

**TECCOM SUPPLIER GUIDE  
FOR CONVERTING  
TXML  
ORDER RESPONSE  
TO CAP**

**Draft VERSION 1.0**

**30.05.2007**

## Table of Contents

<b>1. ORDRSP Backorder / Delivery Scheduling with TecCom.....</b>	<b>3</b>
<b>2. Quantity Differences – Deviation Reason .....</b>	<b>12</b>
<b>3. ORDRSP Replacement Part / Material Substitution.....</b>	<b>13</b>
<b>4. ORDRSP PriceCategory / PriceType .....</b>	<b>14</b>

# 1. ORDRSP Backorder / Delivery Scheduling with TecCom

To handle the delivery scheduling with TecCom the ORDRSP message has to be structured in a specific way for each of the cases a delivery schedule can be done.

There can be distinguished between 4 cases of delivery scheduling:

1. The buyer ordered a quantity of 30 pieces.  
The supplier has a available quantity of 30 pieces and can deliver it all for a specific delivery date. There will be no backorder remaining.  
The delivery date can be set in the header section or specific for each position the same date.

Ordered Quantity:	30
Available Quantity:	30
Backorder:	none
Delivery date:	1.12.2005

Or None, cause in header

2. The buyer ordered a quantity of 30 pieces.  
The supplier has a available quantity of 25 pieces to deliver it for a specific date.  
The rest of 5 pieces can be delivered but without giving any delivery date.  
The delivery date can only be set on position level.

Ordered Quantity:	30
Available Quantity:	25
Backorder:	5 without delivery date
Delivery date:	1.12.2005

3. The buyer ordered a quantity of 30 pieces.  
The supplier has a available quantity of 25 pieces for a specific delivery date and the rest of 5 pieces for a specific following second delivery date (and so on for following deliveries).  
The delivery date can only be set on position level.

Ordered Quantity:	30
Available Quantity:	25
Backorder:	5 with delivery date 10.12.2005
Delivery date:	1.12.2005

4. The buyer ordered a quantity of 30 pieces.  
The supplier has only a available quantity of 25 pieces without any rest and without any delivery date for the rest.  
The delivery date can only be set on position level.

Ordered Quantity:	30
Available Quantity:	25
Backorder:	0 without delivery date
Delivery date:	1.12.2005

The following section shows a TXML sample structure for each case.

## Case 1

### ORDRSP for complete delivery

```
<OrdRsp>
  <Document Type="OrdRsp" Version="1.0"/>
  <OrdRspHeader>
    <OrdRspId>0011338112</OrdRspId>
    <OrdRspIssueDate>
      <Date>20051012</Date>
    </OrdRspIssueDate>
    <OrderRef>
      <SellerOrderNumber>11338112</SellerOrderNumber>
      <BuyerOrderNumber>Order Reference</BuyerOrderNumber>
      <Date>00000000</Date>
    </OrderRef>
    <MessageStatus Value="Modified"/> ← because "requested delivery date" can not be met
    <SellerParty>
      <PartyNumber>1234567890123</PartyNumber>
      <Address>
        <Name1>Name of Supplier</Name1>
        <Street1>Street of Supplier</Street1>
        <PostalCode>ZIP-SU</PostalCode>
        <City>City of Supplier</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </SellerParty>
    <BuyerParty>
      <PartyNumber>Buyer number</PartyNumber>
      <Address>
        <Name1>Name of Buyer</Name1>
        <Street1>Street of Buyer</Street1>
        <PostalCode>ZIP-BY</PostalCode>
        <City>City of Buyer</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </BuyerParty>
    <DeliveryParty>
      <PartyNumber>Delivery number</PartyNumber>
      <Address>
        <Name1>Name of delivery</Name1>
        <Street1>Street of delivery</Street1>
        <PostalCode>ZIP-DP</PostalCode>
        <City>City of delivery</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </DeliveryParty>
    <Currency>EUR</Currency>
  </OrdRspHeader>
  <OrdRspItem>
    <PositionNumber>10</PositionNumber>
    <RequestedQuantity>
      <Quantity UoM="PCE">30</Quantity>
    </RequestedQuantity>
    <ConfirmedQuantity>
      <Quantity UoM="PCE">30</Quantity>
    </ConfirmedQuantity>
    <ProductId>
      <MakerCode>*</MakerCode>
      <ProductNumber>Product number10</ProductNumber>
    </ProductId>
    <ProductDescription>
      <ProductName1>Product description10</ProductName1>
    </ProductDescription>
    <RequestedDeliveryDate>
      <Date>20051016</Date> ← delivery date as requested by the customer
    </RequestedDeliveryDate>
  </OrdRspItem>
</OrdRsp>
```

```
<ProductPrice>
  <PriceCategory>XXX</PriceCategory>
  <Price>10.45</Price>
  <DiscountGroup>NetUnitPrice</DiscountGroup>
</ProductPrice>
<DeliveryInfo>
  <Quantity UoM="PCE">30</Quantity>
  <Date>20051201</Date>
</DeliveryInfo>
<ItemInstruction Value="ConfirmedWithChanges"/>
</OrdRspItem>
</OrdRsp>
```

