

STAND

Electronic exchange of trade information in the grocery industry

199 Message Description XML

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Message Description XML

1. Introduction

This document replaces previous DEDIP message profiles:

- XML Order
- XML Order Confirmation
- XML Despatch Advice
- e2b Invoice for Grocery sector

The document also includes an XML Order Receipt based on XML Order Confirmation, as well as an XML Invoice Receipt based on e2b Invoice Receipt.

The XML messages includes the same functionality as the the EANCOM messages, more or less. Functionality should not be an issue when deciding on which format to be used. However, there is a small exception for XML Invoice and Invoice Receipt, which is based on e2b's Invoice and Invoice Receipt, as compared to the same messages in EANCOM-format.

Each party must carefully assess which format, EANCOM or XML, to be used. It is recommended to discuss this issue with your trading partner before any decision on format is concluded.

Feedback should be sent to STAND (support@stand.no) if errors or omissions are found in the guideline.

2. Message Structure

This chapter describes how an EDI package is structured. All XML messages are structured the same way regardless of type of message type. However, please note how the **Invoice** message is structured, as this message can be structured both as a single and a cumulative invoice. **Cumulative invoices is not accepted as a valid EDI message in the grocery industry.**

An EDI package consists of an ENVELOPE, with a number of messages. The types of messages can vary

1 ENVELOPE is made per EDI package. The ENVELOPE identifies the sender and the receiver, as well as date and time for when the ENVELOPE is sent, the number of messages in the ENVELOPE and if the ENVELOPE contains test data.

Each message in the ENVELOPE consists of:

HEADER section

Consists of different segments/data elements that are common to the whole message, ie not linked to only a few line items in the message.

DETAIL section

Consists of different segments/data elements specific to each line item. Some segments/data elements are found in both Header and Detail section and have the same meaning. If they are specified in Detail section, they will override corresponding information in Header section.

SUMMARY section

Consists of different segments/data elements that sum up quantifiable information in the message and counts the number of lines and segments in the message

Each envelope ends with a CONTROL-section. This section consists of different quantifiable totals that can be used to verify that the envelope with content is intact / complete when it reach the receiver.

1 CONTROL-section is made per EDI package.

The use of an envelope is not mandatory for XML-format, and must be agreed upon and documented in the EDI agreement before before EDI takes place.

3. Common for all messages

Some principles, tables and code lists are common for all message types in this guideline. To simplify maintenance and create a consistent understanding, they are described in this chapter instead of documented in each message.

3.1 Identification and use of party information

All parties specified must be identified with GLN.

The table shows which parties can be specified and in which messages they are used.

The following abbreviations are used to determine if the information should be sent or not:

R (Required)	– Must always be sent
D (Dependent)	– Can be sent depending on some conditions. Further explanation in the specific message specifications
O (Optional)	– The entity is optional and can be sent at the discretion of the user
N (Not used)	- Not used

Code	Description	Order	Order Receipt	Order Confirmation	Despatch Advice	Invoice	Invoice Receipt
Byer	Buyer Party the goods are sold to.	R	R	R	R	R	N
Supplier	Supplier A party that produces or otherwise own the goods and makes them available for trading.	R	R	R	R	R	N
Delivery Part	Delivery party Party to which the products are to be delivered or for which the products are made available.	D - R if different from BY	D - R if different from BY	D - R if different from BY	D - R if different from BY	D - R if different from BY or if EXW is not used	N
Ultimate Customer	Ultimate customer The final recipient of goods. Used at Crossdock.	D - R if Cross-dock distribution	D - R if Cross-dock distribution	D - R if Cross-dock distribution	D - R if Cross-dock distribution	O - R if sent in the Order	N
Invoicee	Invoicee Party to whom an invoice is issued.	D - R if different from BY	D - R if different from BY	D - R if different from BY	O	D - R if different from BY	N
Ordered By	Ordered by Party that issued the order. Used when ordering on behalf of another party, for example, if a retail chain office orders on behalf of a retailer.	O	O	O	O	O	N
Carrier	Carrier Party carrying out transportation.	O	O	O	O	Not defined in this profile	N
Shipped From	Shipped from Party from which products will be/are delivered from.	O	O	O	O	D - R if EXW	N
ByersAgent	Buyer agent/representative Party who has taken up the order. Can be used in combination with the order type <i>Industrial order/representative order</i>	O	N	N	N	N	N
Factoring	Factoring company Supplier factoring company	N	N	N	N	O	N
InvoiceIssuer	Issuer of invoice Party that forward invoice to retailer.	N	N	N	N	O	N
Licencee	Licencee Party authorized to sell alcoholic beverages	N	N	N	N	O	N
IssuerParty	Issuer of original invoice Party that originally sent the invoice	N	N	N	N	N	R
RecipientParty	Receiver of original Invoice Party that received original invoice	N	N	N	N	N	R

3.2 Identification of products

There are 3 alternative ways to identify a product in the EDI messages.

Alternative 1:

- The product is identified with GTIN only. This is the recommended and preferred alternative. GTIN can be GTIN-8, GTIN-12, GTIN-13 or GTIN-14

Alternative 2:

- The product is identified with GTIN. GTIN can be GTIN-8, GTIN-12, GTIN-13 or GTIN-14.
- In addition, *SuppliersProductId* or *BuyersProductId* must be specified.

Alternative 3:

- The product is identified with *SuppliersProductId* or *BuyersProductId*

Regardless of alternatives chosen:

- *Package Unit Type* (Consumer unit, Stock Keeping Unit or Distribution Unit) must be sent, respectively, CU, SKU or DU
- If the product is classified as a "variable weight product", *UnitOfMeasure* and *Ref* must also be sent
- Normally the product description is sent in *Description*, but this is not mandatory

3.3 Identification of pallets

Pallets must be identified with Serial Shipping Container Code (SSCC).

SSCC is specified in *ParcelIdentification* in the Despatch Advice message.

3.4 Message table structure

All messages described in this document follow the same template.

<i>Element</i>	Name of XML tag in the message
<i>Requirement</i>	Requirement and occurrences: O (Optional) = Can be specified M (Mandatory) = Must be specified
<i>Description and valid codes</i>	Description of the tag along with valid or recommended codes
<i>Type</i>	Description of type

4. Order

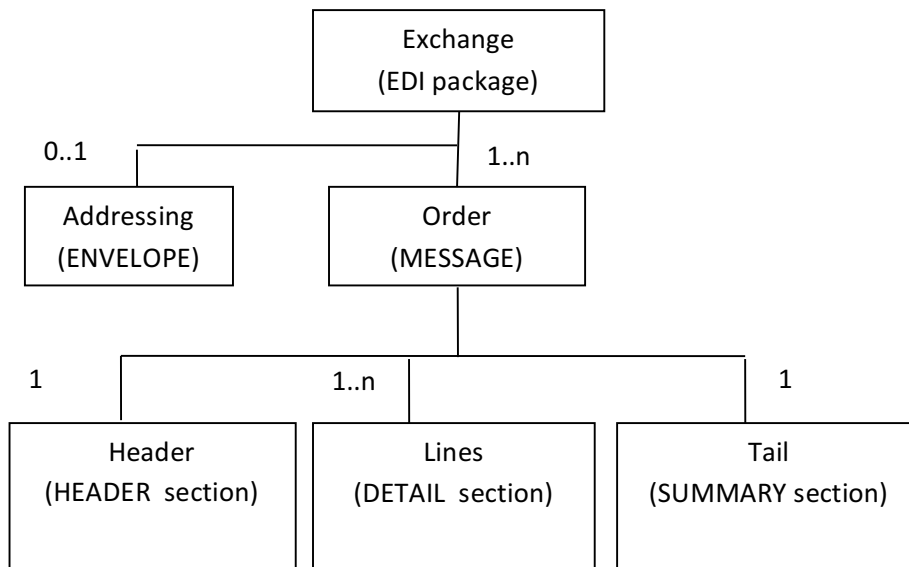
4.1 Structure Order

The following notation is used to define requirements:

0..1 = Zero or one occurrence

1..n = One or many occurrences

An Order EDI package consists of:



4.2 Message table Order

Element	Requirement	Description and valid codes	Type
Interchange	..	Interchange	
Envelope	O 0..1	Envelope	
InterchangeId	M 1..1	Unique identification of the exchange	xs: string
From	M 1..1	GLN to the sender	xs: string
To	M 1..1	GLN to the recipient	xs: string
Date	M 1..1	Date exchange was generated	xs: date
NumberOfMessages	O 0..1	Number of messages in the exchange	xs: integer
TestIndicator	O 0..1	Must be entered with value 1 if the message is a test	xs: integer
Order	M 1..unbounded	Order Message	
MessageOwner	M ..	= GSINOR	xs: string
MessageType	M ..	= ORDERS	xs: string
MessageVersion	M ..	= STAND013 v1.0	xs: string
MessageNumber	O 0..1	Unique number identifying the message.	xs: string
MessageTimestamp	O 0..1	Message Date	xs: datetime
OrderHeader	M 1..1		
OrderType	M 1..1	Which order types to be used must be agreed upon bilaterally Valid codes: 220 = Normal order 22E = Industrial order / representative order 26E = Crossdock order ZZ3 = Forecast - for planning. Final order will follow.	restriction (xsd: string)
OrderNumber	M 1..1	Order number assigned by sender	String 35
OrderResponse	M 1..1	One of the codes must be used. Valid codes: Z1 = Agreed bilaterally if order receipt and / or order confirmation is to be sent	Message Response type
RequestedDeliveryDate	M 1..1	Requested delivery / pick-up date / time. Delivery / pick-up date	
DateCode	O 0..1	Code 2 or 200 is recommended. Other codes must be agreed upon bilaterally. Valid codes: 2 = Code for requested delivery time 63 = Latest delivery time 64 = Earliest delivery time 77 = Requested delivery for a «week beginning with» 200 = Pick-up code (Ex Works)	restriction (xsd: string)
Date	M 1..1	Date (YYYY-MM-DD)	xs: date
Time	O 0..1	Time (HH: MM: SS)	xs: time
TransportInstruction	O 0..1	Transport / handling info. Used for customer-packed deliveries.	
TextQualifier	M 1..1	BaseType : Text qualifier	TextQualifierType

			Valid codes:
			PAC = Packing/labelling information
	Text	M 1..1	
	FreeText1	M 1..1	Text for departure String_10
	FreeText2	M 1..1	Text for outbound area String_15
	FreeText3	M 1..1	Text for departure time String_15
	Supplier	M 1..1	Identification of the Supplier (SU)
	LocationId	M 1..1	GLN xs: string
	Buyer	M 1..1	Identification of the Buyer (BY)
	LocationId	M 1..1	GLN xs: string
	Name	O 0..1	Name xs: string
	ContactPerson	O 0..unbounded	Contact information
	Name	M 1..1	Contact Name String_35
	Department	O 0..1	Department
	Code	O 0..1	Code for the Department / Department xs: string
			Valid codes:
			AD = Customer contact in general
			OC = Order Contact
			PD = Purchaser contact
	DepartmentText	M 1..1	xs: string
	OrgNumber	M 1..1	Organization number String_9
	VatId	O 0..1	VAT No String_14
	Invoicee	O 0..1	Identification of the Invoice Receiver (IV)
	LocationId	M 1..1	GLN xs: string
	OrderedBy	O 0..1	Identification of the Order (OB)
	LocationId	M 1..1	GLN xs: string
	DeliveryPart	O 0..1	Identification of the DeliveryParty
	LocationId	M 1..1	GLN xs: string
	UltimateCustomer	O 0..1	Identification of the Ultimate Customerer (UD)
	LocationId	M 1..1	GLN xs: string
	Name	O 0..1	Name xs: string
	ContactInformation	O 0..1	Contact information
	PhoneNumber	O 0..1	xs: string
	EmailAddress	O 0..1	xs: string
	PostalAddress	O 0..1	Address information
	Address1	M 1..1	restriction (xsd: string)

PostalCode	O	0..1		restriction (xsd: string)
PostalDistrict	O	0..1		restriction (xsd: string)
ContactPerson	O	0..unbounded	Contact information	
Name	M	1..1	Contact Name	String_35
Department	O	0..1	Buyer Contact	
Code	O	0..1	Code for the Department	xs: string
			Valid codes:	
			PD = Purchase contact	
DepartmentText	M	1..1		xs: string
Ref	O	0..unbounded	Other reference	
Code	M	1..1	Additional Information	String_35
			Valid codes:	
			API = Additional Information	
Text	O	0..1	Code value (Sender customer number for ultimate customer)	xs: string
ShippedFrom	O	0..1	Identification of Shipped From (SF)	
LocationId	M	1..1	GLN	xs: string
Carrier	O	0..1	Identification of Carrier (CA)	
LocationId	M	1..1	GLN	xs: string
BuyersAgent	O	0..1	Identification of Buyer Agent (AB). Can be used for order type = 22E)	
LocationId	M	1..1	GLN	xs: string
Ref	O	0..unbounded	Other reference	
Code	M	1..1	Code Value	String_35
			Valid codes:	
			CT = Contract number	
			ON = Buyer order number	
			PL = Price catalogue code	
Text	M	1..1		xs: string
OrderDetails	M	1..1	Line items	
BaseItemDetails	M	1..unbounded	Line Item Details	
LineItemNum	M	1..1	Line number. Sequential number starting with 1.	xs: integer
ProductIdentification	M	1..1	Product Identification (See valid alternatives in section 3.2)	
SuppliersProductId	O	0..1	Supplier's product number	String_14
BuyersProductId	O	0..1	Buyer's product number	String_14
GTIN	O	0..1	GTIN	String_14
PackageUnitType	M	1..1	Must be used when GTIN is missing	String_3
			Valid codes:	
			CU = Consumer Unit	

			Valid codes:
			DU = Distribution Unit TU = Stock Keeping Unit (SKU)
Description	O 0 .. 1	Item Description	xs: string
QuantityOrdered	M 1 .. 1	Amount to be ordered	xs: decimal
UnitOfMeasure	O 0 .. 1	Unit of measurement for ordered quantity. PCE is used if possible. Must be specified for variable weight product.	xs: string
			Valid codes:
			KGM = Kilo LTR = litre MTR = metre PCE = Piece
Ref	O 0 .. unbounded	Other reference. Must be specified for variable weight product.	
Code	M 1 .. 1	Name of code	String_35
			Valid codes:
			VQ = Variable quantity product
Text	O 0 .. 1	Code Value	xs: string
FreeText	O 0 .. unbounded	Free text. Use must be agreed upon bilaterally.	
Code	M 1 .. 1		restriction (xsd: string)
			Valid codes:
			AAI = General information PUR = Buyer Information ZZZ = Mutually defined
Text	M 1 .. 1		xs: string
OrderSummary	M 1 .. 1		
NumberOfLineItems	M 1 .. 1	Number of line items	Decimal_6

4.3 Example Order

```
<?xml version="1.1" encoding="ISO-8859-1"?>
<Interchange xmlns="http://www.ean-nor.no/schemas/eannor"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="GS1_Order_Interchange_v1p0.xsd">
  <Envelope>
    <InterchangeId>2013100001</InterchangeId>
    <From>7080000043217</From>
    <To>7080000083121</To>
    <Date>2013-10-15</Date>
    <NumberOfMessages>1</NumberOfMessages>
  </Envelope>
  <Order MessageOwner="GS1NOR" MessageType="ORDERS" MessageVersion="STAND013
v1.0">
    <MessageNumber>1</MessageNumber>
    <MessageTimestamp>2013-10-15T14: 25: 30</MessageTimestamp>
    <OrderHeader>
      <OrderType>220</OrderType>
      <OrderNumber>2013100001</OrderNumber>
      <OrderResponse>Z1</OrderResponse>
      <RequestedDeliveryDate>
        <DateCode>200</DateCode>
        <Date>2013-10-20</Date>
      </RequestedDeliveryDate>
      <Supplier>
        <LocationId>7080000083121</LocationId>
      </Supplier>
      <Buyer>
        <LocationId>7080000043217</LocationId>
        <OrgNumber>914576612</OrgNumber>
      </Buyer>
    </OrderHeader>
    <OrderDetails>
      <BaseItemDetails>
        <LineItemNum>1</LineItemNum>
        <ProductIdentification>
          <GTIN>7032520000010</GTIN>
        </ProductIdentification>
        <PackageUnitType>TU</PackageUnitType>
        <Description>WHEAT FLOUR</Description>
        <QuantityOrdered>24</QuantityOrdered>
        <UnitOfMeasure>PCE</UnitOfMeasure>
      </BaseItemDetails>
    </OrderDetails>
    <OrderSummary>
      <NumberOfLineItems>1</NumberOfLineItems>
    </OrderSummary>
  </Order>
</Interchange>
```

5. Order Receipt

Order Receipt (previously referred to as Order Confirmation Light) is sent for the purpose of informing the sender that the order has been received. The parties must have a bilateral agreement if Order Receipt is to be sent.

