

TECCOM TRADER GUIDE
FOR ASYNCHRONOUS TXML STOCK ORDER PROCESS

VERSION 1.0

24.03.2006

This document describes how a trader can exchange TXML stock orders with suppliers that are connected to the TecCom platform using a TecConnect solution. In this document, these suppliers are called TC1 suppliers and the platform is called TC1 platform.

TC1 platform supports two types of order processes: express order and stock order. The main difference between these two order types is that the orderer is able to receive an immediate response with information on availability, prices etc. For stock orders, the response documents are sent back in batch processes, the starting times of which are dependent on the individual suppliers TecCom implementations.

TecCom stock order process is asynchronous, meaning that the response time to an order can not be defined. In some cases, a supplier may not send an order response at all.

The asynchronous stock order process can be accessed with any of the supported communication methods: FTP, OFTP, X400, ISDN and TecCom Open Messaging (web service).

TXML order (version 4.1) and order response (version 1.0) documents can be used as message interfaces when communicating with the TC1 stock order process.

From TecCom's point of view the minimum requirement for such an order interface document is, that the value of attribute "DispatchMode" in element "OrderProcessing" must be set to "StockOrder".

The purpose of this document is to describe a TXML stock order document, which is compliant with the requirements and limitations of the TC1 platform's stock order process.

When receiving order responses, the orderer must be able to handle the full width of TXML order response (version 1.0) message. Since the suppliers create order response messages themselves, their contents may vary considerably. However, TecCom has created some rules, that the suppliers should implement in order to limit the variations in the use of the messages. E.g. there are rules with respect to back order and delivery scheduling, as well as with respect to the different order response status codes. Please refer to the end of this document.

Please refer to separate documentation about different communication methods, TecCom Open Messaging framework and TXML message descriptions.

Table 1 describes the maximum data contents of a TXML stock order message that can be transmitted via the TC1 platform to the supplier. Please note, that some suppliers may not utilize all the data that a trader is able to provide (e.g. prices).

The first column of the table depicts the maximum TXML order message, that can be processed by TC1 platform.

The second column "TXML Order" breaks the message into its constituents: elements and attributes. Attributes start with a "@" character.

The third column "TXML multiplicity" lists the syntactical rules for elements and attributes in TXML.

The following rules apply for elements:

- 1 – The element can be used only once
- 0..1 – The element is optional, but it can be used only once
- 0..n – The element is optional and it can be used several times
- 1..n – The element is mandatory and it can be used several times

The following rules apply for attributes:

- R – The use of the attribute is required, if the element, within which the attribute is used, exists.
- O – The use of the attribute is optional, if the element, within which the attribute is used, exists.

The fourth column “TecCom rules” describes the requirements and limitations of the TC1 platform towards the TXML stock order message.

The fifth column defines the maximum length of different data contents on a TXML stock order. For numerical data, the maximum amount of digits is given.

Important concepts on TC1 platform:

CompleteDelivery (on header level) = YES = The orderer wants to receive the combination of ordered products within one delivery. For TXML stock orders, CompleteDelivery is set to “NO” as a default, implying that it is not mandatory to deliver all positions of one order within one delivery.

BackOrder (on header level) = YES = The orderer allows deliveries, where a part of the ordered amount per one position is delivered later

than the requested date. BackOrder is applicable only with TXML stock orders. BackOrder is set to “YES” as a default on header level overwriting any BackOrder information on position level.

AlternativePart (on position level) = YES = The supplier is allowed to deliver an alternative part.

For TXML stock orders, AlternativePart is set to “YES” as a default.

PartialDelivery (on position level) = YES = The supplier is allowed to deliver the requested position partially. Back order delivery is not expected by the orderer.

For TXML stock orders, PartialDelivery is set to “YES” as a default.