XXX:= "InfoPrice" or "NetPrice"

ordered quantity  
promised delivery date

## Case 2

### ORDRSP for backorder without delivery date

```
<OrdRsp>
  <Document Type="OrdRsp" Version="1.0"/>
  <OrdRspHeader>
    <OrdRspId>0200890981</OrdRspId>
    <OrdRspIssueDate>
      <Date>20051024</Date>
    </OrdRspIssueDate>
    <OrderRef>
      <SellerOrderNumber>0200890981</SellerOrderNumber>
      <BuyerOrderNumber>01WZ014761</BuyerOrderNumber>
      <Date>20051024</Date>
    </OrderRef>
    <MessageStatus Value="Modified"/>
    <SellerParty>
      <PartyNumber>Supplier number</PartyNumber>
      <Address>
        <Name1>Street of Supplier</Name1>
        <Street1>City of Supplier</Street1>
        <PostalCode/>
        <City/>
        <CountryCode>DE</CountryCode>
      </Address>
    </SellerParty>
    <BuyerParty>
      <PartyNumber>Buyer number</PartyNumber>
      <Address>
        <Name1>Name of Buyer</Name1>
        <Street1>Street of Buyer</Street1>
        <PostalCode>ZIP-BY</PostalCode>
        <City>City of Buyer</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </BuyerParty>
    <DeliveryParty>
      <PartyNumber>Delivery number</PartyNumber>
      <Address>
        <Name1>Name of Delivery</Name1>
        <Street1>Street of Delivery</Street1>
        <PostalCode>ZIP-DP</PostalCode>
        <City>City of Delivery</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </DeliveryParty>
    <InvoiceParty>
      <PartyNumber>Invoicee number</PartyNumber>
      <Address>
        <Name1>Name of Invoicee</Name1>
        <Street1>Street of Invoicee</Street1>
        <PostalCode>ZIP-IV</PostalCode>
        <City>City of Invoicee</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </InvoiceParty>
    <Currency>EUR</Currency>
  </OrdRspHeader>
  <OrdRspItem>
    <PositionNumber>1</PositionNumber>
    <RequestedQuantity>
      <Quantity UoM="PCE">30</Quantity>
    </RequestedQuantity>
    <ConfirmedQuantity>
      <Quantity UoM="PCE">30</Quantity>
    </ConfirmedQuantity>
    <ProductId>
      <MakerCode>*</MakerCode>
      <ProductNumber>Product number10</ProductNumber>
    </ProductId>
  </OrdRspItem>
</OrdRsp>
```