Order Receipt message is based on the Order Confirmation message.

In Order Receipt, only HEADER section and SUMMARY section are sent.

Information returned in the HEADER section must be identical to the information received in the Order.

Type	ConfirmationStatus	LineItemStatus	SUMMARY section	Comment
Order Receipt	12	Not used	Used	The order is confirmed received, but not processed

5.1 Message table Order Receipt

Element	Requirement	Description and valid codes	Type
Interchange	..	Interchange	
Envelope	O 0..1	Envelope	
To	M 1..1	GLN to the recipient.	String_13
InterchangeId	M 1..1	Unique identification of the interchange	xs: string
From	M 1..1	GLN to the sender.	String_13
Date	M 1..1	The date when the interchange was generated	xs: date
NumberOfMessages	O 0..1	Number of messages in the interchange	xs: integer
TestIndicator	O 0..1	Must be specified with code = 1 if the interchange is a test	xs: integer
		Valid codes:	
		1 = Test	
OrderResponse	M 1..unbounded	Order Receipt Message	
MessageOwner	M ..	= GSINOR	restriction (xsd: string)
MessageType	M ..	= ORDREKVITTERING	xs: string
MessageVersion	M ..	= STAND013 v1.0	restriction (xsd: string)
MessageNumber	O 0..1	Unique number identifying the message.	xs: string
MessageTimestamp	M 1..1	The message creation date	xs: datetime
OrderResponseHeader	M 1..1	Header Information	
ConfirmationType	M 1..1	Document type	restriction (xsd: string)
		Valid codes:	
		231 = Order confirmation	
ConfirmationNumber	M 1..1	Order Confirmation / Order Number issued by Supplier	String_35
ConfirmationStatus	M 1..1	One of the codes must be entered.	xs: string
		Valid codes:	
		12 = Not processed	
ConfirmationResponse	M 1..1	A new order will not be sent as "acceptance" of any changes sent in order confirmation	MessageResponseType
		Valid codes:	
		NA = New order as confirmation of change to the order should not be sent	
RequestedDeliveryDate	M 1..1	Requested delivery date / time.	
DateCode	O 0..1		restriction (xsd: string)
		Valid codes:	
		2 = Requested delivery time	
		63 = Latest delivery time	
		64 = Earliest delivery time	
		77 = Requested delivery for a "week beginning with" in the format ccyyymmdd	
		200 = Pick-up Delivery (EXW)	
Date	M 1..1	Date (YYYY-MM-DD)	xs: date
Time	O 0..1	Time (HH: MM: SS)	xs: time

DeliveryDate	M 1 .. 1	Confirmed delivery date / time.	
DateCode	O 0 .. 1		restriction (xsd: string)
		Valid codes:	
		69 = Confirmed delivery time	
		72 = Delivery is confirmed at the earliest	
		75 = Delivery is confirmed at the latest	
Date	M 1 .. 1	Date (YYYY-MM-DD)	xs: date
Time	O 0 .. 1	Time (HH: MM: SS)	xs: time
Supplier	M 1 .. 1	Identification of the Supplier (SU)	
LocationId	M 1 .. 1	GLN	xs: string
Name	O 0 .. 1	Name	xs: string
ContactPerson	O 0 .. unbounded	Contact information	
Name	M 1 .. 1	Contact Name	String_35
Department	O 0 .. 1	Department	
Code	O 0 .. 1	Code for the Department	xs: string
		Valid codes:	
		AD = Customer contact in general	
		OC = Order Contact	
		PD = Purchase contact	
DepartmentText	M 1 .. 1		xs: string
OrgNumber	M 1 .. 1	Organization number	String_9
VatId	O 0 .. 1	VAT No	String_14
Buyer	M 1 .. 1	Identification of Buyer (BY)	
LocationId	M 1 .. 1	GLN	xs: string
Invoicee	O 0 .. 1	Identification of Invoice Receiver (IV)	
LocationId	M 1 .. 1	GLN	
OrderedBy	O 0 .. 1	Identification of Ordered By (OB)	
LocationId	M 1 .. 1	GLN	xs: string
DeliveryPart	O 0 .. 1	Identification of Delivery Part (DP)	
LocationId	M 1 .. 1	GLN	xs: string
UltimateCustomer	O 0 .. 1	Identification of Ultimate Customer (UD)	
LocationId	M 1 .. 1	GLN	xs: string
ShippedFrom	O 0 .. 1	Identification of Shipped From (SF)	
LocationId	M 1 .. 1	GLN	xs: string
Carrier	O 0 .. 1	Identifier of Carrier (CA)	
LocationId	M 1 .. 1	GLN	xs: string

References	M 1 .. 1	References	
BuyersOrderNumber	M 1 .. 1	Buyer Order Number	String_17
SuppliersOrderNumber	O 0 .. 1	Supplier Order Number	String_17
OrderResponseSummary	M 1 .. 1		
NumberOfLineItems	M 1 .. 1	Number of line items	Decimal_6

5.2 Example Order Receipt

```
<?xml version="1.1" encoding="ISO-8859-1"?>
<Interchange xmlns="http://www.ean-nor.no/schemas/eannor"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="EAN_OrderResponse_Interchange_v1p0.xsd">
  <Envelope>
    <InterchangeId>20130350</InterchangeId>
    <From>7080000083121</From>
    <To>7080000043217</To>
    <Date>2013-10-15</Date>
    <NumberOfMessages>1</NumberOfMessages>
  </Envelope>
  <OrderResponse MessageOwner="GS1NOR" MessageType="ORDREKVITTERING"
MessageVersion="STAND013 v.1.0">
    <MessageNumber>1</MessageNumber>
    <MessageTimestamp>2013-10-15T15: 20: 00-05: 00</MessageTimestamp>
    <OrderResponseHeader>
      <ConfirmationType>231</ConfirmationType>
      <ConfirmationNumber>20130350</ConfirmationNumber>
      <ConfirmationStatus>12</ConfirmationStatus>
      <ConfirmationResponse>NA</ConfirmationResponse>
      <RequestedDeliveryDate>
        <DateCode>2</DateCode>
        <Date>2013-10-20</Date>
      </RequestedDeliveryDate>
      <DeliveryDate>
        <DateCode>69</DateCode>
        <Date>2013-10-20</Date>
      </DeliveryDate>
      <Supplier>
        <LocationId>7080000083121</LocationId>
        <OrgNumber>987654321</OrgNumber>
      </Supplier>
      <Buyer>
        <LocationId>7080000043217</LocationId>
      </Buyer>
      <References>
        <BuyersOrderNumber>2013100001</BuyersOrderNumber>
      </References>
    </OrderResponseHeader>
    <OrderResponseSummary>
      <NumberOfLineItems>0</NumberOfLineItems>
    </OrderResponseSummary>
  </OrderResponse>
</Interchange>
```

```
</OrderResponse>  
</Interchange>
```

6. Order Confirmation

6.1 Order Confirmation variants

Variants of Order Confirmation							
Type	Confirmation Status	Line Item Status	Additional Quantity Type	Quantity Status	Change Reason Code	Date Code	Comments
Product discontinued	4	7	21	CP	OS		The order is checked and approved. A discontinued product has been ordered, and information about this is returned in the message. Other products are accepted
Temporarily sold out	4	3	21	CP	AOE	44	The order is checked and approved. The inventory is checked. Information is returned that one or more ordered products can not be delivered in full. The date of when the product is expected back in stock can be sent in the message. Other products are accepted
Unknown Product number	4	7	21	CP	AU		The order is checked and approved. It is revealed that it is ordered on an unknown item number, as information is returned. Other products are accepted
Quantity reduced as requested by ultimate customer	4	3	21	CP	Z1		Used at Crossdock deliveries only. Quantity reduced as per request for one or more products. Other products are accepted
Deviation. Other causes	4	3	21	CP	ZZ		Used for other causes of deviation than specified above.

							Other products are accepted
Order is checked for product information	29	No					The order has been checked for valid product information. Order is approved as a valid order, but is not checked for stock availability
The order can be delivered in full	29	No					The order is checked and approved. Inventory is checked and ordered products can be delivered in full
The order is rejected	27	No					The order is checked and rejected

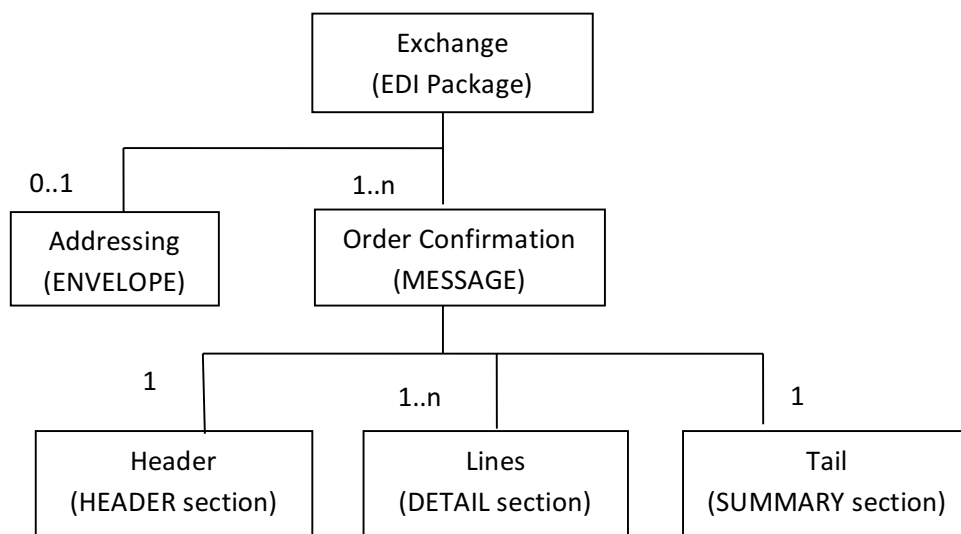
6.2 Structure Order Confirmation

The following notation is used to define requirements for completion:

0..1 = Zero or an occurrence

1..n = One or many instances

An exchange of order confirmation consists of :



6.3 Message table Order Confirmation

Element	Requirement	Description and valid codes	Type
Interchange	..	Interchange	
Envelope	O 0..1	Envelope	
InterchangeId	M 1..1	Unique identification of the interchange	xs: string
From	M 1..1	GLN to the sender	String_13
To	M 1..1	GLN to the recipient	String_13
Date	M 1..1	Date of interchange	xs: date
NumberOfMessages	O 0..1	Number of messages in the interchange	xs: integer
TestIndicator	O 0..1	Must be specified with code = 1 if the interchange is a test	xs: integer
		Valid codes:	
		1 = Test	
OrderResponse	M 1..unbounded	Order Confirmation Message	
MessageOwner	M ..	= GSINOR	restriction (xsd: string)
MessageType	M ..	= ORDERRESPONSE	xs: string
MessageVersion	M ..	=STAND013 v1.0	restriction (xsd: string)
MessageNumber	O 0..1	Unique number identifying the message.	xs: string
MessageTimestamp	M 1..1	The message creation date	xs: datetime
OrderResponseHeader	M 1..1	Header Information	
ConfirmationType	M 1..1	Document type	restriction (xsd: string)
		Valid codes:	
		231 = Order Confirmation	
ConfirmationNumber	M 1..1	Order Confirmation / Order Number issued by Supplier	String_35
ConfirmationStatus	M 1..1	One of the codes must be entered.	xs: string
		Valid codes:	
		4 = Accepted with changes	
		27 = Not accepted	
		29 = Accepted with no changes	
ConfirmationResponse	M 1..1	A new order will not be sent as "acceptance" of any changes sent in order confirmation	MessageResponseType
		Valid codes:	
		NA = New order as confirmation of change to the order should not be sent	
RequestedDeliveryDate	M 1..1	Requested delivery date / time.	
DateCode	O 0..1		restriction (xsd: string)
		Valid codes:	
		2 = Requested delivery time	
		63 = Latest delivery time	
		64 = Earliest delivery time	
		77 = Requested delivery for a "week beginning with" in the format ccyyymmdd	
		200 = Pick-up Delivery (EXW)	
Date	M 1..1	Date (YYYY-MM-DD)	xs: date

Time	O 0..1	Time (HH: MM: SS)	xs: time
DeliveryDate	M 1..1	Confirmed delivery date / time.	
DateCode	O 0..1	Valid codes: Valid codes: 69 = Confirmed delivery time 72 = Delivery is confirmed at the earliest 75 = Delivery is confirmed at the latest	restriction (xsd: string)
Date	M 1..1	Date (YYYY-MM-DD)	xs: date
Time	O 0..1	Time (HH: MM: SS)	xs: time
Supplier	M 1..1	Identification of the Supplier (SU)	
LocationId	M 1..1	GLN	xs: string
Name	O 0..1	Name	xs: string
ContactPerson	O 0..unbounded	Contact information	
Name	M 1..1	Contact Name	String_35
Department	O 0..1	Department	
Code	O 0..1	Code for the Department / Department Valid codes: AD = Customer contact in general OC = Order Contact PD = Purchase contact	xs: string
DepartmentText	M 1..1		xs: string
OrgNumber	M 1..1	Organization number	String_9
VatId	O 0..1	VAT No	String_14
Buyer	M 1..1	Identification of Buyer (BY)	
LocationId	M 1..1	GLN	xs: string
Invoicee	O 0..1	Identification of Invoice Receiver (IV)	
LocationId	M 1..1	GLN	xs: string
OrderedBy	O 0..1	Identification of Order (OB)	
LocationId	M 1..1	GLN	xs: string
DeliveryPart	O 0..1	Identification of Delivery Party (DP)	
LocationId	M 1..1	GLN	xs: string
UltimateCustomer	O 0..1	Identification of Ultimate Customer (UD)	
LocationId	M 1..1	GLN	xs: string
ShippedFrom	O 0..1	Identification of Shipped From (SF)	
LocationId	M 1..1	GLN	xs: string
Carrier	O 0..1	Identifier of Carrier (CA)	

LocationId	M 1 .. 1	GLN	xs: string
References	M 1 .. 1	References	
BuyersOrderNumber	M 1 .. 1	Buyer Order Number	String_17
SuppliersOrderNumber	O 0 .. 1	Supplier Order Number	String_17
OrderResponseDetails	O 0 .. 1	Line Information	
BaseItemDetails	M 1 .. unbounded	Basic Details	
LineItemNum	M 1 .. 1	Sequential line number.	xs: integer
LineItemStatus	M 1 .. 1	Status	String_3
		Valid codes:	
		3 = Change (also used for temporary sold out)	
		7 = Not accepted, rejected	
ProductIdentification	M 1 .. 1	Product identification	
SuppliersProductId	O 0 .. 1	Supplier product number	String_14
BuyersProductId	O 0 .. 1	Buyer product number	String_14
GTIN	O 0 .. 1	GTIN	String_14
PackageUnitType	M 1 .. 1	One of the codes must be specified if GTIN is missing	String_3
		Valid codes:	
		CU = Consumer Unit	
		DU = Distribution Unit	
		TU = Stock Keeping Unit (SKU)	
Description	O 0 .. 1	Item Description	xs: string
OrderedQuantity	M 1 .. unbounded	Ordered quantity	
QuantityType	O 0 .. 1	Quantity Type	String_3
		Valid codes:	
		21 = Ordered quantity	
Quantity	M 1 .. 1	Quantity	Decimal_8
QuantityUnit	O 0 .. 1	Must be specified if variable weight product.	String_3
		Valid codes:	
		KGM = Kilo	
		LTR = Litre	
		MTR = Metre	
		PCE = Piece	
QuantityDate	O 0 .. 1	Date of Quantity	
DateCode	M 1 .. 1	Date and time	restriction (xsd: string)
		Valid codes:	
		69 = Agreed delivery / pickup time	
Date	M 1 .. 1	Date (YYYY-MM-DD)	xs: date
Time	O 0 .. 1	Time (HH: MM: SS)	xs: time