TABLE 1: Maximum data contents of a TXML stock order

MAXIMUM DATA CONTENTS OF A TXML STOCK ORDER TO TC1 PLATFORM	TXML ELEMENTS AND ATTRIBUTES	TXML MULTIPLICITY	TECCOM RULES	MAX LENGTH
<Order>	Order	1		
<Document Version="4.1" ControllingInstance="TecCom" Type="Order" />	Document	1		
	@Version	R	Always use "4.1"	
	@ControllingInstance	R	Always use "TecCom"	
	@Type	R	Always use "Order"	
<OrderHeader OrderType="Order" OrderFunction="Original">	OrderHeader	1		
	@OrderType	R	Always use "Order"	
	@OrderFunction	O	Always use "Original". TecCom does not support duplicate Orders.	
<OrderIssueDate>	OrderIssueDate	1		
<Date Format="YYYYMMDD" Qualifier="At">20060316</Date>	Date	1		
	@Format	O	Always use "YYYYMMDD"	
	@Qualifier	O	Always use "At"	
</OrderIssueDate>				
<BuyerOrderNumber>450157</BuyerOrderNumber>	BuyerOrderNumber	0..1		20
<OfferReference Qualifier="QuotationNumber or PromotionalDealNumber">	OfferReference	0..n		
	@Qualifier	R	Use "QuotationNumber" or "PromotionalDealNumber". "ContractNumber" and "ProductInquiryNumber" are not supported by TC1.	QuoNr=10 PrDNr=20
<Number>89812234</Number>	Number	1		
<Date Format="YYYYMMDD" Qualifier="At">20060312</Date>	Date	1		8
	@Format	O	Always use "YYYYMMDD"	

	@Qualifier	O	Always use "At"	
</OfferReference>				
<CustomerInfo Name="Teemu Jokimäki"/>	CustomerInfo	0..1	Must be used for TC1 even though not mandatory for TXML.	
	@Name	R	Name must be provided for TC1.	30
	@Telephone	O	Not supported by TC1	
<SellerParty>	SellerParty	1		
<PartyNumber Qualifier="ILN or SupplierNumber or BuyerNumber">31221</PartyNumber>	PartyNumber	1		13
	@Qualifier	R	Use "ILN", "SupplierNumber" or "BuyerNumber". Other values are not supported by TC1.	
<Address>	Address	0..1		
<Name1>TecCom GmbH</Name1>	Name1	1		35
	Name2	0..1	Not supported by TC1	
<Street1>Edisonstrasse 4</Street1>	Street1	1		35
	Street2	0..1	Not supported by TC1	
<PostalCode>89123</PostalCode>	PostalCode	1		10
<City>Unterschleissheim</City>	City	1		35
<CountryCode>DE</CountryCode>	CountryCode	1		2
	CountryName	0..1	Not supported by TC1	
</Address>				
</SellerParty>				
<BuyerParty>	BuyerParty	1		
<PartyNumber Qualifier="ILN or SupplierNumber or BuyerNumber">41511</PartyNumber>	PartyNumber	1		13
	@Qualifier	R	Use "ILN", "SupplierNumber" of "BuyerNumber". Other values are not supported by TC1.	

<Address>	Address	0..1		
<Name1>Testcompany</Name1>	Name1	1		35
	Name2	0..1	Not supported by TC1	
<Street1>Test Street 2</Street1>	Street1	1		35
	Street2	0..1	Not supported by TC1	
<PostalCode>84212</PostalCode>	PostalCode	1		10
<City>Testcity</City>	City	1		35
<CountryCode>DE</CountryCode>	CountryCode	1		2
	CountryName	0..1	Not supported by TC1	
</Address>				
</BuyerParty>				
<DeliveryParty>	DeliveryParty	0..1		
<PartyNumber Qualifier="ILN or SupplierNumber or BuyerNumber">54281</PartyNumber>	PartyNumber	0..1		13
	@Qualifier	R	Use "ILN", "SupplierNumber" of "BuyerNumber". Other values are not supported by TC1.	
<Address>	Address	0..1		
<Name1>Testcompany</Name1>	Name1	1		35
	Name2	0..1	Not supported by TC1	
<Street1>Test Street 2</Street1>	Street1	1		35
	Street2	0..1	Not supported by TC1	
<PostalCode>84212</PostalCode>	PostalCode	1		10
<City>Testcity</City>	City	1		35
<CountryCode>DE</CountryCode>	CountryCode	1		2
	CountryName	0..1	Not supported by TC1	
</Address>				

