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| AirSupply |
| TECHNICAL GUIDE for suppliers  (Machine-to-Machine - M2M) |
| <XML> |
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|  |
| BoostAeroXML V2.10 message format  Purchase Order Response |
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|  |
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|  |
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**History**

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| 3.0 | February 2018 | Saskia Rewitzer | Document wide redesign – for reasons of clarity and comprehensibility  The change log was cleaned as all old references do no longer exist and would have been misleading in regards to upcoming changes. |
| 3.1 | 16.09.2020 | Hanna Lapresa | Changes with CR19080901, Servicepack 2020: [Chapter 3.1.4](#_asram:SpecifiedCIORLSupplyChainTrad) - New fields ReasonCodeForModify  ReasonShortDescriptionForModify |
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1. Introduction

# Preface

It is recommended to read the document “Read Me first – BoostAero General information” first, especially if you are a BoostAero XML beginner. The document is available for download on the SupplyOn AirSupply [M2M Guidelines Download Area](https://cms.application.prd.supplyon.com/en/info-portal/supplyon-m2m-guidelines?sid=2&rtid=1).

# Purpose of the document

This document is a technical guide for suppliers to connect to AirSupply via a machine-to-machine connection. The technical guide includes the XML structure definition for high level (business) context in order to provide suppliers with all necessary information. M2M/EDI with the SCM Platform means EDI between suppliers and the SCM application. There is no direct EDI connection or direct message flow between a supplier and its customer bypassing the SCM application. Supplier integration of SupplyOn AirSupply data is possible via two message formats: CSV and BoostAero XML V2.10.

In this document the usage of the BoostAero XML format is described. In addition to this technical guide, you can download the XSD (XML Schema Definition) for this message type from the SupplyOn M2M website.

# Purchase Order Response Definition

The purchase order response provides the ability for a supplier to respond to an order previously sent by the customer. The response allows the supplier to inform the customer about the acceptance of the entire purchase order as transmitted, about modifications at the purchase order e.g. quantities, prices and/or dates, or the rejection of the entire purchase order. When accepted by the supplier, it becomes a contract binding on both parties.

# Preliminary Remarks

The following rules apply to all messages if no exception is specified within the respective field description:

|  |  |  |
| --- | --- | --- |
| **Type** | **Explanation** | **Example** |
| Negative numbers | The minus sign must be in front of the digits. | -10 |
| Decimal numbers | The delimiter is a dot | 10.5 |
| Before the delimiter, a maximum of 15digits is allowed | 111112222233333.44 |
| After the delimiter, a maximum of 15 digits is allowed | 99.888887777766666 |
| DATE | Format is CCYY-MM-DD | 2011-05-18 |
| DATETIME | Format is CCYY-MM-DDThh:mm:ss | 2011-05-18T23:59:59 |
| BOOLEAN | Values must be “true” or “false” | true |
| INTEGER | Values must be whole numbers | 5 |
| Currency | The currency is described with three characters. | EUR |

# Composition of XML message table

The table always starts with the parent-element in the first row.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **1** - Maximum repetition of the element |  | **3** - Name of the element |  | **5** - Type of the element |  | **7** - Specifies whether the element is mandatory (M) or conditional (C) |

**➇**

**➅**

**➃**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | | | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | | | | |  |  |  |  |  |
| **➀** |  | | | | |  |  |  |  |  |
| **0..1** |  | <example tag>  **➂** | | | |  | STRING  **➄** | 35 | C  **➆** | Keyword1 |
| **1..\*** |  |  | <next level example tag> | | |  | BOOLEAN | - | M | Keyword2 |
|  | **➁** |  |  |  | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **2** – Steps and coloring indicate the level and help spot the parent-element |  | **4** - Hierarchical level of the element |  | **6** - Maximum length of the value in the element |  | **8** – Keyword that links to the keyword table |

A parent-element may contain data-elements and/or further elements that can be parent-elements. It has to contain at least one of those two types. While a further parent-element has no keyword ➇in the last column of the table, a data-element is recognized through the keyword. This keyword is referencing to the so called “keyword table” where further explanation for the element can be found. Each element has a defined cardinality ➀ represented by the number in the first column.