	ConfirmedQuantity	O 0 .. unbounded	Confirmed quantity. Not recommended to use this information. Use must be agreed bilaterally.
	QuantityType	O 0 .. 1	Quantity Type String_3 Valid codes: 113 = Quantity that will be delivered
	Quantity	M 1 .. 1	Quantity Decimal_8
	QuantityUnit	O 0 .. 1	Must be specified if variable weight product. String_3 Valid codes: KGM = Kilo LTR = Litre MTR = Metre PCE = Piece
	QuantityDate	O 0 .. 1	Date of Quantity
	DateCode	M 1 .. 1	Date and time restriction (xsd: string) Valid codes: 69 = Agreed delivery / pickup time
	Date	M 1 .. 1	Date (YYYY-MM-DD) xs: date
	Time	O 0 .. 1	Time (HH: MM: SS) xs: time
	AdditionalQuantity	O 0 .. unbounded	Quantity Variance
	QuantityType	O 0 .. 1	Quantity Type String_3 Valid codes: 21 = Deviation related to ordered quantity
	QuantityStatus	O 0 .. 1	Status String_35 Valid codes: CP = Shipment partial - Considered complete, no back order
	Quantity	M 1 .. 1	Quantity deviation = Ordered quantity - delivered quantity Decimal_8
	QuantityUnit	O 0 .. 1	Unit String_3 Valid codes: KGM = Kilo LTR = Litre MTR = Metre PCE = Pieces
	QuantityDate	O 0 .. 1	Date for when a temporary sold out product is expected back in stock and available for sale, if this date is known. Must be agreed bilaterally. Guideline from STAND: "This information can be specified when full delivery according to ordered quantity is not met, (temporarily out of stock), and indicates when the product is available from the supplier. It is a request from the distributors that suppliers in the long run could send this information if it is known, and that this information should be actively used in the order processing".
	DateCode	M 1 .. 1	Date and time restriction (xsd: string) Valid codes: 44 = Date / time when ordered product will be available

—	Date	M 1 .. 1	Date (YYYY-MM-DD)	xs:date
—	Time	O 0 .. 1	Time (HH: MM: SS)	xs:time
—	BuyersOrderInfo	O 0 .. 1	Reference to buyer order	
—	UnitOfMeasure	O 0 .. 1	Unit	String_3
			Valid codes:	
			KGM = Kilo	
			LTR = Litre	
			MTR= Metre	
			PCE = Piece	
—	UnitPrice	O 0 .. 1	Unit price	Decimal_8
—	LineNum	O 0 .. 1	Line number	String_6
—	OrderNumber	O 0 .. 1	Order number	String_17
—	SuppliersOrderInfo	O 0 .. 1	Reference to supplier order	
—	UnitOfMeasure	O 0 .. 1	Code	String_3
			Valid codes:	
			KGM = Kilo	
			LTR = Litre	
			MTR = Metre	
			PCE = Piece	
—	Quantity	O 0 .. 1	Quantity	Decimal_8
—	LineNum	O 0 .. 1	Line number	String_6
—	OrderNumber	O 0 .. 1	Order number	String_17
—	ChangeReason	O 0 .. 1	Reason of quantitative deviations on delivery	
—	Code	M 1 .. 1	Code	String_35
			Valid codes:	
			AOE = Temporarily sold out	
			AU = Unknown Product number	
			OS = Product is discontinued	
			Z1 = Reduced as requested by ultimate customer. Used only for Crossdock deliveries.	
			ZZ = Deviation. Other reasons	
—	Text	O 0 .. 1	Free text	xs:string
—	Ref	O 0 .. unbounded	Other reference	
—	Code	M 1 .. 1	Code	String_35
			Valid codes:	
			VQ = Variable quantity product	
—	Text	M 1 .. 1	Code	xs:string
—	FreeText	O 0 .. unbounded	Free text. Must be agreed bilaterally if this is to be used and what it may be used for.	
—	Code	M 1 .. 1		restriction (xsd:string)

		Valid codes: AAI = General information PUR = Buyer Information ZZZ = Mutually defined	
	Text	M 1 .. 1	xs:string
	OrderResponseSummary	M 1 .. 1	
	NumberOfLineItems	M 1 .. 1	Decimal_6

6.4 Example Order Confirmation

Distribution type *Delivery via distributor*, where 1 ordered line is sold out, with feedback to customer about when the sold out product is expected back in stock and available for ordering.

```
<?xml version="1.1" encoding="ISO-8859-1"?>
<Interchange xmlns="http://www.ean-nor.no/schemas/eannor"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="EAN_OrderResponse_Interchange_v1p0.xsd">
  <Envelope>
    <InterchangeId>20130350</InterchangeId>
    <From>7080000083121</From>
    <To>7080000043217</To>
    <Date>2013-10-15</Date>
    <NumberOfMessages>1</NumberOfMessages>
  </Envelope>
  <OrderResponse MessageOwner="GS1NOR" MessageType="ORDERRESPONSE"
MessageVersion="STAND013 v.1.0">
    <MessageNumber>1</MessageNumber>
    <MessageTimestamp>2013-10-15T15: 20: 00-05: 00</MessageTimestamp>
    <OrderResponseHeader>
      <ConfirmationType>231</ConfirmationType>
      <ConfirmationNumber>20130350</ConfirmationNumber>
      <ConfirmationStatus>4</ConfirmationStatus>
      <ConfirmationResponse>NA</ConfirmationResponse>
      <RequestedDeliveryDate>
        <DateCode>2</DateCode>
        <Date>2013-10-20</Date>
      </RequestedDeliveryDate>
      <DeliveryDate>
        <DateCode>69</DateCode>
        <Date>2013-10-21</Date>
      </DeliveryDate>
      <Supplier>
        <LocationId>7080000083121</LocationId>
        <OrgNumber>987654321</OrgNumber>
      </Supplier>
      <Buyer>
        <LocationId>7080000043217</LocationId>
      </Buyer>
      <References>
        <BuyersOrderNumber>2013100001</BuyersOrderNumber>
        <SuppliersOrderNumber>20130350</SuppliersOrderNumber>
      </References>
    </OrderResponseHeader>
    <OrderResponseDetails>
      <BaseItemDetails>
        <LineItemNum>1</LineItemNum>
        <LineItemStatus>3</LineItemStatus>
        <ProductIdentification>
          <GTIN>7032520000010</GTIN>
        </ProductIdentification>
        <PackageUnitType>TU</PackageUnitType>
        <Description>WHEAT FLOUR</Description>
      </BaseItemDetails>
    </OrderResponseDetails>
  </OrderResponse>
</Interchange>
```

```

    <OrderedQuantity>
      <QuantityType>21</QuantityType>
      <Quantity>14</Quantity>
      <QuantityUnit>PCE</QuantityUnit>
      <QuantityDate>
        <DateType>69</DateType>
        <Date>2013-10-20</Date>
      </QuantityDate>
    </OrderedQuantity>
    <AdditionalQuantity>
      <QuantityType>21</QuantityType>
      <QuantityStatus>CP</QuantityStatus>
      <Quantity>-10</Quantity>
      <QuantityUnit>PCE</QuantityUnit>
      <QuantityDate>
        <DateCode>44</DateCode>
        <Date>2013-10-27</Date>
      </QuantityDate>
    </AdditionalQuantity>
    <BuyersOrderInfo>
      <UnitOfMeasure>PCE</UnitOfMeasure>
      <Quantity>24</Quantity>
      <LineNum>1</LineNum>
      <OrderNumber>2013100001</OrderNumber>
    </BuyersOrderInfo>
    <SuppliersOrderInfo>
      <UnitOfMeasure>PCE</UnitOfMeasure>
      <Quantity>14</Quantity>
      <LineNum>1</LineNum>
      <OrderNumber>20130350</OrderNumber>
    </SuppliersOrderInfo>
    <ChangeReason>
      <Code>AOE</Code>
    </ChangeReason>
  </BaseItemDetails>
</OrderResponseDetails>
<OrderResponseSummary>
  <NumberOfLineItems>1</NumberOfLineItems>
</OrderResponseSummary>
</OrderResponse>
</Interchange>

```

7. Despatch Advice

7.1 Structure Despatch Advice

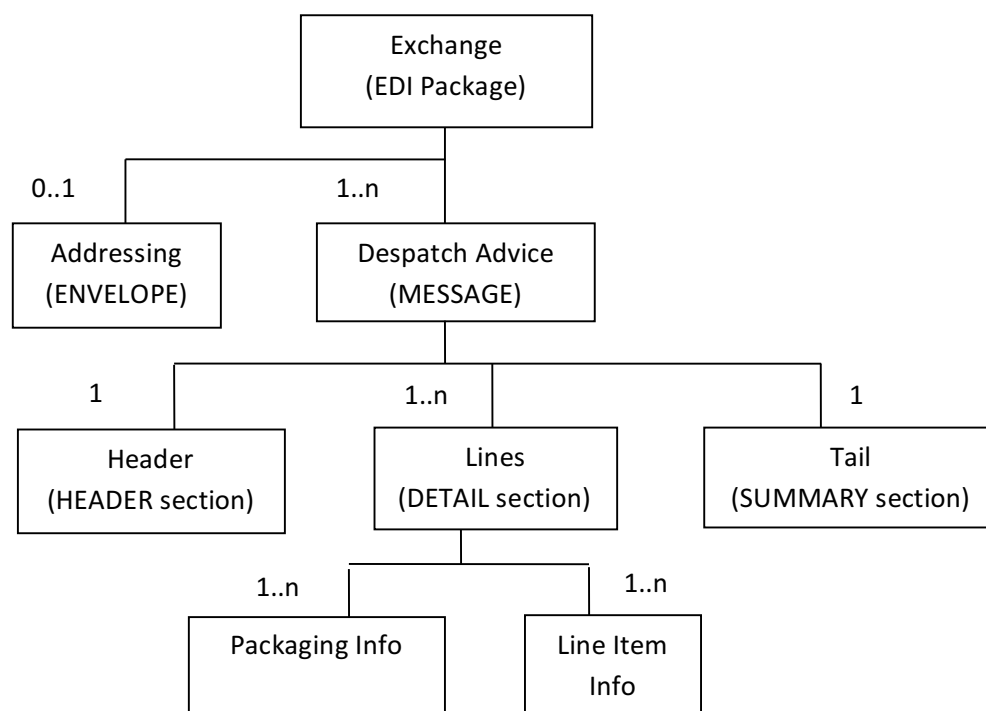
A Despatch Advice complies with the principle that has been used for other messages in the standard: 1-to-1 ratio between Order, Order Confirmation, Despatch Advice and Invoice.

The following notation is used to describe the message:

0..1 = null or 1 occurrence

1..n = 1 or many occurrences

An exchange of Despatch Advice consists of:



The message Despatch Advice consists of a HEADER section, a DETAIL section, and a SUMMARY section. The Detail section is splitted into Packaging Info and Line Item Info.

Packaging Info allows you to specify information about how the delivery is packed, what packing levels it consists of and what types of packing that are used. For each package it is possible to associate both information on quantities and physical measurements and weight.

Line Item Info consists of a repeating segment group that always starts with a *BaseItemDetails* segment. Each *BaseItemDetails* segment refers to a line item in a previously received order.

The Line item has reference to the Order. The same information can also be specified in the Header section.

7.2 Level of details for the Despatch Advice

Pallets in a Despatch Advice must be specified according to a level of detail, determined by the composition of products on the pallet. Levels are referred to as Level 1-4, where 4 is the most detailed level:

- **Standard Pallets** (same product, same batch/lot number) and **Mixed pallets** must be specified according to level 3
- **Customer packed pallets** must be specified according to level 4.
- **Promotional Units** should generally be specified according to level 4, but in certain cases level 3 can be agreed bilaterally.

Level 1 and 2 does not provide enough detailed information, and therefore not used.

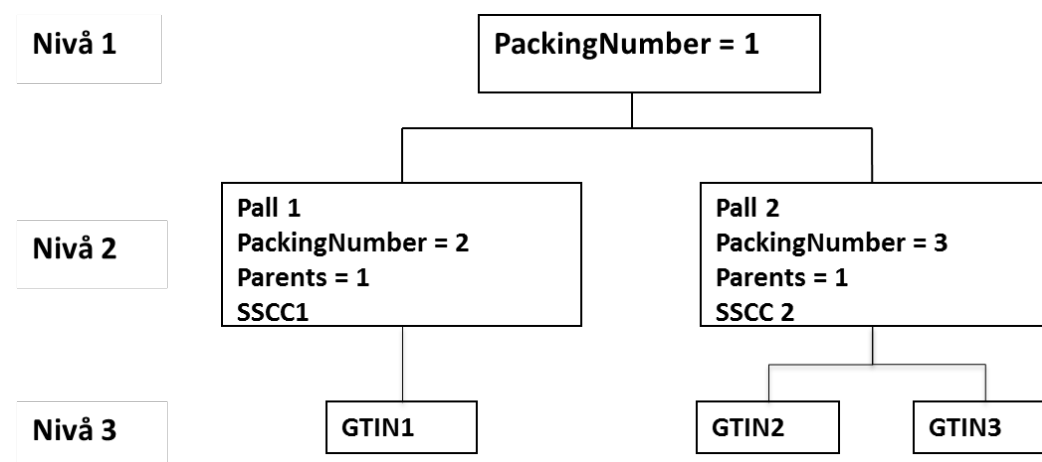
A Despatch Advice can include a combination of pallets regardless of level 3 and level 4 information

In the Despatch Advice the content of the pallet is described in detail. Each pallet is identified with a unique SSCC (Serial Shipping Container Code), which is also specified in the Despatch Advice. This identifier is the link between the physical pallet and the detailed information in the Despatch Advice about the products on the pallet.

Level 3 (Nivå 3 in Norwegian)

Example; The delivery consists of 2 pallets identified and labelled with a SSCC.

Pallet 1 contains the same product (Standard pallet) while pallet 2 contains 2 different products (Mixed pallet).



```

...
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- TOP LEVEL -->
  </DeliveryNotePackages>
</DeliveryNoteDetails>
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- PALLET 1 -->
  </DeliveryNotePackages>
  <BaseItemDetails>
    <!-- GTIN1 -->
  </BaseItemDetails>
</DeliveryNoteDetails>
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- PALLET 2 -->
  </DeliveryNotePackages>
  <BaseItemDetails>
    <!-- GTIN2-->
  </BaseItemDetails>
  <BaseItemDetails>
    <!-- GTIN3-->
  </BaseItemDetails>
</DeliveryNoteDetails>
...