</DeliveryParty>				
	InvoiceParty	0..1	InvoiceParty is not supported by TC1	
<RequestedDeliveryDate>	RequestedDeliveryDate	0..1		
<Date Format="YYYYMMDD" Qualifier="At">20060317</Date>	Date	1		8
	@Format	O	Always use "YYYYMMDD"	
	@Qualifier	O	Always use "At"	
</RequestedDeliveryDate>				
<Currency>EUR</Currency>	Currency	1		3
<OrderProcessing CompleteDelivery="No" BackOrder="No" DispatchMode="Express" />	OrderProcessing	1	Always use the following default attribute values with express orders.	
	@CompleteDelivery	O	Use "No". Supplier is allowed to deliver also orders where all lines are not delivered in one delivery.	
	@BackOrder	O	Use "Yes". Supplier is allowed to deliver missing quantities at a later date.	
	@DispatchMode	R	Always use "StockOrder" for the asynchronous stock order process.	
<FreeParam ParamId="PromotionCode or ArrivalNotice or Incoterms1 or Incoterms2 or StorageLocation or CarrierIdILN or Spedition or FreeText or ExpressDivCond">	FreeParam	0..n	Several kinds of free parameters can be transmitted. It depends on the supplier, if these are processed or not.	
	@ParamId=...	R		
<Parameter>AXA</Parameter>	Parameter	1		20
</FreeParam>				
<FreeText Caption="SpecialText">Anykind of infotext</FreeText>	FreeText	0..n	Several kind of free text fields can be transmitted. It depends on the supplier, if these are processed or not.	no limitations
	@Caption	R	Any caption text is possible.	
</OrderHeader>				
<OrderItem>	OrderItem	1..n		
<PositionNumber>1</PositionNumber>	PositionNumber	1		
<RequestedQuantity>	RequestedQuantity	1		

<Quantity UoM="PCE">3</Quantity>	Quantity	1	Use a decimal point and a max. of 6 decimals.	
	@UoM	O	Use according to UN/ECE 20	3
</RequestedQuantity>				
<ProductId>	ProductId	1	At least one ProductId must be available for each line in TC1. It can be any of the three possible ones: ProductNumber, Ean or BuyerProductNumber.	
<MakerCode>XYZ</MakerCode>	MakerCode	0..1	If maker code is not given, an asterix "*" is set automatically by TC1.	6
<ProductNumber>33112-1</ProductNumber>	ProductNumber	0..1	Please verify from your supplier, which productid type should be used for ordering.	30
<Ean>9834711112</Ean>	Ean	0..1		14
<BuyerProductNumber>831133</BuyerProductNumber>	BuyerProductNumber	0..1		30
</ProductId>				
<ProductDescription>	ProductDescription	1		
<ProductName Language="EN">Test Product XYZ</ProductName>	ProductName	1..n		40
	@language	O	Use a two character ISO country code.	2
</ProductDescription>				
<RequestedDeliveryDate>		0..1		
<Date Format="YYYYMMDD" Qualifier="At">20060317</Date>	Date	1		8
	@Format	O	Always use "YYYYMMDD"	
	@Qualifier	O	Always use "At"	
</RequestedDeliveryDate>				
<ProductPrice>	ProductPrice	0..n		
<PriceCategory>NetPrice or ListPrice or SpecialOffer or NoPrice</PriceCategory>	PriceCategory	0..1	Any price type can be used, but only one price type per item is accepted by TC1. Please note, that most suppliers do not process prices given by orderer.	