The cardinalities shown in this guideline are specific to AirSupply. As BoostAero XML standard is not only used for AirSupply, these AirSupply cardinalities could be more restrictive.

|  |  |
| --- | --- |
| **Cardinality** | **Explanation** |
| **1** | Mandatory element, must occur exactly one time |
| **1..\*** | Mandatory element, must occur at least one time, can be repeated |
| **0..1** | Conditional element, not required, must not be repeated |
| **0..\*** | Conditional element, not required, can be repeated |

!

**Attention**:

A cardinality that is different from the original Boost schema is **colored in blue**. The changed cardinality reflects information that is especially used in regards to the AirSupply application. In most cases, the usage in AirSupply is more restrictive than in the Boost schema. Please implement the message based on the cardinality shown in this guideline. If more repetitions are used than allowed by this guideline, the application will automatically overwrite the initial value with the latest value.

Elements that are mandatory ➆ are marked with a red coloring. If one of these fields is not included in the message, it will be rejected with an according error message.

Elements that are conditional ➆ are either requested by the customer or by the AirSupply application.

All values submitted must also respect the field size ➅ and type definitions ➄. If not, the message will also be rejected with an error message.

# Composition of the keyword table

The table provides more information for each element. The following columns are available:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **1** – Keyword referencing to the XML message table |  | **2** – Example value which can also be found in the example message |  | **3** - Description of the content that is expected in the element |  | **4** – XPATH to address each element in the XML structure |

**➃**

**➁**

| **Keyword** | **Example**  **➀** | **Description**  **➂** | **XPATH** |
| --- | --- | --- | --- |
| DocumentType | DEMAND\_FORECAST | Value reflects the Boost Aero document name. | /as:CI\_DespatchAdvice/as:CIDAExchangedDocument/asram:NameText |
| SubmissionDate | 2017-06-28T00:00:00 | Submission date and time of the despatch advice. | /as:CI\_DespatchAdvice/as:CIDAExchangedDocument/asram:SubmissionDateTime |

# BoostAero Attribut Codes Lists

Within the document “BAI\_Codes\_Lists\_V2 10\_20110310.xls”, the code lists for the corresponding elements including possible values are attached. Please note that the codes in the exchanged files can be different. AirAupply transmits/expects the codes as sent by the customer.



# Glossary

|  |  |
| --- | --- |
| **Abbreviation** | **Meaning** |
| ASRAM | **A**ero **S**patial **R**eusable **A**ssembly **M**essages  According to the UN/CEFACT NDR (XML Name and Design Rules), this namespace has to be used for all components. |
| as | **A**ero **S**patial |
| CI | **C**ross **I**ndustry |
| CIO | **C**ross **I**ndustry **O**rdering |
| DA | **D**espatch **A**dvice |
| EDI | **E**lectronic **D**ata **I**nterchange is the structured transmission of data between organizations by electronic means. It is used to transfer electronic documents or business data from one computer system to another computer system, i.e. from one trading partner to another trading partner without human intervention. |
| ERP | **E**nterprise **R**esource **P**lanning integrates internal and external management information across an entire organization. |
| M2M | **M**achine-to-**M**achine refers to technologies that allow systems to communicate with other systems of the same ability. |
| SCM | **S**upply **C**hain **M**anagement is the process of planning, implementing, and controlling the operations of the supply chain as efficiently as possible. |
| PO | **P**urchase **O**rder |
| VAT | **V**alue **A**dded **T**ax |
| XML | E**x**tensible **M**arkup **L**anguage |

1. Structure of BA XML OrderResponse

**as:CI\_OrderResponse** is the root tag and contains the following data segments:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | |  |  |  |  |  |
| **1** | <as:CI\_OrderResponse> | |  |  |  |  |  |
| **1** |  | <as:CIExchangedDocumentContext> |  |  |  |  |  |
| **1** |  | <as:CIOExchangedDocument> |  |  |  |  |  |
| **1** |  | <as:CIORSupplyChainTradeTransaction> |  |  |  |  |  |