```

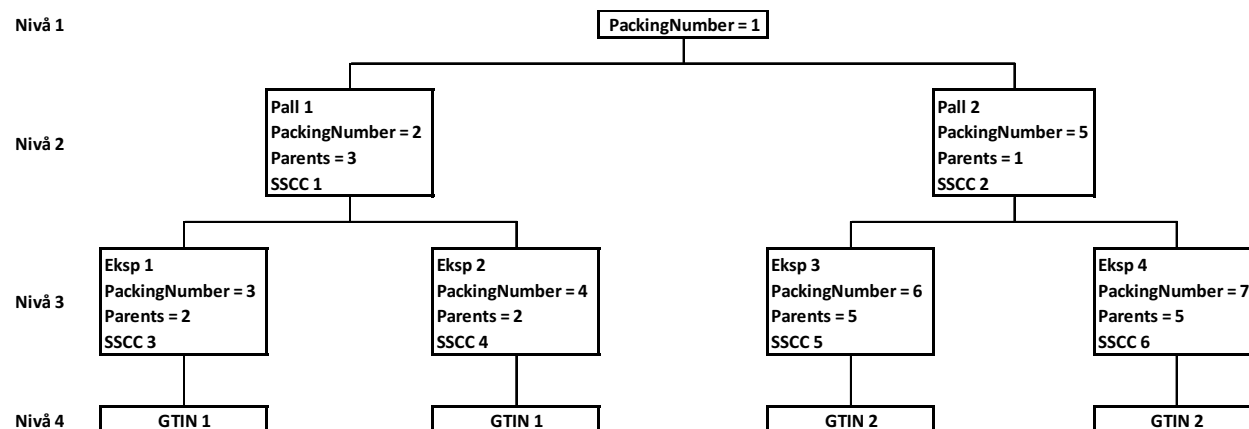
Level 4 (Nivå 4 in Norwegian)

The pallet is described with information about what is on each pallet as well as on the underlying pallets. With this detailed information, goods reception can be made on the load carrier level.

Example Promotional Unit

The delivery consists of 2 pallets, each containing 2 Promotional Units (Eksp 1/2 and Eksp 3/4).

All pallets are identified and labelled with SSCC.



```
...
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- TOP LEVEL -->
  </DeliveryNotePackages>
</DeliveryNoteDetails>
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- PALLET 1 -->
  </DeliveryNotePackages>
</DeliveryNoteDetails>
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- PROMOTIONAL UNIT 1 -->
  </DeliveryNotePackages>
  <BaseItemDetails>
    <!-- GTIN 1 -->
  </BaseItemDetails>
</DeliveryNoteDetails>
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- PROMOTIONAL UNIT 2 -->
  </DeliveryNotePackages>
  <BaseItemDetails>
    <!-- GTIN 1 -->
  </BaseItemDetails>
</DeliveryNoteDetails>
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- PALLET 2 -->
  </DeliveryNotePackages>
</DeliveryNoteDetails>
```

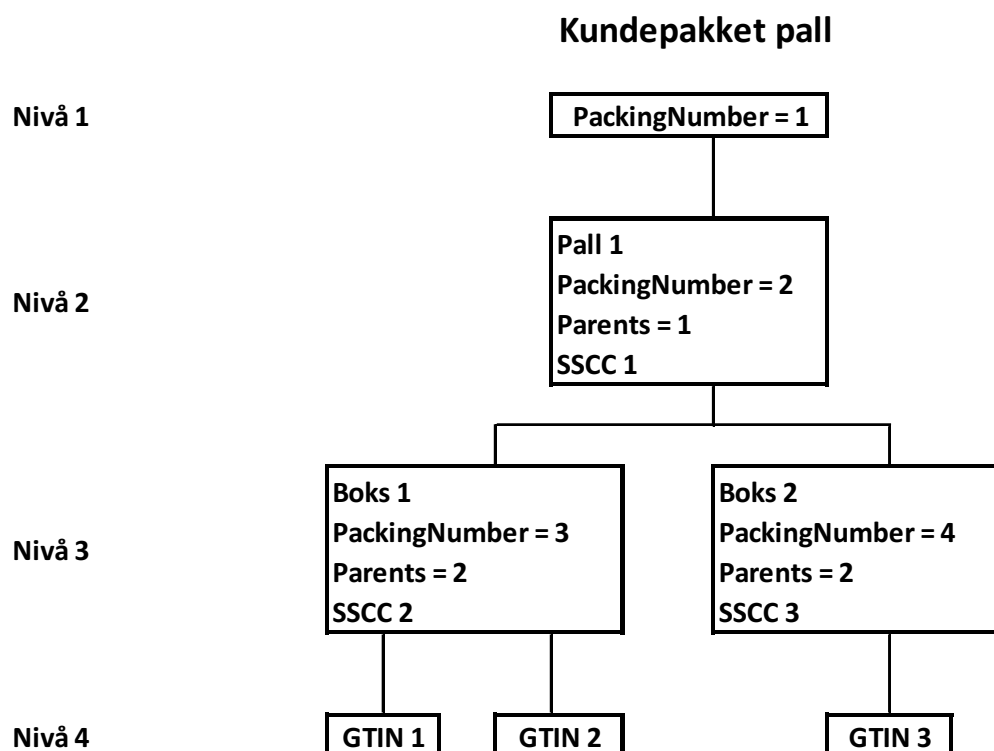
```
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- PROMOTIONAL UNIT 3 -->
  </DeliveryNotePackages>
  <BaseItemDetails>
    <!-- GTIN 2 -->
  </BaseItemDetails>
</DeliveryNoteDetails>
<DeliveryNoteDetails>
  <DeliveryNotePackages>
    <!-- PROMOTIONAL UNIT 4 -->
  </DeliveryNotePackages>
  <BaseItemDetails>
    <!-- GTIN 2 -->
  </BaseItemDetails>
</DeliveryNoteDetails>
....
```

Level 4 (Nivå 4 in Norwegian)

Example Customer packed pallet (Kundepakket pall in Norwegian)

The delivery is specified with information on what is on each pallet and in boxes on the underlying level.

The delivery consists of 1 pallet containing 2 boxes. In Box 1 there are 2 different GTINs, while in Box 2 there are 1 GTIN. Both pallet and boxes are identified and labelled with SSCC.



```
.....  
<DeliveryNoteDetails>  
  <DeliveryNotePackages>  
    <!-- TOP LEVEL -->  
  </DeliveryNotePackages>  
</DeliveryNoteDetails>  
<DeliveryNoteDetails>  
  <DeliveryNotePackages>  
    <!-- PALLET 1 -->  
  </DeliveryNotePackages>  
</DeliveryNoteDetails>  
<DeliveryNoteDetails>  
  <DeliveryNotePackages>  
    <!-- Box 1 -->  
  </DeliveryNotePackages>  
    <BaseItemDetails>  
      <!-- GTIN 1 -->  
    </BaseItemDetails>  
    <BaseItemDetails>  
      <!-- GTIN 2 -->  
    </BaseItemDetails>  
</DeliveryNoteDetails>  
</DeliveryNoteDetails>
```

```

<DeliveryNotePackages>
  <!-- Box 2 -->
</DeliveryNotePackages>
<BaseItemDetails>
  <!-- GTIN 3 -->
</BaseItemDetails>
</Delivery Note Details>

```

....

7.3 Valid Packaging Types

For each pallet, a Packaging Type must be specified.

The table below specifies active codes agreed upon by the industry. If more codes are needed, a request must be sent to support@stand.no, who will inform the parties about this. New codes must not be used until approved by STAND.

Z-codes are local codes that are not found in the international tables, agreed upon by the industry.

PackagingTypeCode	Code	Despatch Advice
(Approved) 1/1 EUR wooden pallet 80 x 120 cm	201	X
(Agreed bilaterally) ½ wooden pallet 80 x 60 cm (included in the pallet exchange pool)	200	X
(Agreed bilaterally) 1/3 cardboard pallet 40 X 80 cm	Z05	X
(Agreed bilaterally) ½ cardboard pallet 60 X 80 cm	Z06	X
(Agreed bilaterally) ¼ plastic pallet 40 X 60 cm	Z04	X
(Approved) 1/1 plastic pallet 80 x 120 cm	205	X
(Approved) ½ plastic pallet 60 X 80 cm	Z03	X
(Approved) 1/3 plastic pallet 40 x 80 cm	ZZ4	X
1/1 EUR pallet 100 x 120 cm	202	X
(Not in EPD Database. Not used?) ¼ EUR pallet 60 x 40 cm	203	X
1/8 EUR pallet 40 x 30 cm	204	X
Other type of pallet from the distributor	210	X
Pallet 80 x 100 cm	211	X
Pallet 60 x 100 cm	212	X
Bison pallet 110 x 130 x 86 cm (cage without wheels)	CG	X
(Not in EPD Database. Not used?) CONTAINER FOR PALLETS	ZZ2	X
CHEP-PALLET 80 x 120 cm	ZZ3	X
Rolling container distributor	CW	X
Rolling container dairy	Z01	X
Rolling container egg	Z02	X

7.4 Additional Line items (valid only for Crossdock deliveries)

Additional line items must be specified the following way:

Product information is usually specified in *BaseItemDetails*. In order to specifically state that this is an additional line item, *AdditionalOrderLines* must be used. Reference is made to the original order, and a fixed value 9999 must be specified in *LineNum*.

One or more additional line items can be specified.

If there are multiple original orders, one of the order numbers must be selected as reference.

7.5 Message table Despatch Advice

Element	Requirement	Description and valid codes	Type
Interchange	..	Interchange	
Envelope	O 0..1	Envelope	
InterchangeId	M 1..1	Unique identification of the interchange	xs:string
From	M 1..1	GLN to the sender	xs:string
To	M 1..1	GLN to the recipient	xs:string
Date	M 1..1	Date of the interchange	xs:date
NumberOfMessages	O 0..1	Number of messages in the interchange	xs:integer
TestIndicator	O 0..1	Must be specified with value = 1 if the interchange is a test	xs:integer
		Valid codes:	
		1 = Test	
DeliveryNote	M 1..unbounded	Despatch Advice	
MessageOwner	M ..	= GSINOR	xs:string
MessageType	M ..	= DELIVERYNOTE	xs:string
MessageVersion	M ..	= STAND013 v1.0	xs:string
MessageNumber	O 0..1	Unique number that identifies the message within an exchange	xs:string
MessageTimestamp	M 1..1	Message Date (YYYY-MM-DDTHH:MM:SS)	xs:datetime
DeliveryNoteHeader	M 1..1	Despatch Advice Header	
DeliveryNoteType	M 1..1	Message type	restriction (xsd:string)
		Valid codes:	
		351 = Despatch Advice	
DeliveryNoteNumber	M 1..1	Package identification number issued by the supplier	String_35
DeliveryDate	M 1..1	Confirmed delivery date / time	
DateCode	O 0..1	Code of time indication	restriction (xsd:string)
		Valid codes:	
		69 = Confirmed delivery time	
Date	M 1..1	Date (YYYY-MM-DD)	xs:date
Time	O 0..1	Time (HH:MM:SS)	xs:time
Supplier	M 1..1	Identification of the Supplier (SU)	
LocationId	M 1..1	GLN	xs:string
ContactPerson	O 0..unbounded	Contact information	
Name	M 1..1	Contact Name	String_35
Department	O 0..1	Department	
Code	O 0..1	Code for the Department	xs:string
		Valid codes:	
		AD = Customer contact in general	
		OC = Order Contact	
		PD = Purchase contact	

DepartmentText	M 1..1		xs:string
OrgNumber	M 1..1	Organization number	String_9
VatId	O 0..1	VAT No	String_14
Buyer	M 1..1	Identification of Buyer (BY)	
LocationId	M 1..1	GLN	xs:string
VatId	O 0..1	VAT No	String_14
Invoicee	O 0..1	Identification of Invoice Receiver (IV)	
LocationId	M 1..1	GLN	xs:string
OrderedBy	O 0..1	Identification of Ordered By (OB)	
LocationId	M 1..1	GLN	xs:string
DeliveryPart	O 0..1	Identification of Delivery Party (DP)	
LocationId	M 1..1	GLN	xs:string
UltimateCustomer	O 0..1	Identification of Ultimate Customer (UD)	
LocationId	M 1..1	GLN	xs:string
ShippedFrom	O 0..1	Identification of Shipped From (SF)	
LocationId	M 1..1	GLN	xs:string
Carrier	O 0..1	Identification of Carrier (CA)	
LocationId	M 1..1	GLN	xs:string
References	O 0..1	References	
BuyersOrderNumber	O 0..1	Buyer Order Number (ON)	String_17
SuppliersOrderNumber	O 0..1	Supplier Order Number (VN)	String_17
ConsignmentNumber	O 0..1	Shipping Number (CRM). Used in conjunction with TakeCargo	String_17
CarrierDetails	O 0..1	Information about pallets and pallet footprints. Agreed bilaterally if this is to be used.	
CarrierSpecification	O 0..unbounded	Specification of pallets included in the pallet exchange pool. Repeated for each pallet type	
Identification	O 0..1	GTIN	String_14
Measurement	O 0..1		
ValueType	O 0..1	= CT	String_3
Quantity	O 0..1	Quantity	xs:decimal
UnitOfMeasure	O 0..1	= PCE	xs:string
PalletPlaces	O 0..1	Specification of pallet footprints. To be understood as the space the delivery occupies in the car.	
Measurement	O 0..1		
ValueType	O 0..1	= CT	String_3
Quantity	O 0..1	Quantity	xs:decimal
UnitOfMeasure	O 0..1	= PCE	xs:string
DeliveryNoteDetails	M 1..unbounded	Despatch Advice Details	

	DeliveryNotePackages	O 0 .. 1	Packaging Information	
	PackingSequence	M 1 .. 1	Packing Sequence	
	PackingNumber	M 1 .. 1	Package number in package hierarchy	String_3
	Parents	O 0 .. 1	Reference tot the parent in the packaging hierarchy	String_3
	PackingInfo	M 1 .. 1	Packaging information (about pallets)	
	NumberOfPackages	M 1 .. 1	Number of packages	xs:integer
	MixedBench	O 0 .. 1	= BLANDINGSPALL, or other description of the package.	xs:string
	PackingInformationCode	M 1 .. 1	Code information on package.	xs:string
			Valid codes:	
			52 = Barcoded GS1-128	
	PackingTypeCode	M 1 .. 1	Packaging Type	xs:string
			Valid codes:	
			See chapter 8.3 for description	
			200	
			201	
			202	
			203	
			204	
			205	
			210	
			211	
			212	
			CG	
			CW	
			Z01	
			Z02	
			Z03	
			Z04	
			Z05	
			Z06	
			ZZ2	
			ZZ3	
			ZZ4	
	Measurements	O 0 .. unbounded	Dimensions / weight of packaging	
	MeasurementDimension	M 1 .. 1	Dimensions	String_3
			Valid codes:	
			AAD = Total gross weight	
			HT = Height incl. Packaging	
			LN = Length incl. Packaging	

			Valid codes: SW = Max top load WD = Width incl. Packaging	
	MeasurementType	O 0..1	Measurement type	String_3
			Valid codes: 3 = Approximate measures 4 = Accurate measures	
	MeasurementUnit	M 1..1	Measure	String_3
			Valid codes: CMT = Centimetre KGM = Kilo LTR = Litre	
	MeasurementValue	M 1..1	Measuring	xs:string
	Handling	O 0..1	Handling Instructions	
	HandlingCode	M 1..1	Handling	String_3
			Valid codes: CRU = Crushable EAT = Food FTD = Frost risk OHG = Overhang STR = Limitedly stable TRD = Valid if Cossdock delivery UST = Do not stack	
	HandlingInstruction	O 0..1	Handling Instructions	xs:string
	TemperatureRequirement	O 0..1	Temperature requirements	String_3
			Valid codes: 42 = Not dependent of temperature 43 = Store cool 44 = Store frozen 45 = Store under temperature control	
	HazardousGoods	O 0..1	Code	String_3
			Valid codes: ADR = International classification HMT = Text according to standard of dangerous products	
	ParcelLabel	M 1..1	Labelling instructions	
	LabelInstruction	M 1..1	Labelling Instructions	String_3
			Valid codes: 33E = SSCC	
	ParcelIdentification	M 1..unbounded	Packaging Identification (SSCC)	