<ProductDescription>	
<ProductName1>	
</ProductName1>	
</ProductDescription>	
<RequestedDeliveryDate>	
<Date>20051130</Date>	delivery date as requested by the customer
</RequestedDeliveryDate>	
<ProductPrice>	
<PriceCategory>XXX</PriceCategory>	XXX:= "InfoPrice" or "NetPrice"
<Price>1.64</Price>	
</ProductPrice>	
<DeliveryInfo>	
<Quantity UoM="PCE">25</Quantity>	ordered quantity; first delivery quantity
<Date>20051201</Date>	promised delivery date of first delivery
</DeliveryInfo>	
<ItemInstruction Value="ConfirmedWithChanges"/>	
<QtyVariance>	
<Quantity UoM="PCE">-5 or 5</Quantity>	
<DeviationReason>ShipmentPartialBackOrder</DeviationReason>	backorder quantity without delivery date; shipment partial ( back order to follow )
</QtyVariance>	
<OrderItemRef>	
<SellerOrderItemRef/>	
<BuyerOrderItemRef>000001</BuyerOrderItemRef>	
</OrderItemRef>	
</OrdRspItem>	
</OrdRsp>	

### Case 3

#### ORDRSP for backorder with delivery date

```
<OrdRsp>
  <Document Type="OrdRsp" Version="1.0"/>
  <OrdRspHeader>
    <OrdRspId>0200890981</OrdRspId>
    <OrdRspIssueDate>
      <Date>20051024</Date>
    </OrdRspIssueDate>
    <OrderRef>
      <SellerOrderNumber>0200890981</SellerOrderNumber>
      <BuyerOrderNumber>01WZ014761</BuyerOrderNumber>
      <Date>20051024</Date>
    </OrderRef>
    <MessageStatus Value="Modified"/>
    <SellerParty>
      <PartyNumber>Supplier number</PartyNumber>
      <Address>
        <Name1>Street of Supplier</Name1>
        <Street1/>
        <PostalCode>DE</PostalCode>
        <City>ZIP-SU</City>
        <CountryCode/>
      </Address>
    </SellerParty>
    <BuyerParty>
      <PartyNumber>Buyer number</PartyNumber>
      <Address>
        <Name1>Name of Buyer</Name1>
        <Street1>Street of Buyer</Street1>
        <PostalCode>ZIP-BY</PostalCode>
        <City>City of Buyer</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </BuyerParty>
    <DeliveryParty>
      <PartyNumber>Delivery number</PartyNumber>
      <Address>
        <Name1>Name of Delivery</Name1>
        <Street1>Street of Delivery</Street1>
        <PostalCode>ZIP-DP</PostalCode>
        <City>City of Delivery</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </DeliveryParty>
    <InvoiceParty>
      <PartyNumber>Invoicee number</PartyNumber>
      <Address>
        <Name1>Name of Invoicee</Name1>
        <Street1>Street of Invoicee</Street1>
        <PostalCode>ZIP-IV</PostalCode>
        <City>City of Invoicee</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </InvoiceParty>
    <Currency>EUR</Currency>
  </OrdRspHeader>
  <OrdRspItem>
    <PositionNumber>1</PositionNumber>
    <RequestedQuantity>
      <Quantity UoM="PCE">30</Quantity>
    </RequestedQuantity>
    <ConfirmedQuantity>
      <Quantity UoM="PCE">30</Quantity>
    </ConfirmedQuantity>
    <ProductId>
      <MakerCode>*</MakerCode>
      <ProductNumber>Product number1</ProductNumber>
    </ProductId>
  </OrdRspItem>
</OrdRsp>
```

```

<ProductDescription>
  <ProductName1>
  </ProductName1>
</ProductDescription>
<RequestedDeliveryDate>
  <Date>20051130</Date>
  delivery date as requested by the customer
</RequestedDeliveryDate>
<ProductPrice>
  <PriceCategory>XXX</PriceCategory>
  XXX:= "InfoPrice" or "NetPrice"
  <Price>1.64</Price>
</ProductPrice>
<DeliveryInfo>
  <Quantity UoM="PCE">25</Quantity>
  ordered quantity; first delivery quantity
  <Date>20051201</Date>
  promised delivery date of first delivery
</DeliveryInfo>
<DeliveryInfo>
  <Quantity UoM="PCE">5</Quantity>
  promised delivery date of second
  <Date>20051210</Date>
  delivery
</DeliveryInfo>
<ItemInstruction Value="ConfirmedWithChanges"/>
<QtyVariance>
  <Quantity UoM="PCE">0</Quantity>
  shipment partial with no quantity
  <DeviationReason>ShipmentPartialBackOrder</DeviationReason>
  remaining
</QtyVariance>
<OrderItemRef>
  <SellerOrderItemRef/>
  <BuyerOrderItemRef>000001</BuyerOrderItemRef>
</OrderItemRef>
</OrdRspItem>
</OrdRsp>