# as:CIExchangedDocumentContext

This segment contains message exchange specific data like the message-ID or the creation timestamp.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | | | |  |  |  |  |  |
| **1** | <as:CIExchangedDocumentContext> | | | |  |  |  |  |  |
| **0..1** |  | <asram:SpecifiedTransactionIdentifier> | | |  | STRING | 50 | C | ExternalMessageID |
| **1** |  | <asram:ApplicationSpecifiedCIDocumentContextParameter> | | |  |  |  |  |  |
| **1** |  |  | <asram:SpecifiedCIDocumentVersion> | |  |  |  |  |  |
| **1** |  |  |  | <asram:IssueDateTime> |  | DATETIME | - | M | CreationDate |

| **Keyword** | **Example** | **Description** | **XPATH** |
| --- | --- | --- | --- |
| ExternalMessage ID | 094558.734 | Supplier Payload ID. Value is used in BackControlMessages to determine the supplier’s message. | /CI\_OrderResponse/CIExchangedDocumentContext/SpecifiedTransactionIdentifier |
| CreationDate | 2017-09-27T09:45:58 | Supplier’s ERP creation date and time of the despatch advice message. | /as:CI\_OrderResponse/as:CIExchangedDocumentContext/asram:ApplicationSpecifiedCIDocumentContextParameter/asram:SpecifiedCIDocumentVersion/asram:IssueDateTime |

# as:CIOExchangedDocument

as:CIOExchangedDocument contains data for the transmitted document like document number, last modification date, sender and receiver information and others. This data comes originally from the customer. The rest of the message contains the transmitted purchase order itself.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | | |  |  |  |  |  |
| **1** | <as:CIOExchangedDocument> | | |  |  |  |  |  |
| **1** |  | <asram:IdentificationIdentifier> | |  | STRING | 35 | M | POID |
| **0..1** |  | <asram:IncludedCINote> | |  |  |  |  |  |
| **1** |  |  | <asram:SubjectCode> |  | STRING | 256 | C | HeaderFlexCode |
| **1** |  |  | <asram:SubjectText> |  | STRING | 1024 | C | HeaderFlexTxt |
| **1** |  | <asram:RecipientCITradeParty> | |  |  |  |  |  |
| **1** |  |  | <asram:IdentificationIdentifier> |  | STRING | 70 | M | ReceiverInfo |
| **1** |  | <asram:SenderCITradeParty> | |  |  |  |  |  |
| **1** |  |  | <asram:IdentificationIdentifier> |  | STRING | 70 | M | SenderInfo |

| **Keyword** | **Example** | **Description** | **XPATH** |
| --- | --- | --- | --- |
| POID | 5061108179 | PO number  Unique purchase order number (primary key on header)  Required in PO response and despatch advice. | /as:CI\_OrderResponse/as:CIOExchangedDocument/asram:IdentificationIdentifier |
| HeaderFlexCode | CNCD | The following fixed codes exist:  **CNCD** = Comment on Non Collab Date | /as:CI\_OrderResponse/as:CIOExchangedDocument/asram:IncludedCINote/asram:SubjectCode |
| HeaderFlexTxt | Date fixed. Quantity flex. | The value depends on the HeaderFlexCode. | /as:CI\_OrderResponse/as:CIOExchangedDocument/asram:IncludedCINote/asram:SubjectText |
| ReceiverInfo | SUPPLYON | Indicates the party who receives the XML message. No key, just used for better traceability | /as:CI\_OrderResponse/as:CIOExchangedDocument/asram:RecipientCITradeParty/asram:IdentificationIdentifier |
| SenderInfo | SUPPLIER | Indicates the party who sends the XML message.  No key, used just for better traceability | /as:CI\_OrderResponse/as:CIOExchangedDocument/asram:SenderCITradeParty/asram:IdentificationIdentifier |

# as:CIORSupplyChainTradeTransaction

**as:CIORSupplyChainTradeTransaction** contains child segments which carry global information about business partner data, business contract and invoicing data as well as the order line item itself. These child segments are:

* asram:ApplicableCIPOLSupplyChainTradeLineItem

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | |  |  |  |  |  |
| **1** | <as:CIPOSupplyChainTradeTransaction> | |  |  |  |  |  |
| **1..\*** |  | <asram:IncludedCIORLSupplyChainTradeLineItem> |  |  |  |  |  |

## asram:IncludedCIORLSupplyChainTradeLineItem

**asram:IncludedCIORLSupplyChainTradeLineItem** contains child segments that carry the individual items and delivery schedules. These child segments are:

* asram:IdentificationIdentifier
* asram:AssociatedCIDocumentLineDocument
* asram:SpecifiedCIORLSupplyChainTradeAgreement
* asram:SpecifiedCIORLSupplyChainTradeDelivery

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | |  |  |  |  |  |
| **1..\*** | <asram:IncludedCISDFLSupplyChainTradeLineItem> | |  |  |  |  |  |
| **1** |  | <asram:IdentificationIdentifier> |  | STRING | 6 | M | POLineID |
| **1** |  | <asram:AssociatedCIDocumentLineDocument> |  |  |  |  |  |
| **1** |  | <asram:SpecifiedCITradeProduct> |  |  |  |  |  |
| **1..\*** |  | <asram:SpecifiedCIORLSupplyChainTradeAgreement> |  |  |  |  |  |
| **1** |  | <asram:SpecifiedCIORLSupplyChainTradeDelivery> |  |  |  |  |  |

| **Keyword** | **Example** | **Description** | **XPATH** |
| --- | --- | --- | --- |
| POLineID | 00010 | Position line number of the purchase order | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:IdentificationIdentifier |

## asram:AssociatedCIDocumentLineDocument

**asram:AssociatedCIDocumentLineDocument** contains general information about the line document such as PublicationDate, InitialStatus and LineText.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | |  |  |  |  |  |
| **1** | <asram:AssociatedCIDocumentLineDocument> | |  |  |  |  |  |
| **1..\*** |  | <asram:IssueDateTime> |  | STRING | 1024 | C | SendDate |
| **1..\*** |  | <asram:UUIDLineIdentifier> |  | STRING | 1024 | C | LineDocLink |

| **Keyword** | **Example** | **Description** | **XPATH** |
| --- | --- | --- | --- |
| SendDate | 2017-09-26T09:17:52 | Extracted timestamp | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:AssociatedCIDocumentLineDocument/asram:IssueDateTime |
| LineDocLink | www.supplier.com | Extracted timestamp (Cutomer SAP date). | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:AssociatedCIDocumentLineDocument/asram:UUIDLineIdentifier |

## asram:SpecifiedCITradeProduct

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | | |  |  |  |  |  |
| **1** | <asram:SpecifiedCITradeProduct> | | |  |  |  |  |  |
| **1..\*** |  | <asram:CustomerAssignedIdentificationIdentifier> | |  | STRING | 64 | C | CustMatNumber |
| **0..1** |  | <asram:SellerAssignedIdentificationIdentifier> | |  | STRING | 64 | M | SuppMatNumber |
| **0..\*** |  | <asram:InformationCINote> | |  |  |  |  |  |
| **0..\*** |  |  | <asram:ContentText> |  | STRING | 256 | C | MatInfo + MatInfoCode = “CMD” or “SMD” |
| **0..1** |  |  | <asram:SubjectCode> |  | STRING | 4 | C | MatInfoCode |

| **Keyword** | **Example** | **Description** | **XPATH** |
| --- | --- | --- | --- |
| CustMatNumber | CMN-142205011-1 | Customer Material Number | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCITradeProduct/asram:CustomerAssignedIdentificationIdentifier |
| SuppMatNumber | SM 04158179 | Supplier Material Number  Attention: Supplier Material Number can be administrated by the supplier in the material master data screen in AirSupply. | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCITradeProduct/asram:SellerAssignedIdentificationIdentifier |
| MatInfo | Fuel Resistant Coating | The value and the field definition depend on the LineFlexCode. | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCITradeProduct/asram:InformationCINote/asram:ContentText |
| MatInfoCode | CMD | The following fixed field codes exist:  **CMD** = CustomerMaterialDescription  **SMD** = SupplierMaterialDescription | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCITradeProduct/asram:InformationCINote/asram:SubjectCode |