NumberTypeCode	M 1 .. 1	Code for number type	String_3
Valid codes:			
BJ = SSCC code			
IdentFrom	M 1 .. 1	Identification of unit	String_35
BaseItemDetails	M 1 .. unbounded	The line item information	
LineItemNum	M 1 .. 1	Line number. Sequential number starting with 1.	xs:integer
ProductIdentification	M 1 .. 1	Product identification	
SuppliersProductId	O 0 .. 1	Supplier product number	String_14
BuyersProductId	O 0 .. 1	Buyer product number	String_14
GTIN	O 0 .. 1	GTIN	String_14
SubstitutedFor	O 0 .. 1	Original Product Identificationas specified in the Order. Valid only for Crossdock deliveries. Bilatal agreement is needed.	
SuppliersProductId	O 0 .. 1	Supplier product number	String_14
BuyersProductId	O 0 .. 1	Buyer product number	String_14
GTIN	O 0 .. 1	GTIN	String_14
PackageUnitType	O 0 .. 1	Packaging Level. Must be specified when GTIN is not specified.	String_3
Valid codes:			
CU = Consumer Unit			
DU = Distribution Unit			
TU = Stock Keeping Unit (SKU)			
Description	O 0 .. 1	Item Description. Must be specified if GTIN is missing	xs:string
Quantities	M 1 .. 1	Quantity	
DeliveredQuantity	M 1 .. 1	Delivered quantity	
QuantityType	O 0 .. 1	Quantity Type	String_3
Valid codes:			
12 = Quantity delivered			
Quantity	M 1 .. 1	Quantity	Decimal_8
QuantityUnit	O 0 .. 1	Unit	String_3
Valid codes:			
PCE = Piece			
AdditionalQuantity	O 0 .. 1	Invoiced quantity. Must be specified for variable quantity product	
QuantityType	M 1 .. 1	Quantity Type	String_3
Valid codes:			
47 = Invoiced quantity			
Quantity	M 1 .. 1	Quantity	Decimal_8
QuantityUnit	O 0 .. 1	Unit	String_3
Valid codes:			
KGM = Kilo			

			Valid codes: LTR = Litre MTQ = Cubic metre MTR = Metre
	BuyersOrderInfo	O 0..1	Ordered quantity. Can be used for Order Type 220 = Normal Order, if distribution form = Distribution directly to Retailer, and Order Confirmation is not used. Use must be agreed bilaterally.
	— UnitOfMeasure	O 0..1	Unit Code Valid codes: KGM = Kilo LTR = Litre MTR = Metre PCE = Piece String_3
	— Quantity	O 0..1	Quantity Decimal_8
	— LineNum	O 0..1	Line number String_6
	— OrderNumber	O 0..1	Order number String_17
	AdditionalOrderLines	O 0..1	Valid only for Crossdock deliveries. Use must be agreed bilaterally.
	— UnitOfMeasure	O 0..1	Unit Must be spevified for variable quantity product. Valid codes: KGM = Kilo LTR = Litre MTR = Metre PCE = Pieces xs:string
	— Quantity	O 0..1	Ordered quantity xs:decimal
	— LineNum	O 0..1	Line number. Fixed value = 9999. xs:string
	— OrderNumber	O 0..1	Buyer Order Number (ON) xs:string
	SuppliersOrderInfo	O 0..1	Additional information from supplier
	— UnitOfMeasure	O 0..1	Unit Code Valid codes: KGM = Kilo LTR = Litre MTR = Metre PCE = Piece String_3
	— Quantity	O 0..1	Quantity Decimal_8
	— LineNum	O 0..1	Line number String_6
	— OrderNumber	O 0..1	Order Number Provider String_17
	— UltimateDeliveryLocation	O 0..1	GLN for Ultimate Customer for Crossdock deliveries (for Customer packed pallets). xs:string
	— Ref	O 0..unbounded	Other references
	— Code	O 0..1	VQ = Variable quantity product xs:string

			Valid codes:
			59 = Number of Consumer Units (CU) in a Stock Keeping Unit (SKU)
			VQ = Variable quantity product. Must be specified for variable quantity product.
			xs:string
			Number of Consumer Units (CU) in a Stock Keeping Unit (SKU) (if code 59 is specified in variable quantity product code).
			xs:string
			VQ = Variable quantity product (if code VQ is specified in Variable weight code)
			Dates related to production / shelf life
			Production date (94)
			ProductionDate
			O 0 .. 1
			Date
			M 1 .. 1
			Date (YYYY-MM-DD)
			xs:date
			Time
			O 0 .. 1
			Time (HH: MM: SS)
			xs:time
			Use before / Last consumption / Expired / Durable (Z17)
			OutOfDate
			O 0 .. 1
			Date
			M 1 .. 1
			Date (YYYY-MM-DD)
			xs:date
			Time
			O 0 .. 1
			Time (HH: MM: SS)
			xs:time
			Best before / last selling date (Z15)
			BestBeforeDate
			O 0 .. 1
			Date
			M 1 .. 1
			Date (YYYY-MM-DD)
			xs:date
			Time
			O 0 .. 1
			Time (HH: MM: SS)
			xs:time
			BatchNumber
			O 0 .. 1
			Batch/lot number. If multiple batch/lot numbers occur, the entire line item must be specified for each batch / lot number.
			xs:string
			DeliveryNoteSummary
			M 1 .. 1
			Despatch Advice control
			NumberOfLineItems
			M 1 .. 1
			Number of line items
			Decimal_6

7.6 Example Despatch Advice

Since Despatch Advice can be more complicated to implement as compared to the other EDI messages, the industry has agreed to exemplify level 3 and 4 of the Despatch Advice. However, it is not possible to document all different combination of deliveries that may occur. The examples are therefore limited to what is the minimum information to be sent.

For the examples to not be too extensive, the following assumptions has been made:

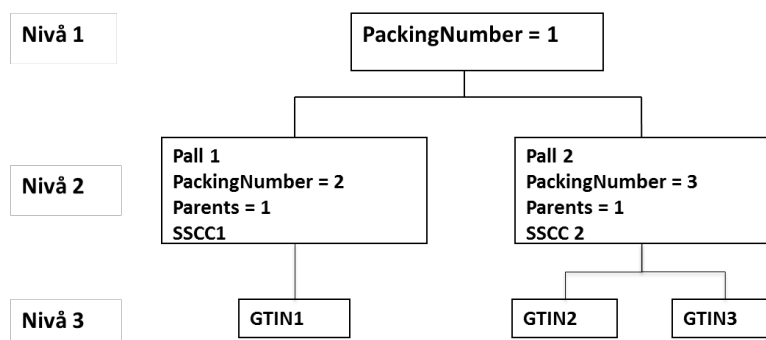
- Only products with fixed weight is included. For variable quantity products, the DETAIL section must also include *Ref/Code* = VQ and *Ref/Text* = VQ.
- The examples do not include replacement products and additional line items. This is part of the standard if bilaterally agreed, for Customer-packed pallets in Crossdock deliveries
- GTIN is used as the only identification of the articles
- All GTIN and GLN used in the examples are fictional
- ENVELOPE, HEADER section and SUMMARY section are common to all examples and documented only once

Example of ENVELOPE	Description
<pre><Interchange xmlns="http://www.ean-nor.no/schemas/eannor" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="GS1_Order_Interchange_v1p0.xsd"></pre>	The interchange segment is the start of the message. It contains attributes for Namespace and XML Schema.
<pre><Envelope> <InterchangeId>201301</InterchangeId> <From>7080000083121</From> <To>7080000043217</To> <Date>2013-12-15 </Date> </Envelope></pre>	201301 : Unique ID for the exchange 7080000083121 : GLN to the sender 7080000043217 : GLN to the recipient 2013-12-15 : Date when the message was sent

Example of HEADER section	Description
<pre> <DeliveryNote> <MessageOwner>GS1NOR</MessageOwner> <MessageType>DELIVERYNOTE</MessageType> <MessageVersion>STAND013 v.1.0</MessageVersion> <MessageTimestamp>2013-12-15T08:00:00</MessageTimestamp> </pre>	DeliveryNote is the starting point for the Despatch Advice and contains information about the message owner, message type and version, as well as message date/time
<pre> <DeliveryNoteHeader> <DeliveryNoteType>351</DeliveryNoteType> <DeliveryNoteNumber>1</DeliveryNoteNumber> <DeliveryDate> <Date>2013-12-15</Date> </DeliveryDate> </pre>	351: Code for Despatch Advice 1: Despatch Advice number 2013-12-15: Delivery/pickup date
<pre> <Supplier> <LocationId>7080000083121</LocationId> <OrgNumber>987654321</OrgNumber> </Supplier> </pre>	7080000083121: GLN to supplier 987654321: Org number to supplier
<pre> <Buyer> <LocationId>7080000043217</LocationId> </Buyer> </pre>	7080000043217: GLN to buyer

Example of SUMMARY section	Description
<pre> <DeliveryNoteSummary> <NumberOfLineItems>3</NumberOfLineItems> </DeliveryNoteSummary> </pre>	3: Number of line items (BaseItemDetails) in the message

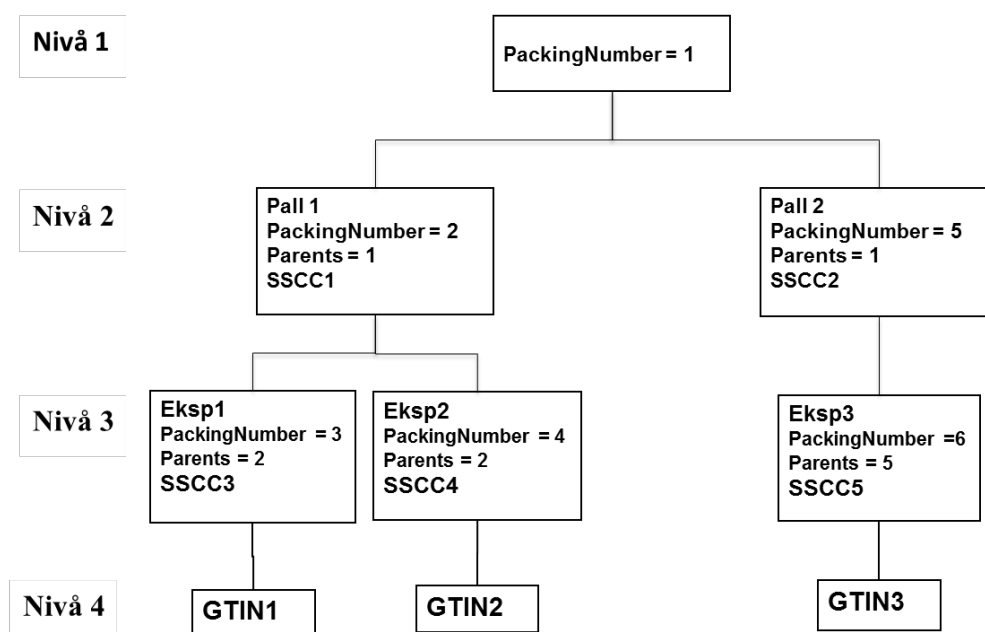
Example Level 3, Standard pallet and Mixed pallet



DETAIL section Level 3	Description
<code><DeliveryNoteDetails></code> <code><DeliveryNotePackages></code> <code><PackingSequence></code> <code><PackingNumber>1</PackingNumber></code> <code></PackingSequence></code> <code></DeliveryNotePackages></code> <code></DeliveryNoteDetails></code> <code><DeliveryNoteDetails></code> <code><DeliveryNotePackages></code> <code><PackingSequence></code> <code><PackingNumber>2</PackingNumber></code> <code><Parents>1</Parents></code> <code><PackingLevel>2</PackingLevel></code> <code></PackingSequence></code> <code><PackingInfo></code> <code><NumberOfPackages>1</NumberOfPackages></code> <code><PackingInformationCode>52</PackingInformationCode></code> <code><PackingTypeCode>201</PackingTypeCode></code> <code></PackingInfo></code> <code><ParcelLabel></code> <code><LabelInstruction>33E</LabelInstruction></code> <code></ParcelLabel></code> <code><ParcelIdentification></code> <code><NumberTypeCode>BJ</NumberTypeCode></code> <code><IdentFrom>370325200000000189</IdentFrom></code> <code></ParcelIdentification></code> <code></DeliveryNotePackages></code> <code><BaseltemDetails></code> <code><LineItemNum>1</LineItemNum></code> <code><ProductIdentification></code> <code><GTIN>1435467891123</GTIN></code> <code></ProductIdentification></code> <code><Quantities></code>	LEVEL 1: TOP LEVEL 1: Sequential package number for pallets LEVEL 2: PALLET 1 2: Sequential package number for pallets 1: Package no. To upper level 2: Packaging types 1: Number of packages 52: Barcoded GS1-128 201: 1/1 EUR wooden pallet 33E: SSCC is used BJ: Indicates that the following code is SSCC 370325200000000189: SSCC LEVEL 3: CONTENT OF PALLET 1 1: Sequential numbering of the line items 1435467891123: GTIN on the product

DETAIL section Level 3	Description
<pre> <DeliveredQuantity> <Quantity>14</Quantity> </DeliveredQuantity> </Quantities> </BaseItemDetails> </DeliveryNoteDetails> <DeliveryNoteDetails> <DeliveryNotePackages> <PackingSequence> <PackingNumber>3</PackingNumber> <Parents>1</Parents> </PackingSequence> <PackingInfo> <NumberOfPackages>1</NumberOfPackages> <PackingInformationCode>52</PackingInformationCode> <PackingTypeCode>201</ PackingTypeCode> </PackingInfo> <ParcelLabel> <LabelInstruction>33E</LabelInstruction> </ParcelLabel> <ParcelIdentification> <NumberTypeCode>BJ</NumberTypeCode> <IdentFrom>370325200000000196</IdentFrom> </ParcelIdentification> </DeliveryNotePackages> <BaseItemDetails> <LineItemNum>2</LineItemNum> <ProductIdentification> <GTIN>1234567891123</GTIN> </ProductIdentification> <Quantities> <DeliveredQuantity> <Quantity>4</Quantity> </DeliveredQuantity> </Quantities> </BaseItemDetails> <BaseItemDetails> <LineItemNum>3</LineItemNum> <ProductIdentification> <GTIN>1234567891123</GTIN> </ProductIdentification> <Quantities> <DeliveredQuantity> <Quantity>10</Quantity> </DeliveredQuantity> </Quantities> </DeliveryNotePackages> </DeliveryNoteDetails> </pre>	<p>14: Delivered quantity</p> <p>LEVEL 2: PALLET 2</p> <p>3: Sequential package number for pallets 1: Reference to parent 1: Number of packages</p> <p>52: Barkodet GS1-128 201: 1/1 EUR wooden pallet</p> <p>33E: SSCC is used</p> <p>BJ: Indicates that the following code is SSCC 370325200000000196: SSCC</p> <p>LEVEL 3: PRODUCT 1 ON PALLET 2 2: Sequential numbering of the line items GTIN: 1234567891123</p> <p>4: Quantity</p> <p>LEVEL 3: PRODUCT 2 ON PALLET 2 3: Sequential numbering of the line items GTIN: 1234567891123</p> <p>10: Quantity</p>

Example Level 4, Promotional Unit



Only pallet 1 (Pall 1) is described in the Detail section

DETAIL section Level 4	Description
<pre> <DeliveryNoteDetails> <DeliveryNotePackages> <PackingSequence> <PackingNumber>1</PackingNumber> </PackingSequence> </DeliveryNotePackages> </DeliveryNoteDetails> <DeliveryNoteDetails> <DeliveryNotePackages> <PackingSequence> <PackingNumber>2</PackingNumber> <Parents>1</Parents> <PackingLevel>2</PackingLevel> </PackingSequence> <PackingInfo> <NumberOfPackages>1</NumberOfPackages> <PackingInformationCode>52</PackingInformationCode> <PackingTypeCode>201</PackingTypeCode> </PackingInfo> <ParcelLabel> <LabelInstruction>33E</LabelInstruction> </ParcelLabel> </DeliveryNotePackages> </DeliveryNoteDetails> </pre>	<p>LEVEL 1: TOP LEVEL</p> <p>1: Sequential packing number for pallets</p> <p>LEVEL 2: PALLET 1</p> <p>2: Sequential package number for pallets</p> <p>1: Reference to parent</p> <p>2: Packaging types</p> <p>1: Number of packages of this type</p> <p>52: Barcoded GS1-128</p> <p>201: 1/1 EUR wooden pallet with dim. 80 x 120 cm</p> <p>33E: SSCC is used</p>