<Price>15.50</Price>	Price	1	A maximum of 15 characters. Decimal point with a maximum of 4 digits.	15, 4 digits
<DiscountGroup>A</DiscountGroup>	DiscountGroup	0..1		6
<PriceUnit>	PriceUnit	0..1		
<Quantity UoM="PCE">50</Quantity>	Quantity	1	Use a decimal point and a max. of 6 decimals.	
	@UoM	O	Use according to UN/ECE 20	
</PriceUnit>				
<Currency>EUR</Currency>	Currency	0..1		
</ProductPrice>				
<ItemProcessing AlternativePart="Yes" BackOrder="No" PartialDelivery="Yes" />	ItemProcessing	1		
	@AlternativePart=Yes	O	Always use "Yes". The supplier is allowed to deliver an alternative part in TC1.	
	@BackOrder=No	O	Use "No". Supplier is not allowed to deliver missing quantities at a later date with express orders.	
	@PartialDelivery=Yes	O	The supplier is allowed to deliver the requested position partially. Back order delivery is not expected by the orderer.	
<FreeParam ParamId="PromotionCode or ArrivalNotice or Incoterms1 or Incoterms2 or StorageLocation or CarrierIdILN or Spedition or FreeText or ExpressDlvCond">	FreeParam	0..n	Several kinds of free parameters can be transmitted. It depends on the supplier, if these are processed or not.	
	@ParamId=...	R		
<Parameter>AXA</Parameter>	Parameter	1		20
</FreeParam>				
<FreeText Caption="SpecialText">Anykind of infotext</FreeText>	FreeText	0..n	Several kind of free text fields can be transmitted. It depends on the supplier, if these are processed or not.	no limitations
	@Caption	R	Any caption text is possible.	
</OrderItem>				
</Order>				

Order response message status codes

Header

Values for attribute “msgFunc” in element “OrderResponse”

27 = not accepted

“Not accepted” is set, when TC1 supplier encounters an error on the header level data or if all lines of the order message are erroneous.

4 = change

“Change” is set, when TC1 supplier encounters an error on the line level data, or if on any line, OrderedQty of the trader’s order message is not equal to QtyToBeDelivered of the supplier’s order response message.

29 = accepted without amendment

If the two options described above are not applicable, “Accepted without amendment” is set.

Lines

Values for attribute “action” in element “Line”

24 = accepted with amendment

Action code “Accept with amendment” is set, if OrderedQty of the trader’s order messages is not equal to the QtyToBeDelivered of the supplier’s order response message.

5 = accepted

Action code “Accepted” is set, if TC1 supplier does not encounter any errors in line level data and when OrderedQty of the trader’s order messages is equal to the QtyToBeDelivered of the supplier’s order response message.

7 = not accepted

Action code “Not accepted” is set, when TC1 supplier encounters an error on the line level data.

3 = changed

Action code “Changed” is not supported by TecCom on line level.

Order response Backorder / delivery scheduling with TecCom

To handle the delivery scheduling with TecCom the order response 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="Confirmed"/>
    <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>
        requested delivery date from orderer
    </RequestedDeliveryDate>
    <ProductPrice>
        <PriceCategory>AAA</PriceCategory>
        <Price>10.45</Price>
        <DiscountGroup>NetUnitPrice</DiscountGroup>
    </ProductPrice>
    <DeliveryInfo>
        <Quantity UoM="PCE">30</Quantity>
        ordered quantity
        <Date>20051201</Date>
        promised delivery date
    </DeliveryInfo>
    <ItemInstruction Value="ConfirmedWithoutChanges"/>
</OrdRspItem>
</OrdRsp>
```

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>
      </Address>
    </DeliveryParty>
  </OrdRspHeader>
</OrdRsp>
```

```

    <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>
  <ProductDescription>
    <ProductName1>
    </ProductName1>
  </ProductDescription>
  <RequestedDeliveryDate>
    <Date>20051130</Date>
  </RequestedDeliveryDate>
  <ProductPrice>
    <PriceCategory>AAA</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>
  </QtyVariance>
<DeviationReason>ShipmentPartialBackOrder</DeviationReason>

```

requested delivery date from orderer

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

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>
    <ProductDescription>
        <ProductName1>
        </ProductName1>
    </ProductDescription>
    <RequestedDeliveryDate>
        <Date>20051130</Date>
    </RequestedDeliveryDate>

```

requested delivery date from orderer

```

<ProductPrice>
  <PriceCategory>AAA</PriceCategory>
  <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"/>
  </OrdRspHeader>
</OrdRsp>

```

```
<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>
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    <CountryCode>DE</CountryCode>
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</DeliveryParty>
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  </Address>
</InvoiceParty>
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</ProductId>
<ProductDescription>
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  </ProductDescription>
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  promised delivery date of first delivery
</DeliveryInfo>
<ItemInstruction Value="ConfirmedWithChanges"/>
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  backorder quantity without delivery date and without any delivery of the rest
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</QtyVariance>
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