```

## Case 4

### ORDRSP for backorder without delivery and delivery date

```
<OrdRsp>
  <Document Type="OrdRsp" Version="1.0"/>
  <OrdRspHeader>
    <OrdRspId>0200890981</OrdRspId>
    <OrdRspIssueDate>
      <Date>20051024</Date>
    </OrdRspIssueDate>
    <OrderRef>
      <SellerOrderNumber>0200890981</SellerOrderNumber>
      <BuyerOrderNumber>01WZ014761</BuyerOrderNumber>
      <Date>20051024</Date>
    </OrderRef>
    <MessageStatus Value="Modified"/>
    <SellerParty>
      <PartyNumber>Supplier number</PartyNumber>
      <Address>
        <Name1>Street of Supplier</Name1>
        <Street1>City of Supplier</Street1>
        <PostalCode/>
        <City/>
        <CountryCode>DE</CountryCode>
      </Address>
    </SellerParty>
    <BuyerParty>
      <PartyNumber>Buyer number</PartyNumber>
      <Address>
        <Name1>Name of Buyer</Name1>
        <Street1>Street of Buyer</Street1>
        <PostalCode>ZIP-BY</PostalCode>
        <City>City of Buyer</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </BuyerParty>
    <DeliveryParty>
      <PartyNumber>Delivery number</PartyNumber>
      <Address>
        <Name1>Name of Delivery</Name1>
        <Street1>Street of Delivery</Street1>
        <PostalCode>ZIP-DP</PostalCode>
        <City>City of Delivery</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </DeliveryParty>
    <InvoiceParty>
      <PartyNumber>Invoicee number</PartyNumber>
      <Address>
        <Name1>Name of Invoicee</Name1>
        <Street1>Street of Invoicee</Street1>
        <PostalCode>ZIP-IV</PostalCode>
        <City>City of Invoicee</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </InvoiceParty>
    <Currency>EUR</Currency>
  </OrdRspHeader>
  <OrdRspItem>
    <PositionNumber>1</PositionNumber>
    <RequestedQuantity>
      <Quantity UoM="PCE">30</Quantity>
    </RequestedQuantity>
    <ConfirmedQuantity>
      <Quantity UoM="PCE">30</Quantity>
    </ConfirmedQuantity>
    <ProductId>
      <MakerCode>*</MakerCode>
      <ProductNumber>Product number1</ProductNumber>
    </ProductId>
  </OrdRspItem>
</OrdRsp>
```

```

<ProductDescription>
  <ProductName1>
  </ProductName1>
</ProductDescription>
<RequestedDeliveryDate>
  <Date>20051130</Date>
</RequestedDeliveryDate>
<ProductPrice>
  <PriceCategory>XXX</PriceCategory>
  <Price>1.64</Price>
</ProductPrice>
<DeliveryInfo>
  <Quantity UoM="PCE">25</Quantity>
  <Date>20051201</Date>
</DeliveryInfo>
<ItemInstruction Value="ConfirmedWithChanges"/>
<QtyVariance>
  <Quantity UoM="PCE">-5 or 5</Quantity>
  <DeviationReason>ShipmentPartialConsideredComplete</DeviationReason>
</QtyVariance>
<OrderItemRef>
  <SellerOrderItemRef/>
  <BuyerOrderItemRef>000001</BuyerOrderItemRef>
</OrderItemRef>
</OrdRspItem>
</OrdRsp>