DETAIL section Level 4	Description
<pre> </ParcelLabel> <ParcelIdentification> <NumberTypeCode>BJ</NumberTypeCode> <IdentFrom>370376107135526215</IdentFrom> </ParcelIdentification> </DeliveryNotePackages> </DeliveryNoteDetails> <DeliveryNoteDetails> <DeliveryNotePackages> <PackingSequence> <PackingNumber>3</PackingNumber> <Parents>2</Parents> <PackingLevel>3</PackingLevel> </PackingSequence> <PackingInfo> <NumberOfPackages>1</NumberOfPackages> <PackingInformationCode>52</PackingInformationCode> <PackingTypeCode>200</PackingTypeCode> </PackingInfo> <ParcelLabel> <LabelInstruction>33E</LabelInstruction> </ParcelLabel> <ParcelIdentification> <NumberTypeCode>BJ</NumberTypeCode> <IdentFrom>370376107135525911</IdentFrom> </ParcelIdentification> </DeliveryNotePackages> <BaseltemDetails> <LineItemNum>1</LineItemNum> <ProductIdentification> <SuppliersProductId>143546</SuppliersProductId> <AdditionalProductId> <Code>GTIN</Code> <Text>07032520000010</Text> </AdditionalProductId> </ProductIdentification> <PackageUnitType>TU</PackageUnitType> <Description>WHEAT FLOUR</Description> <Quantities> <DeliveredQuantity> <QuantityType>12</QuantityType> <Quantity>14</Quantity> <QuantityUnit>PCE</QuantityUnit> </DeliveredQuantity> </pre>	<p>BJ: Indicates that the following code is SSCC 370376107135526215: SSCC</p> <p>LEVEL 3: Promotional Unit 1</p> <p>3: Continuous packing number for pallets 2: Reference to parent 3: Packaging types</p> <p>1: Number of packages of this type</p> <p>52: Barkodet GS1-128</p> <p>200: 1/2 EUR pallet with dim. 80 x 60 cm</p> <p>33E: SSCC is used</p> <p>BJ: Indicates that the following code is SSCC 370376107135525911: SSCC</p> <p>LEVEL 4: Content in Promional Unit 1</p> <p>1: Sequential numbering of line items</p> <p>143546: Supplier article number</p> <p>GTIN: Indicates that the following item identifier is GTIN 07032520000010: Article Number (GTIN) TU: Stock Keeping Unit (SKU) WHEAT FLOUR: Item Description</p> <p>12: Code for quantity delivered 14: Delivered quantity</p> <p>PCE: Unit Code</p>

DETAIL section Level 4	Description
<pre> </Quantities> <BuyersOrderInfo> <UnitOfMeasure>PCE</UnitOfMeasure> <Quantity>24</Quantity> <LineNum>1</LineNum> <OrderNumber>123</OrderNumber> </BuyersOrderInfo> <Ref> <Code>59</Code> <Text>6</Text> </Ref> </BaselItemDetails> </DeliveryNoteDetails> <DeliveryNoteDetails> <DeliveryNotePackages> <PackingSequence> <PackingNumber>4</PackingNumber> <Parents>2</Parents> <PackingLevel>3</PackingLevel> </PackingSequence> <PackingInfo> <NumberOfPackages>1</NumberOfPackages> <PackingInformationCode>52</PackingInformationCode> <PackingTypeCode>200</PackingTypeCode> </PackingInfo> <ParcelLabel> <LabelInstruction>33E</LabelInstruction> </ParcelLabel> <ParcelIdentification> <NumberTypeCode>BJ</NumberTypeCode> <IdentFrom>370325200000000196</IdentFrom> </ParcelIdentification> </DeliveryNotePackages> <BaselItemDetails> <LineItemNum>2</LineItemNum> <ProductIdentification> <SuppliersProductId>123456</SuppliersProductId> <AdditionalProductId> <Code>GTIN</Code> <Text>070325200000027</Text> </AdditionalProductId> </ProductIdentification> <PackageUnitType>TU</PackageUnitType> <Description>SYRUP</Description> <Quantities> <DeliveredQuantity> <QuantityType>12</QuantityType> <Quantity>4</Quantity> </pre>	<p>PCE: Unit code from the order 24: Ordered quantity 1: Line Item Number 123: Customer Order Number</p> <p>59: Code saying following quantity is number of Consumer Units in the Stock Keeping Unit (SKU) 6: Number of Consumer Units (CU) in the Stock Keeping Unit (SKU)</p> <p>LEVEL 3: Promotional Unit 2</p> <p>4: Sequential packing number for pallets 2: Reference to parent 3: Packaging types</p> <p>1: Number of packages on pallet 1</p> <p>52: Bar coded GS1-128</p> <p>200: 1/2 EUR pallet with dim. 80 x 60 cm</p> <p>33E: SSCC is used</p> <p>BJ: Indicates that the following code is SSCC 370325200000000196: SSCC</p> <p>LEVEL 4: Content Promotional Unit 2</p> <p>2: Sequential numbering of the line items</p> <p>123456: Supplier article number</p> <p>GTIN: Indicates that the following item identifier is GTIN 070325200000027: Article Number (GTIN) TU: Stock Keeping Unit (SKU) SYRUP: Item Description</p> <p>12: Code which means Number delivered</p>

DETAIL section Level 4	Description
<pre> <QuantityUnit>PCE</QuantityUnit> </DeliveredQuantity> </Quantities> <BuyersOrderInfo> <UnitOfMeasure>PCE</UnitOfMeasure> <Quantity>4</Quantity> <LineNum>2</LineNum> <OrderNumber>123</OrderNumber> </BuyersOrderInfo> <Ref> <Code>59</Code> <Text>24</Text> </Ref> <DeliveryDates> <BestBeforeDate> <Date>2014-05-01</Date> </BestBeforeDate> </DeliveryDates> <BatchNumber>12345XF</BatchNumber> </BaseItemDetails> </DeliveryNoteDetails> </pre>	<p>4: Number PCE: Unit Code</p> <p>PCE: Unit code from the order 4: Ordered quantity 2: Line Item Number 123: Customer Order Number</p> <p>59: Code saying following quantity is number of Consumer Units in the Stock Keeping Unit (SKU) 24: Number of Consumer Units (CU) in the Stock Keeping Unit (SKU) 2014-05-01: Best before date</p> <p>12345XF: Batch/lot number</p>

8. Invoice

Although the format allows the use of cumulative invoices, the industry has decided that collective invoices will not be used.

An invoice should only include delivery for one Order.

When using EXW, an invoice should only include products delivered from one warehouse.

One credit note should only refer to one invoice, which enables references to Order, Despatch Advice or a previous Invoice to be specified in HEADER section.

The invoice total (and credit note) should always be positive. Codes used in the message must reflect this.

8.1 Charges and Allowances on the Invoice

- It is in HEADER section possible to specify allowances/charges that apply to the entire invoice. However, it is recommended that the allowances/charges are specified on the line item level instead
- Some charges, like fee for "late pickup" cannot be specified for the goods invoice, but must be specified on a separate invoice
- Recommended codes for charges and allowances are specified in the table below. The ZZZ code is a special Norwegian code meaning the *Total allowance or charge* for the specified line item.

It is recommended to use **either** ZZZ **or** a specification of allowances/charges. If both methods are being used, this must be taken into account when calculating the figures, so that allowances and charges are not calculated twice

Recommended codes

CODE	DESCRIPTION
Allowances	
PAD	Promotional allowance
PAR	Partner discount/customer discount Retailer chain discount Activity discount
DAE	Distributor discount/allowance
VAB	Volume discount based on the amount of purchase Value discount Functional discount Cashier discount
TD	Commission discount
PDE	Pallet discount
PI	Pickup allowance
OTE	General deductions
QD	Quantity discount related to the purchase of a specified quantity
LCA	Pallet layer discount
CAG	Buyer's deductions if invoices are being forwarded

DI	One off discount
WHE	Distributor discount (retailer/chain)
ZZZ	Total for all allowances - Must be agreed upon bilaterally, if used
Charges	
FC	Freight charge
IN	Insurance charge
RCH	Charge related to handling of returns
PC	Packing charge
BPE	Charge for "anbrekk" (normally Consumer Unit (CU))
ICE	Invoice charge
GAC	Warranty charge
SH	Rush order charge
Z01	Restart charge (newspaper)
ZZZ	Total for all charges - Must be agreed upon bilaterally, if used

8.2 Excises on the Invoice

In the invoice, a code AAB is used in the PRI segment to indicate the base price before allowances and charges. Excises are normally included in the base price. In these cases, excises are not specified at line level.

In some cases, it is necessary to indicate the base price excluding excises. For this, code AAB is used, but excises are now specified in the TAX / MOA segments at line level. In this case, the excise must be added to the total for the line. Hence, the general rule will be that the line total after allowances/charges will always include excises.

Importer or manufacturer of taxable products is by law obliged to pay excises on these products according to rules from the Customs and Excise Directorate (TAD).

If the excise is related to production quantity and not to sold (invoiced) quantity, there is no obligation to specify this excise in the invoice.

If the excise is related to the sold (invoiced) quantity, the excise must be specified in the invoice with the quantity, tax rate and tax value. There are some exceptions to this, where the excise is being calculated and paid based on sales statistics, provided the invoiced quantity can be linked to the sales statistics and verified for a certain period.

A copy of the invoice retained by the manufacturer/importer is normally used as documentation for the excise being paid.

For commercial transactions further down in the value chain, it is normally no obligation to pay excises, hence there are no obligation to specify any excises in the invoice. However, if there are cases where excises still have to be paid, the excise will be calculated based on the sold (invoiced) quantity.

Codes and descriptions for Excises.

Excise code	Description
EM	Packaging environmental excise. Additional to KF, KU, ACT, OL
EG	Packaging base excise. Additional to KF, KU, ACT, OL
BAT	Battery excise
RA	Radio / television excise
TBT	Tobacco excise (EDIFACT code)
LB	Unrecorded tapes and videotapes excise
KF	Non-carbonated non-alcoholic beverages excise
KU	Carbonated non-alcoholic beverages excise
MI	Mineral oil excise
MM	Mineral oil for motor vehicle (private use) excise
SM	Lubricating oil excise
BE	Petrol excise
KK	Coal and coke excise
BM	Outboard motors excise
SJ	Chocolate and confectionery excise
ACT	Liquor and wine excise (EDIFACT code)
OL	Beer excise

8.3 Valid Packaging Types

A packaging type of the ordered unit must be provided in the invoice.

The table below specifies active codes agreed upon by the industry. If more codes are needed, a request must be sent to support@stand.no, who will inform the parties about this. New codes must not be used until approved by STAND.

The ZZ1 code is a local Norwegian code agreed upon by the industry.

PackingTypeCode	Code	Invoice
SPRAY CAN, SPRAY BOTTLE (AEROSOL)	AE	X
PUMP BOTTLE	AT	X
DRUM, BARREL, WOODEN OR PLASTIC	BA	X
BUNDLE	BE	X
BAG, POUCH	BG	X
BUCKET, CAN, POT, PAIL	BJ	X
BLISTER PACK	BME	X
BOTTLE, FLASK, PLASTIC	BO	X
POLE, ROD, PIECES	BR	X
BOX, CUP and CUP with lid, PLASTIC	BX	X
CAN, BOX, METAL	CA	X
CARDBOARD CARRIER	CCE	X
CASE, BOX	CS	X
CARTON	CT	X
CUP and CUP with lid, PLASTIC	CU	X
PITCHER	CX	X
DISPLAY Unit, ASSORTED Stock Keeping Units (SKU)	DPE	X
DRUM, CAN for oil, etc.	DR	X
FOIL PACKED	FP	X
WICKER	HR	X
JAR, POT	JR	X
UNPACKED	NE	X
PACK	PK	X
TRAY	PU	X
COIL	RL	X
ROLL	RO	X
SACK	SA	X
SET	STE	X
PLATE, BLOCK	TAE	X
TUBE	TU	X
ATMOS PACKED	ZZ1	X

8.4 Structure Invoice

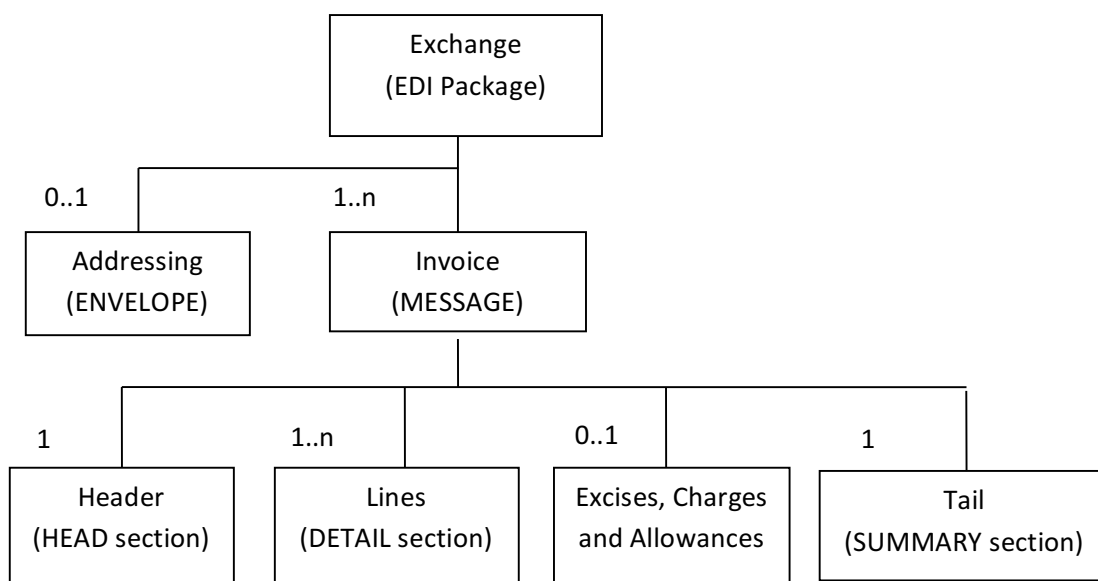
The following notation is used to define requirements for completion:

0..1 = Zero or an occurrence

1..n = One or many instances

0..n = Zero to many instances

An Invoice consists of:



8.5 Special conditions related to the Invoice

Excises

In the invoice, a code AAB is used in *PriceType* to specify the base price before allowances/charges/excises. This base price usually includes the excises. In these cases, excises are not specified at line level.

In some cases, it is necessary to specify base price excluding excises. For this, code AAB is used, but the excise is now specified within *TaxInfo* at line level. In this case, the excise must be added to the total for the line. The general rule will be that the line total after deductions and additions is always inclusive excises.

Calculation sequence for discounts

The calculation sequence is specified in the *CalculationSequence* segment.