## asram:SpecifiedCIORLSupplyChainTradeAgreement

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | | | |  |  |  |  |  |
| **1** | <asram:SpecifiedCORLSupplyChainTradeAgreement> | | | |  |  |  |  |  |
| **1..\*** |  | <asram:BuyerCITradeParty> | | |  |  |  |  |  |
| **1** |  |  | <asram:SpecifiedCILegalOrganization> | |  |  |  |  |  |
| **1** |  |  |  | <asram:IdentificationIdentifier> |  | STRING | 5 | M | CustomerGroupCode |
| **1..\*** |  | <asram:SellerCITradeParty> | | |  |  |  |  |  |
| **1** |  |  | <asram:IdentificationIdentifier> | |  | STRING | 15 | M | SupplierNumber |
| **0..\*** |  | <asram:DiscountedProductCITradePrice> | | |  |  |  |  |  |
| **0..1** |  |  | <asram:ChargeAmount> | |  | DECIMAL | 15 | C | Discount |

| **Keyword** | **Example** | **Description** | **XPATH** |
| --- | --- | --- | --- |
| CustomerGroupCode | AIRB | Buyer Corporate Group Code,  e.g. **IAIR** for Airbus SAS, **EUROC** for Airbus Helicopters, **PAG** for Permium Aerotec etc.  Recommendation: to be re-used in PO Response and DA | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeAgreement/asram:BuyerCITradeParty/asram:SpecifiedCILegalOrganization/asram:IdentificationIdentifier |
| SupplierNumber | 807317 | Defines the supplier’s number assigned by the customer. This ID is a key for response messages and identifies the supplier within AirSupply and all corresponding messages. | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeAgreement/asram:SellerCITradeParty/asram:IdentificationIdentifier |
| Discount | 10  currencyID=”EUR” | Discount: Indicates the discount for the price. | Value:  /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeAgreement/asram:DiscountedProductCITradePrice/asram:ChargeAmount  Attribute:  /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeAgreement/asram:DiscountedProductCITradePrice/asram:ChargeAmount/@currencyID |

## asram:SpecifiedCIORLSupplyChainTradeDelivery

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cardinality** | **Segment Name** | | | | | **LVL** | **TYPE** | **LEN** | **M/C** | **Keyword** |
|  |  | | | | |  |  |  |  |  |
| **1** | <asram:SpecifiedCIORLSupplyChainTradeDelivery> | | | | |  |  |  |  |  |
| **1..\*** |  | <asram:OrderingCISupplyChainSchedule> | | | |  |  |  |  |  |
| **1..\*** |  |  | <asram:DescriptionText> | | |  | NUMERIC | 12 | M | UpdateVersion |
| **1** |  |  | <asram:IdentificationIdentifier> | | |  | STRING | 6 | M | POSL |
| **1** |  |  | <asram:AssociatedCIDocumentLineDocument> | | |  |  |  |  |  |
| **1** |  |  |  | <asram:LineStatusCode> | |  | STRING | 35 | M | LineStatusCode |
| **0..\*** |  |  |  | <asram:IncludedCINote> | |  |  |  |  |  |
| **1** |  |  |  |  | <asram:ContentText> | ➑ | STRING | 35 | C | LineDetailFlex + LineDetailCode = “SAN” |
| 256 | LineDetailFlex + LineDetailCode = “CO” |
| DECIMAL | - | LineDetailFlex + LineDetailCode = “CP” or “SP” or “SPC” |
| **1** |  |  |  |  | <asram:SubjectCode> | ➑ | STRING | 5 | C | LineDetailCode |
| **0..\*** |  |  | <asram:PromisedCISupplyChainEvent> | | |  |  |  |  |  |
| **1** |  |  |  | <asram:OccurrenceDateTime> | |  | DATETIME | - | C | PromCollabDate |
| PromAgreedDate |
| **1** |  |  |  | <asram:TypeCode> | |  | STRING | 3 | C | PromCollabCode |
| **0..1** |  |  |  | <asram:UnitQuantity> | |  | DECIMAL | - | C | PromQTY |
| **1..\*** |  | <asram:ShipToCITradeParty> | | | |  |  |  |  |  |
| **1** |  |  | <asram:IdentificationIdentifier> | | |  | STRING | 20 | M | CustPlantCode |

