediate) preceding document. ▪ Frame element <code>hdrDocNo</code>: The number (ID) of the immediate preceding document may no longer be specified here. ▪ Frame element <code>docItem</code> renamed <code>docArticleItem</code>. ▪ Frame element <code>docArticleItem</code>: new (optional) element <code>vPrecDocItemNo</code> for the number of the item in the preceding document. ▪ Frame element <code>docArticleItem</code>: new (optional) element <code>vOrderAddStateCd2</code> for additional state code for possibly encapsulated OFML instance. ▪ Frame element <code>docArticleItem</code>: element <code>vClientArticleNo</code> now has type <code>ClientArtNo</code> (was <code>Value</code>). ▪ New frame elements <code>docFolderItem</code> (Document item: Folder), <code>docTextItem</code> (Document item: Text) and <code>docSetItem</code> (Document item: Set article). |
| 2.3.0 – 1.7.2015 | <ul style="list-style-type: none"> ▪ Global changes according to specification GLOBAL 2.3.0 ▪ Introduced new optional element <code>vClassification</code> in frame element <code>docItem</code> (2.19 Document item) for universal specification of categories or classes. |
| 2.2.0 – 11.10.2013 | <ul style="list-style-type: none"> ▪ Global changes according to specification GLOBAL 2.2.0 ▪ Introduced new optional elements in frame element <code>docHeader</code> (2.8 Document header) for client ID, client classification, supplier ID and supplier classification: <code>vClientID</code>, <code>vClientClass</code>, <code>vSupplierID</code> and <code>vSupplierClass</code>. (Elements <code>vClientILN</code> and <code>vVendorILN</code> were replaced by <code>vClientID</code> resp. <code>vSupplierID</code>). ▪ Introduced new optional elements in frame elements <code>hdrAddress</code> (2.12 Header: Addresses) and <code>itmAddress</code> (2.25 Item: Addresses) for street 2 und district: <code>vStreet2</code> and <code>vDistrict</code>. (Element <code>vAddressILN</code> was replaced by <code>vAddressID</code>). ▪ Introduced new optional elements in frame element <code>docItem</code> (2.19 Document item) for catalog ID, identification of sub article and additional state information: <code>vCatalogId</code>, <code>vOrderSubArtId</code> and <code>vOrderAddStateCd</code>. |
| 2.1.0 – 09.02.2010 | Initial English version |