8.6 Message table Invoice

Element	Requirement	Description and valid codes	Type
Interchange	M	Interchange	
— Envelope	O	Envelope	
— InterchangeId	M	Unique reference for this interchange	xsd: string 17
— From	M	GLN as a unique identifier of sender	xsd: string 17
— To	M	GLN as unique identifier of receiver	xsd: string 17
— Date	M	The date of interchange was generated	xsd: date
— Time	O	The time interchange was generated (HH: MM: SS)	xsd: time
— NumberOfMessages	O	Number of messages in this interchange	xsd: integer
— TestIndicator	O	Must be specified with value = 1 if the interchange contains test data.	xsd: integer
Invoice	M	Invoice Message	
— MessageOwner	M	= e2b	xsd: string 12
— MessageType	M	= Invoice.	xsd: string 8
— MessageVersion	M	= STAND013 v1.0	MessageVersionType 6
— MessageNumber	O	Unique number identifying the message within an interchange	xsd: string 14
— MessageTimestamp	M	Message date. Date and time when the message is generated. Format: yyyy-mm-DDThh: MM: SS	xsd: datetime
— NumberOfLines	O	Number of detail lines in the invoice	xsd: integer 5
— InvoiceContent	O	Type of invoice Valid codes: K = Cost Invoice T = Service Invoice V = Goods Invoice	InvoiceContentType 1
— LineOfBusiness	O	Type of business for which the invoice applies Valid codes: 1 = Card 2 = Travel 3 = Telekom 4 = Transportation 5 = Freight 9 = General merchandise	LineOfBusinessType 2
InvoiceHeader	M	Invoice Header	
— InvoiceType	M	Document Type. Valid codes: 380 = Invoice 381 = Credit Note	InvoiceTypeType 3
— InvoiceStatus	M	Document Status.	InvoiceStatusType 3

			Valid codes: 9 = Original 10 = Copy 53 = Test		
	— InvoiceNumber	M	Invoice or Credit Note number	xsd: string	17
	— InvoiceDate	M	Date of issue of the invoice, YYYY-MM-DD	xsd: date	
	— TaxTreatment	O	International Code for VAT Indication.	TaxTreatmentType	3
			Valid codes: NON = No fees		
	— DiscountTreatment	O	Discount handling.	DiscountTreatmentType	3
			Valid codes: UG = Gross Unit price at line level UN = Net Unit price at line level		
	— Supplier	M	Supplier Identification (SU) To show what type of information that is valid for a Party, this is described for the Supplier For other parties, only the relevant attributes recommended by STAND is specified.		
	— PartyId	O	Alternative identification number	IdentifierType	
	— LocationId	M	GLN	IdentifierType	13
	— Name	M	Name of company	xsd: string	35
	— ContactInformation	O	Contact information for the company		
	— PhoneNumber	O	Company Phone Number	xsd: string	35
	— FaxNumber	O	Company Fax Number	xsd: string	35
	— EmailAddress	O	Company Email Address	xsd: string	50
	— WebAddress	O	Company web address	xsd: string	100
	— StreetAddress	O	Street Address Information Either StreetAddress or PostalAddress must be entered		
	— Address1	M	Address field 1, street address / postal code	xsd: string	35
	— Address2	O	Address field 2	xsd: string	35
	— Address3	O	Address field 3	xsd: string	35
	— PostalCode	M	zip code	xsd: string	9
	— PostalDistrict	M	City	xsd: string	35
	— CountryCode	O	country code: 2 character code according to ISO 3166	xsd: string	3
	— PostalAddress	O	Street Address Information Either StreetAddress or PostalAddress must be specified		
	— Address1	M	Address field 1, street address / postal code	xsd: string	35
	— Address2	O	Address field 2	xsd: string	35
	— Address3	O	Address field 3	xsd: string	35
	— PostalCode	O	zip code	xsd: string	9

PostalDistrict	O	City	xsd: string	35
CountryCode	O	country code: 2 character code according to ISO 3166	xsd: string	3
ContactPerson	O	Contact		
Name	M	Contact Name: Recommended format: "Surname first name middle name"	xsd: string	35
FirstName	O	First name of contact: Recommended format: "First name Middle Name"	xsd: string	35
LastName	O	Surname of contact person	xsd: string	35
ContactInformation	O	Contact information for contact person		
PhoneNumber	O	Company Phone Number	xsd: string	35
FaxNumber	O	Company Fax Number	xsd: string	35
EmailAddress	O	Company Email Address	xsd: string	50
WebAddress	O	Company web address	xsd: string	100
Function	O	Contact person: Position, role	xsd: string	35
Department	O	Department of contact person	xsd: string	35
OrgNumber	O	Organization number. Required for Supplier (9 digits).	xsd: string	35
VatId	M	VAT number: Required for invoicing with VAT (14 characters). Field recommended to be used.	xsd: string	35
Department	O	Department within company	xsd: string	35
AccountInformation	O	Account Information: Information about accounts for national and international payment		
AccountNumber	O	Account number in bank	xsd: string	17
IbanNumber	O	Ibannummer for international trade	xsd: string	17
SwiftNumber	O	Swift number for international trade	xsd: string	17
ProjectRef	O	Project reference of the current actor	xsd: string	
Ref	O	General reference field with code		
Code	M	Code indicating type of reference	xsd: string	
Text	M	The actual reference number	xsd: string	
InvoiceIssuer	O	Can be specified if different from Supplier		
PartyId	O	Alternative identification number	IdentifierType	
LocationId	M	GLN	IdentifierType	13
Name	M	Name of company	xsd: string	35
PostalAddress	M	mailing address		
Address1	M	Address field 1, street address / postal code	xsd: string	35
PostalCode	M	zip code	xsd: string	9
PostalDistrict	M	City	xsd: string	35
CountryCode	O	country code: 2 character code according to ISO 3166	xsd: string	3
Buyer	M	Identification of buyer Have the same information attributes as Supplier		

			Below is normal use		
	PartyId	O	Alternative identification number	IdentifierType	
	LocationId	M	GLN	IdentifierType	13
	Name	M	Name of company	xsd: string	35
	PostalAddress	M	mailing address		
	Address1	M	Address field 1, street address / postal code	xsd: string	35
	PostalCode	M	zip code	xsd: string	9
	PostalDistrict	M	City	xsd: string	35
	CountryCode	O	country code: 2 character code according to ISO 3166	xsd: string	3
	ContactPerson	O	Contact		
	Name	M	Contact Name: Recommended format: "Surname first name middle name"	xsd: string	35
	Department	O	Department of contact person	xsd: string	35
	OrgNumber	O	organization number: Required for Supplier (9 digits). The field is recommended used.	xsd: string	35
	VatId	M	VAT number: Required for invoicing with VAT (14 characters). Field recommended to be used.	xsd: string	35
	Ref	O			
	Code	M	Code indicating type of reference	xsd: string	3
			Valid codes:		
			API = Additional Identification of the Party		
	Text	M	The actual reference number	xsd: string	6
	Invoicee	O	Identification of invoice receiver. (IV) Have the same information attributes as Supplier		
			Below is normal use		
	PartyId	O	Alternative identification number	IdentifierType	
	LocationId	M	GLN	IdentifierType	13
	Name	M	Name of company	xsd: string	35
	PostalAddress	M	mailing address		
	Address1	M	Address field 1, street address / postal code	xsd: string	35
	PostalCode	M	zip code	xsd: string	9
	PostalDistrict	M	City	xsd: string	35
	CountryCode	M	country code: 2 character code according to ISO 3166	xsd: string	3
	OrderedBy	O	Identification of Order (OB) if different from Buyer Have the same information attributes as Supplier		
			Below is normal use		
	PartyId	O	Alternative identification number	IdentifierType	
	LocationId	M	GLN	IdentifierType	13

—	Name	M	Name of company	xsd: string	35
—	PostalAddress	M	mailing address		
—	Address1	M	Address field 1, street address / postal code	xsd: string	35
—	PostalCode	M	zip code	xsd: string	9
—	PostalDistrict	M	City	xsd: string	35
—	CountryCode	O		xsd: string	
—	DeliveryPart	O	Identification of delivery point (DP) with street address Have the same information attributes as Supplier Below is normal use		
—	PartyId	O	Alternative identification number	IdentifierType	
—	LocationId	M	GLN	IdentifierType	13
—	Name	M	Name of company	xsd: string	35
—	StreetAddress	M	street Address		
—	Address1	M	Address field 1, street address / postal code	xsd: string	
—	PostalCode	M	zip code	xsd: string	
—	PostalDistrict	M	City	xsd: string	
—	CountryCode	O	country code: 2 character code according to ISO 3166	xsd: string	
—	UltimateCustomer	O	Identification of Final Studies (UD) Have the same information attributes as Supplier Below is normal use		
—	PartyId	O	Alternative identification number	IdentifierType	
—	LocationId	M	GLN	IdentifierType	13
—	Name	M	Name of company	xsd: string	35
—	PostalAddress	M	mailing address		
—	Address1	M	Address field 1, street address / postal code	xsd: string	35
—	PostalCode	M	zip code	xsd: string	9
—	PostalDistrict	M	City	xsd: string	35
—	CountryCode	O	country code: 2 character code according to ISO 3166	xsd: string	3
—	ShippedFrom	O	Identification of pick-up location) Have the same information attributes as Supplier Below is normal use		
—	PartyId	O	Alternative identification number	IdentifierType	
—	LocationId	M	GLN	IdentifierType	13
—	Name	M	Name of company	xsd: string	35
—	StreetAddress	M	street Address		
—	Address1	M	Address field 1, street address / postal code	xsd: string	35
—	PostalCode	M	zip code	xsd: string	9

PostalDistrict	M	City	xsd: string	35
CountryCode	O	country code: 2 character code according to ISO 3166	xsd: string	3
Factoring	O	Identification of Factoring Company (DL) Have the same information attributes as Supplier Below is normal use		
PartyId	O	Alternative identification number	IdentifierType	
LocationId	M	GLN	IdentifierType	13
Name	M	Name of company	xsd: string	35
PostalAddress	M	mailing address		
Address1	M	Address field 1, street address / postal code	xsd: string	35
PostalCode	M	zip code	xsd: string	9
PostalDistrict	M	City	xsd: string	35
CountryCode	O	country code: 2 character code according to ISO 3166	xsd: string	3
AccountInformation	O	Account Information: Information about accounts for national and international payment		
AccountNumber	O	Account number in bank	xsd: string	17
InvoiceReferences	O			
BuyersOrderNumber	O	Buyer Order Number (ON). Recommended used.	xsd: string	17
BuyersOrderDate	O	Buyer order date yyyy-mm-dd	xsd: date	
BuyersProjectCode	O	Reference to project at the buyer	xsd: string	17
InvoiceNumber	O	The invoice number referred to for credit (IV)	xsd: string	17
SuppliersOrderNumber	O	Supplier Order Number (VN)	xsd: string	17
DeliveryTerms	O	Terms of delivery in free text	xsd: string	70
DeliveryTermCode	O	Delivery terms indicated by INCOTERMS code	xsd: string	3
DeliveryTermPlace	O	Place to which delivery terms are attached	xsd: string	35
DeliveryNoteNum	O	Despatch Advice or Delivery note number (AAK)	xsd: string	17
DeliveryDate	O	Delivery date yyyy-mm-dd	xsd: date	
Payment	M	Payment Information		
DueDate	M	The date invoice is due for payment	xsd: date	
Currency	M	currency code: ISO Alpha Code (3 characters) ISO 4217	xsd: string	3
KidNumber	O	Kid number	xsd: string	25
PaymentTerms	O	payment terms: Free text	xsd: string	70
PaymentDiscount	O	cash discount		
DiscountPercent	M	Discount Percent:	xsd: decimal	4.4
DiscountDays	O	The number of days the discount applies from	xsd: decimal	3
OverDuePercent	O	Mora interests in percent	xsd: decimal	
Attachments	O	Attachments: Reference to file with attachment such as image file or	xsd: string	100

			tickets. May be more instances.		
	Ref	O	General reference field with code		
	Code	M	Code indicating type of reference	xsd: string	6
			Valid codes:		
			CR = customer Reference		
			SEQBUY = Sequence number of individual invoice per buyer		
			SEQNUM = Identify buyer associated with sequence number		
			SEQSUP = Identify supplier associated with sequence number		
	Text	M	The actual reference number	xsd: string	
	FreeText	O	text: For general information that can not be added to other fields.	xsd: string	100
	InvoiceDetails	M	invoice Lines		
	BaseItemDetails	M			
	SubInvoice	O	Here is information about a single order / invoice (SubInvoice) when Multi-order invoice (cumulative invoice) is used. Consists of head and line information pr. order.		
	LineItemNum	M	Line number on invoice. Continuous from issuer	xsd: string	6
	SuppliersProductId	O	= Supplier's item number (SA).	xsd: string	17
	Description	M	Description of Article / Product / Service	xsd: string	35
	BuyersProductId	O	Buyer Part Number (BP)	xsd: string	17
	AdditionalProductId	O	Additional Product Identification		
	Code	M	GTIN or EPD number.	xsd: string	4
			Valid codes:		
			EPD = Code for EPD number		
			GTIN = Global Trade Item Number, former EAN article number. Must be used in trade between distributor and supplier.		
	Text	M	Product number.	xsd: string	17
	UnitPrice	M	Unit price: Based on Price Type	xsd: decimal	11.4
	PriceType	M	Price Type.	Price Type Type	3
			Valid codes:		
			AAA = Net price		
			AAB = Gross price		
	PerQuantity	O	Quantity for which Unit price applies	xsd: decimal	5.4
	LineItemPreDiscountAmount	O	Line amount before fee / discount.	xsd: decimal	11.4
	LineItemAmount	M	Line amount after discounts	xsd: decimal	11.4
			Must be used to specify order / sub-invoice total before VAT on cumulative invoice		
	LineItemGrossAmount	M	Line Amount Including VAT.	xsd: decimal	11.4
			To be used to indicate order-share invoice total after VAT on cumulative invoice		

QuantityInvoiced	M	Invoiced quantity	xsd: decimal	11.4
UnitOfMeasure	M	Unit according to ISO standard 31	xsd: string	3
OrderInformation	O	Ordering Information: Information about the buyer's order.		
UnitOfMeasure	O	Measuring Unit for ordered quantity according to ISO 31	xsd: string	3
Quantity	O	Quantity ordered.	xsd: decimal	11.4
LineNum	O	Line number on the order.	xsd: string	6
DeliveryInformation	O	Shipping information: Information about the delivery.		
UnitOfMeasure	O	Measuring Unit for delivered quantity according to ISO 31	xsd: string	3
Quantity	O	Quantity delivered	xsd: decimal	11.4
LineNum	O	Line number on Despatch Advice	xsd: string	3
SuppliersOrderInformation	O	Supplier Order information: Information about supplier's internal order.		
LineNum	O	Line number on order	xsd: string	6
VatInfo	M	VAT specification		
VatPercent	M	VAT rate as a percentage	xsd: decimal	4.4
VatBaseAmount	M	Value added tax basis	xsd: decimal	11.4
VatAmount	M	VAT amount	xsd: decimal	11.4
TaxInfo	O	Possible specification of excise duty		
Code	M	For current codes, see Chapter 5 for Special Rates and Chapter 6 for other additions / discounts	xsd: string	3
Description	M	Description of fee	xsd: string	35
Percent	O	percentage	xsd: decimal	4.4
BaseAmount	O	Tax basis = Amount of tax base	xsd: decimal	11.4
Amount	M	excise Amount	xsd: decimal	11.4
Quantity	M	Estimated tax base = Quantity as a basis for tax reduction	xsd: decimal	11.4
UnitOfMeasure	O	Device according to ISO standard 31	xsd: string	3
RatePerUnit	O	tax rate	xsd: decimal	5.4
Discount	O	Any discounts on line level.		
Code	M	Deduction code (see table in Chapter 5)	xsd: string	3
Description	M	deductions description	xsd: string	35
Percent	O	Percentage. This or Amount must be entered when applicable.	xsd: decimal	4.4
BaseAmount	O	Calculation	xsd: decimal	11.4
Amount	O	DeductionAmount	xsd: decimal	11.4
Quantity	O	Quantity as basis	xsd: decimal	11.4
UnitOfMeasure	O	Device according to ISO standard 31	xsd: string	3
RatePerUnit	O	Deduction rate according to ISO standard 31	xsd: decimal	5.4
CalculationSequence	O	Specifies order for calculation of discounts	xsd: string	