| **Keyword** | **Example** | **Description** | **XPATH** |
| --- | --- | --- | --- |
| UpdateVersion | 2 | Represents the update version of the PO schedule line in AirSupply. The counter will increase for each change on  - Status  - Requested Date  - Requested Quantity  Used for consistency check of OrderConfirmation against current PO schedule line in AirSupply  Attention: to be re-used from PO | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:DescriptionText |
| POSL | 0001 | Schedule line number  Attention: to be re-used from PO | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:IdentificationIdentifier |
| LineStatusCode | ACCEPT | Contains the action code the supplier wants to perform on the PO schedule line.  Possible values are:  - ACCEPT  - MODIFY  - REJECT  In case action code is ACCEPT or REJECT, promised values (quantity and date) are ignored.  If action code can't be interpreted and promised values indicate a change, the system will regard this as action MODIFY. | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:AssociatedCIDocumentLineDocument/asram:LineStatusCode |
| LA  listName=”ReasonCodeForModify” | Contains the reason code for the modification of a PO SL from supplier. | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:AssociatedCIDocumentLineDocument/asram:LineStatusCode/@listName |
| Technical Issue  listName=”ReasonDescription  ForModify” | Contains the reason code short description for the modification of a PO SL from supplier. |
| LineDetailFlex | CO | The value and field type definition depends on the LineDetail Code. | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:AssociatedCIDocumentLineDocument/asram:IncludedCINote/asram:ContentText |
| LineDetailCode | As agreed. | Possible values are:  **CP =** CollabPrice - Defines the price.  Contains the currently collaborated price (displayed as field/column “Price”). This field can be edited by customer and supplier, if collaboration on price is enabled.  **CO =** Comment - Defines the optional comment to be edited by the supplier during collaboration in order to carry especially seller reference information, if editing of this field is enabled.  **SAN** = SupplierAcknowledgmentNumber - Contains the supplier acknowledgment or reference number. Can be edited by supplier only, if enabled.  **SP =** SalesPrice - Defines the price for the end customer (e.g. Airline in case of SDD)  **SPC =** SalesPriceCurrency - Currency for the sales price (end customer). | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:AssociatedCIDocumentLineDocument/asram:IncludedCINote/asram:SubjectCode |
| PromCollabDate | 2017-10-17T09:17:52 | The value for element asram:OccurrenceDateTime depends on the PromCollabCode.  Attention:  PromCollabCode = “**COL”** is mandatory.  Contains the currently collaborated promised date (displayed as field/column “Promised Date”). This field can only be edited by the supplier. | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:PromisedCISupplyChainEvent/asram:OccurrenceDateTime |
| PromCollabCode | COL | Possible values are:  **COL** – CollabPromisedDate | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:PromisedCISupplyChainEvent/asram:TypeCode |
| PromQTY | 1000  unitCode=”PCE” | The value for element asram:OccurrenceDateTime depends on the PromCollabCode.  Possible values are:  PromCollabCode = **COL**:  Contains the currently collaborated promised quantity (displayed as field/column “Promised Quantity”). This field can only be edited by the supplier. | Value:  /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:PromisedCISupplyChainEvent/asram:UnitQuantity  Attribute:  /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:OrderingCISupplyChainSchedule/asram:PromisedCISupplyChainEvent/asram:UnitQuantity/@unitCode |
| CustPlantCode | FAL | Defines the plant code of the customer.  Re-used from PO. | /as:CI\_OrderResponse/as:CIORSupplyChainTradeTransaction/asram:IncludedCIORLSupplyChainTradeLineItem[2]/asram:SpecifiedCIORLSupplyChainTradeDelivery/asram:ShipToCITradeParty/asram:IdentificationIdentifier |