```

delivery date as requested by the customer

XXX:= "InfoPrice" or "NetPrice"

ordered quantity; first delivery quantity  
promised delivery date of first delivery

backorder quantity without delivery  
date and without any delivery of the rest

## 2. Quantity Differences – Deviation Reason

### CAP

QtyDiff

**Explanation:** This element contains the difference between the ordered and the delivered quantity.

Example:

```
<QtyDiff reason="AS">2</QtyDiff>
```

(AS = article temporarily unavailable)

### TXML

Following strings should be used in TXML DeviationReason or ModificationReason tags in order to be mapped to the corresponding CAP QtyDiff reason:

```
<DeviationReason>ItemNoLongerProduced</DeviationReason>
```

→ QtyDiff reason = "AB"

```
<DeviationReason>ShipmentPartialBackOrder</DeviationReason>
```

→ QtyDiff reason = "BP"

```
<DeviationReason>ShipmentPartialConsideredComplete</DeviationReason>
```

→ QtyDiff reason = "CP"

```
<DeviationReason>ShipmentCompletedWithSubstitution</DeviationReason>
```

→ QtyDiff reason = "CS"

```
<DeviationReason>ItemCancelled</DeviationReason>
```

→ QtyDiff reason = "IC"

```
<DeviationReason>ItemRationed</DeviationReason>
```

→ QtyDiff reason = "RA"

```
<ModificationReason>ArticleOutOfAssortment</ModificationReason>
```

→ QtyDiff reason = "AS"

```
<ModificationReason>ArticleCodeUnknown</ModificationReason>
```

→ QtyDiff reason = "AUE"

```
<ModificationReason> ProductIdentificationChanged</ModificationReason>
```

→ QtyDiff reason = "PI"

```
<ModificationReason> AdditionalQuantity</ModificationReason>
```

→ QtyDiff reason = "QT"

### 3. ORDRSP Replacement Part / Material Substitution

#### TXML

To provide replacement part in TXML there has to be a certain handling within the OrdRspHeader (MessageStatus) and OrdRspItem with the ItemInstruction, ProductId and FreeText.

The OrdRspHeader/MessageStatus segment has to be set to value “modified”.

The OrdRspItem/ItemInstruction segment has to be set to value “ConfirmedWithChanges”.

The OrdRspItem/ProductId segment has to be filled with the product number of the ordered product.

The OrdRspItem/FreeText/Caption has to be filled with the product number of the replacement product and the OrdRspItem/FreeText/Text can be filled with the description of the replacement product.

OrderResponse  
Replacement part

#### TXML

```
<OrdRspItem>
  <PositionNumber>10</PositionNumber>
  <RequestedQuantity>
    <Quantity UoM="PCE">10</Quantity>
  </RequestedQuantity>
  <ConfirmedQuantity>
    <Quantity UoM="PCE">10</Quantity>
  </ConfirmedQuantity>
  <ProductId>
    <MakerCode>*</MakerCode>
    <ProductNumber>Replaced Product number10</ProductNumber> Product number and/or
    <Ean>Replaced Product number10EN</Ean> EAN number of ordered part
  </ProductId>
  <ProductDescription>
    <ProductName1>Product description10</ProductName1> Product description of ordered part
  </ProductDescription>
  <RequestedDeliveryDate>
    <Date>20051016</Date>
  </RequestedDeliveryDate>
  <ProductPrice> Product price of ordered part
    <PriceCategory>XXX</PriceCategory> XXX:= "InfoPrice" or "NetPrice"
    <Price>10.45</Price>
  </ProductPrice>
  <DeliveryInfo>
    <Quantity UoM="PCE">10</Quantity>
    <Date>20051017</Date>
  </DeliveryInfo>
  <ItemInstruction Value="ConfirmedWithChanges"/>
  <FreeText Caption="Substitute:Product number10">Ordered Product Description10</FreeText>
  Caption: Product number of replacement part; optional: FreeText – Product description of replacement part
</OrdRspItem>
<OrdRspItem>
```

## 4. ORDRSP PriceCategory / PriceType

Specification of price type is mandatory in CAP product price information.

TXML price category “InfoPrice” is mapped to CAP price type “AP” (Advice price)

TXML price category “NetPrice” is mapped to CAP price type “NTP” (Net unit price)