1. Hierarchical View

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LVL** | **Segment Name** | | | | | | | |
|  |  | | | | | | | |
|  | <as:CI\_OrderResponse> | | | | | | | |
|  |  | <as:CIExchangedDocumentContext> | | | | | | |
|  |  |  | <asram:SpecifiedTransactionIdentifier> | | | | | |
|  |  |  | <asram:ApplicationSpecifiedCIDocumentContextParameter> | | | | | |
|  |  |  |  | <asram:SpecifiedCIDocumentVersion> | | | | |
|  |  |  |  |  | <asram:IssueDateTime> | | | |
|  |  | <as:CIOExchangedDocument> | | | | | | |
|  |  |  | <asram:IdentificationIdentifier> | | | | | |
|  |  |  | <asram:IncludedCINote> | | | | | |
|  |  |  |  | <asram:SubjectCode> | | | | |
|  |  |  |  | <asram:SubjectText> | | | | |
|  |  |  | <asram:RecipientCITradeParty> | | | | | |
|  |  |  |  | <asram:IdentificationIdentifier> | | | | |
|  |  |  | <asram:SenderCITradeParty> | | | | | |
|  |  |  |  | <asram:IdentificationIdentifier> | | | | |
|  |  | <as:CIORSupplyChainTradeTransaction> | | | | | | |
|  |  |  | <asram:IncludedCIORLSupplyChainTradeLineItem> | | | | | |
|  |  |  |  | <asram:IdentificationIdentifier> | | | | |
|  |  |  |  | <asram:AssociatedCIDocumentLineDocument> | | | | |
|  |  |  |  |  | <asram:IssieDateTime> | | | |
|  |  |  |  |  | <asram:UUIDLineIdentifier> | | | |
|  |  |  |  | <asram:SpecifiedCITradeProduct> | | | | |
|  |  |  |  |  | <asram:CustomerAssignedIdentificationIdentifier> | | | |
|  |  |  |  |  | <asram:SellerAssignedIdentificationIdentifier> | | | |
|  |  |  |  |  | <asram:InformationCINote> | | | |
|  |  |  |  |  |  | <asram:ContentText> | | |
|  |  |  |  |  |  | <asram:SubjectCode> | | |
|  |  |  |  | <asram:SpecifiedCIORLSupplyChainTradeAgreement> | | | | |
|  |  |  |  |  | <asram:BuyerCITradeParty> | | | |
|  |  |  |  |  |  | <asram:SpecifiedCILegalOrganization> | | |
|  |  |  |  |  |  |  | <asram:IdentificationIdentifier> | |
|  |  |  |  |  | <asram:SellerCITradeParty> | | | |
|  |  |  |  |  |  | <asram:IdentificationIdentifier> | | |
|  |  |  |  |  | <asram:DiscountedProductCITradePrice> | | | |
|  |  |  |  |  |  | <asram:ChargeAmount> | | |
|  |  |  |  | <asram:SpecifiedCIORLSupplyChainTradeDelivery> | | | | |
|  |  |  |  |  | <asram:OrderingCISupplyChainSchedule> | | | |
|  |  |  |  |  |  | <asram:DescriptionText> | | |
|  |  |  |  |  |  | <asram:IdentificationIdentifier> | | |
|  |  |  |  |  |  | <asram:AssociatedCIDocumentLineDocument> | | |
|  |  |  |  |  |  |  | <asram:LineStatusCode> | |
|  |  |  |  |  |  |  | <asram:IncludedCINote> | |
| ➑ |  |  |  |  |  |  |  | <asram:ContentText> | |
| ➑ |  |  |  |  |  |  |  | <asram:SubjectCode> | |
|  |  |  |  |  |  | <asram:PromisedCISupplyChainEvent> | | |
|  |  |  |  |  |  |  | <asram:OccurrenceDateTime> | |
|  |  |  |  |  |  |  | <asram:TypeCode> | |
|  |  |  |  |  |  |  | <asram:UnitQuantity unitCode="PCE"> | |
|  |  |  |  |  | <asram:ShipToCITradeParty> | | | |
|  |  |  |  |  |  | <asram:IdentificationIdentifier> | | |

1. Example Message