Charges	O	Any add-on on line level.		
— Code	M	Additional code (see table in Chapter 6)	xsd: string	3
— Description	M	Additional Text	xsd: string	35
— Percent	O	Percentage. This or Amount must be entered.	xsd: decimal	4.4
— BaseAmount	O	Calculation	xsd: decimal	11.4
— Amount	O	Additional Amounts	xsd: decimal	11.4
— Quantity	O	Quantity as basis	xsd: decimal	11.4
— UnitOfMeasure	O	Device according to ISO standard 31	xsd: string	3
— RatePerUnit	O	Additional Bet	xsd: decimal	5.4
— CalculationSequence	O	Specifies order for calculation of discounts	xsd: string	
Licensee	O	The licensee: If this is another, a vendor / seller		
— PartyId	O	Alternative identification number	IdentifierType	
— LocationId	M	GLN	IdentifierType	13
— Name	M	Name of beneficiary	xsd: string	35
PostalAddress	M	Holder's address		
— Address1	M	Address field 1, street address / postal code	xsd: string	35
— PostalCode	O	zip code	xsd: string	9
— PostalDistrict	O	City	xsd: string	35
— CountryCode	O	country code: 2 character code according to ISO 3166	xsd: string	3
— StartDate	O	Used for publishing date for newspapers / leaves yyyy-mm-dd	xsd: date	
— EndDate	O		xsd: date	
— PostingInformation	O	Posting Information	xsd: string	
PostingDetails	O	Part of the posting string with the required number of repetitions.		
— Dimension	M	Department or other	xsd: string	
— PostingCode	M	Code of Current Dimension	xsd: string	
Ref	O	Other references		
— Code	M	Code indicating type of reference	xsd: string	
Valid codes: 59 = Number of Consumer Units (CU) in a Stock Keeping Unit (SKU) BREPRO = “Anbrekk”, Normally a Consumer Unit (CU) COMQUA = Additional Quantity DELQUA = Delivered quantity GD = The grocery industry's product group standard GN = EAN multibranch product line NB = Batch / lot number from supplier PROTYP = One of the codes must be used: CU = Consumer Unit (CU)				

Valid codes:

TU = Stock Keeping Unit (SKU)
 DU = Distribution Unit
 PV = Product Variant
 RETQUA = Return quantity
 SOLQUA = Sold quantity
 UNSPSC= UN standard for product categorization
 VQ= Variable quantity product

Text	M	The actual reference number	xsd: string	
FreeText	M	text: For general information that can not be added to other fields.	xsd: string	
InvoiceDiscountChargesAndTax	O	Invoice discounts, additions and fees on invoice level.		
InvoiceDiscount	O	Discounts given on the invoice total.		
Code	M	For valid codes, see chapter 8.1/8.2	xsd: string	3
Description	M	Description of type discount / supplement, ref. Code	xsd: string	35
Percent	O	percentage	xsd: decimal	4.4
BaseAmount	O	Calculation	xsd: decimal	11.4
Amount	O	Fee or discount / additional amount	xsd: decimal	11.4
Quantity	O	Quantity as basis	xsd: decimal	11.4
UnitOfMeasure	O	Device according to ISO standard 31	xsd: string	3
RatePerUnit	O	Rate	xsd: decimal	5.4
VatInfo	O	VAT calculated on the discount / supplement		
VatPercent	O	VAT percentage	xsd: decimal	
VatBaseAmount	O	VAT basis for calculating VAT amount for the current rate	xsd: decimal	
VatAmount	O	VAT amount for the current rate	xsd: decimal	
CalculationSequence	O	Specifies order for calculation of discounts	xsd: string	
InvoiceCharges	O	Addition to the invoice total.		
Code	M	For current codes, see Chapter 5 for Special Rates and Chapter 6 for other additions / discounts	xsd: string	3
Description	M	Description of type discount / supplement, ref. Code	xsd: string	35
Percent	O	percentage	xsd: decimal	4.4
BaseAmount	O	Calculation	xsd: decimal	11.4
Amount	O	Fee or discount / additional amount	xsd: decimal	11.4
Quantity	O	Quantity as basis	xsd: decimal	11.4
UnitOfMeasure	O	Device according to ISO standard 31	xsd: string	3
RatePerUnit	O	Rate	xsd: decimal	5.4
VatInfo	O	VAT calculated on the discount / supplement		
VatPercent	O	VAT percentage	xsd: decimal	

—	VatBaseAmount	O	VAT basis for calculating VAT amount for the current rate	xsd: decimal	
—	VatAmount	O	VAT amount for the current rate	xsd: decimal	
—	CalculationSequence	O	Specifies order for calculation of discounts	xsd: string	
—	InvoiceTax	O	Government fees charged to the invoice total.		
—	Code	M	For valid codes, see chapter 8.1/8.2	xsd: string	3
—	Description	M	Description of type discount / supplement, ref. Code	xsd: string	35
—	Percent	O	percentage	xsd: decimal	4.4
—	BaseAmount	O	Calculation	xsd: decimal	11.4
—	Amount	M	Fee or discount / additional amount	xsd: decimal	11.4
—	Quantity	M	Quantity as basis	xsd: decimal	11.4
—	UnitOfMeasure	O	Device according to ISO standard 31	xsd: string	3
—	RatePerUnit	O	Rate	xsd: decimal	5.4
—	InvoiceSummary	M	Invoice totals		
—	InvoiceTotals	M	Total: Must occur once		
—	LineItemTotalsAmount	M	Total of line amounts after allowances/charges/excises	xsd: decimal	11.4
—	DiscountTotalsAmount	O	Total allowances on invoice	xsd: decimal	11.4
—	ChargesTotalsAmount	O	Total charges on invoice	xsd: decimal	11.4
—	TaxTotalsAmount	O	Total excises on invoice	xsd: decimal	11.4
—	PrePaidAmount	O	Prepayment	xsd: decimal	11.4
—	GrossAmount	M	Gross amount: Invoice amount including VAT.	xsd: decimal	11.4
—	VatTotalsAmount	M	Total VAT amount	xsd: decimal	11.4
—	NetAmount	M	Net amount: Invoice amount without VAT	xsd: decimal	11.4
—	RoundingAmount	O	Rounding, if used	xsd: decimal	11.4
—	VatTotalsInfo	M	Specification of total VAT per. rate. It is recommended that you also include total for VAT rate 0 (zero) if this data element is used.		
—	VatPercent	M	VAT percentage	xsd: decimal	4.4
—	VatBaseAmount	M	VAT basis for calculating VAT amount for the current rate	xsd: decimal	11.4
—	VatAmount	M	VAT amount for the current rate	xsd: decimal	11.4
—	TaxTotalsInfo	O	Specification of excises on the invoice, repeated for each type of excise.		
—	TaxCode	M	Code of excise	xsd: string	3
—	TaxDescription	M	Description of excise	xsd: string	35
—	TaxAmount	M	Excise amount	xsd: decimal	11.4
—	ActualPayment	O	Amount to pay, with currency code.	ActualPaymentType	11.4
—	Currency	O	Currency. ISO Alpha Code (3 characters) ISO 4217	xsd: string	3

8.7 Example Invoice

```
<?xml version =? 1.0? encoding =? ISO 8859-1" ?>
```

```
30 <!--
```

```
Sample XML file generated by XML Spy v4.3 U (http://www.xmlspy.com)
```

```
- <Interchange xmlns=http ://www.e2b.no/XMLSchema  
xmlns :xsi= »http ://www.w3.org/2001/XMLSchema-instance »  
xsi :noNamespaceSchemaLocation= »e2b_Invoice_Interchange_v3p31.xsd »>
```

```
= <Envelope>
```

```
  <InterchangeId>199700001</InterchangeId>
```

```
  <From>7080000366767</From>
```

```
  <To>7080001000011</To>
```

```
  <Date>1997-01-11</Date>
```

```
  <NumberOfMessages>1</NumberOfMessages>
```

```
  <TestIndicator>0</TestIndicator>
```

```
</Envelope>
```

```
= <InvoiceMessageOwner= "e2b" MessageType= "Invoice" MessageVersion= "STAND013  
v1.0">
```

```
  <MessageNumber>199700001</MessageNumber>
```

```
  <MessageTimestamp>1997-01-11T10: 45: 00</MessageTimestamp>
```

```
  <NumberOfLines>2</NumberOfLines>
```

```
= <InvoiceHeader>
```

```
  <InvoiceType>380</InvoiceType>
```

```
  <InvoiceStatus>9</InvoiceStatus>
```

```
  <InvoiceNumber>424876</InvoiceNumber>
```

```
  <InvoiceDate>1997-01-10</InvoiceDate>
```

```
= <Supplier>
```

```
  <LocationId>7080000366767</LocationId>
```

```
  <Name>Børsterud AS</Name>
```

```
= <PostalAddress>
```

```
  <Address1>Industriveien 1</Address1>
```

```
  <PostalCode>0580</PostalCode>
```

```
  <PostalDistrict>OSLO</PostalDistrict>
```

```
  </PostalAddress>
```

```
= <ContactPerson>
```

```
  <Name>Lise Hansen</Name>
```

```
  <FirstName>Lise</FirstName>
```

```
  <LastName>Hansen</LastName>
```

```
  </ContactPerson>
```

```
  <VatId>NO123456789MVA</VatId>
```

```
= <AccountInformation>
```

```
  <AccountNumber>60731108042</AccountNumber>
```

```
  </AccountInformation>
```

```

    </Supplier>
- <Buyer>
    <LocationId>7080001000004</LocationId>
    <Name>Hans Hansen AS</Name>
- <PostalAddress>
    <Address1>Storgata 1</Address1>
    <PostalCode>7005</PostalCode>
    <PostalDistrict>TRONDHEIM</PostalDistrict>
    </PostalAddress>
    </Buyer>
- <Invoicee>
    <LocationId>7080001000011</LocationId>
    <Name>Hans Hansen Øst AS</Name>
- <PostalAddress>
    <Address1>Grenseveien 1</Address1>
    <PostalCode>1406</PostalCode>
    <PostalDistrict>HEBEKK</PostalDistrict>
    </PostalAddress>
    </Invoicee>
- <DeliveryPart>
    <LocationId>7080000000065</LocationId>
    <Name>Børsterud AS, Varemottak</Name>
- <StreetAddress>
    <Address1>Industriveien 1</Address1>
    <PostalCode>0580</PostalCode>
    <PostalDistrict>OSLO</PostalDistrict>
    </StreetAddress>
    </DeliveryPart>
- <InvoiceReferences>
    <BuyersOrderNumber>334411</BuyersOrderNumber>
    <DeliveryNoteNum>23149</DeliveryNoteNum>
    </InvoiceReferences>
- <Payment>
    <DUEDATE>1967-08-13</DUEDATE>
    <Currency>NOK</Currency>
    </Payment>
- <Ref>
    <Code>String</Code>
    <Text>String</Text>
    </Ref>
    </InvoiceHeader>
- <InvoiceDetails>
- <BaseItemDetails>
    <LineItemNum>1</LineItemNum>
    <SuppliersProductId>7200018</SuppliersProductId>
    <Description>ROLLER SYSTEM</Description>
- <AdditionalProductId>

```

```

    <Code>EN</Code>
    <Text>7030432630011</Text>
    </AdditionalProductId>
    <UnitPrice>250.00</UnitPrice>
    <PriceType>AAB</PriceType>
    <LineItemPreDiscountAmount>25000.00</LineItemPreDiscountAmount>
    <LineItemAmount>22000.00</LineItemAmount>
    <QuantityInvoiced>100.00</QuantityInvoiced>
  - <VatInfo>
    <VatPercent>23</VatPercent>
    </VatInfo>
  - <Discount>
    <Code>PAD</Code>
    <Description>PROMOTIONAL ALLOWANCE</Description>
    <Percent>10:00</Percent>
    <Amount>2500.00</Amount>
    </Discount>
  - <Discount>
    <Code>PDE</Code>
    <Description>PALLET DISCOUNT</Description>
    <Amount>500</Amount>
    <Quantity>100</Quantity>
    <RatePerUnit>5.00</RatePerUnit>
    </Discount>
  - <Ref>
    <Code>PROTYP</Code>
    <Text>TU</Text>
    </Ref>
  - <Ref>
    <Code>59</Code>
    <Text>12</Text>
    </Ref>
    </BaseItemDetails>
  - <BaseItemDetails>
    <LineItemNum>2</LineItemNum>
    <SuppliersProductId>28440011</SuppliersProductId>
    <Description>BØRSTER</Description>
  - <AdditionalProductId>
    <Code>EN</Code>
    <Text>7030439770710</Text>
    </AdditionalProductId>
    <UnitPrice>100</UnitPrice>
    <PriceType>AAB</PriceType>
    <LineItemPreDiscountAmount>20000.00</LineItemPreDiscountAmount>
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9. Invoice Receipt

Use of Invoice Receipt must be agreed upon bilaterally.

Invoice Receipt is a message from the invoice recipient to the sender of the invoice that the invoice has been received.

In Invoice Receipt, you can specify how the Invoice has been handled, and if error in the Invoice, what type of error, and what action that has been taken. Which codes to be used must be agreed upon bilaterally.

9.1 Message table Invoice Receipt

Element	Requirement	Description and valid codes	Type
Interchange	M	Interchange	
Envelope	O	Envelope. Contains information about sender and receiver	
InterchangeId	M	Unique identification of the interchange	xs: string
From	M	GLN to the sender	xs: string
To	M	GLN to the recipient	xs: string
Date	M	Date of interchange	xs: date
NumberOfMessages	O	Number of messages in the interchange	xs: integer
TestIndicator	O	Must be specified with value = 1 if the interchange is a test.	xs: integer
ApplicationResponse	M	Application response	
MessageOwner	M	= e2b	xs: string
MessageType	M	= ApplicationResponse	xs: string
MessageVersion	M	= STAND013 v1.0	xs: decimal
Language	O	Language code	xs: string
MessageNumber	O	Unique number identifying the message within an interchange.	xs: string
MessageTimestamp	M	Date and time for when the message is generated. Format: yyyy-mm-DDThh: MM: SS	xs: datetime
NumberOfResponses	O	Number of receipts in the message	xs: integer
DocumentResponse	M	Document response.	
Response	M		
ResponseCode	M	Description of response code Valid codes: 01 = The message is received and checked OK 02 = The message is received correctly, but not checked 11 = Incorrect amount 12 = The Invoice has been received earlier 13 = Unknown buyer 14 = Missing EDI agreement	ResponseCodeType
CodeText	O	Description of attribute.	xs: string
DocumentReference	M	Associates the line with a document.	
ID	M	ID of the document you are responding to. For invoice is this invoice number.	IdentifierType
DocumentType	M	Code describing what type of document you are responding to. Valid codes: IV = Invoice	xs: string
IssueDate	M	Date of the document you are responding to. For invoice, this is the invoice date.	xs: date
IssuerParty	M	Party that sent the original document. For invoice, this is the invoice issuer, possibly the Supplier.	
PartyId	O	Identification of Issuer Party	IdentifierType

— LocationId	M	GLN	IdentifierType
— Name	M	Name of company	xs: string
— ContactInformation	O	Contact information for the company	
— PhoneNumber	O	Company Phone Number	xs: string
— FaxNumber	O	Company fax number	xs: string
— EmailAddress	O	Company email address.	xs: string
— WebAddress	O	Company web address	xs: string
— StreetAddress	O	Zero or one occurrence	
— Address1	O	Street / Visiting Address 1	xs: string
— Address2	O	Street / Visiting Address 2	xs: string
— Address3	O	Street / Visiting Address 3	xs: string
— PostalCode	O	Postcode linked to street address	xs: string
— PostalDistrict	O	City attached to street address.	xs: string
— CountryCode	O	2 character code according to ISO 3166	xs: string
— CountryName	O	Name according to code	xs: string
— PostalAddress	O	Zero or one occurrence.	
— Address1	O	Postal Address 1	xs: string
— Address2	O	Postal Address 2	xs: string
— Address3	O	Postal Address 3	xs: string
— PostalCode	O	Postal code linked to postal address	xs: string
— PostalDistrict	O	City attached to postal address	xs: string
— CountryCode	O	2 character code according to ISO 3166	xs: string
— CountryName	O	Name according to code	xs: string
— ContactPerson	O	Zero or many occurrences.	
— Name	M	Recommended format: "Surname first name middle name"	xs: string
— FirstName	O	Recommended format: "First name Middle Name"	xs: string
— LastName	O	Recommended format: "Surname"	xs: string
— ContactInformation	O	Contact	
— PhoneNumber	O	Contact person phone number	xs: string
— FaxNumber	O	Contact fax number	xs: string
— EmailAddress	O	Contact E-mail Address	xs: string
— WebAddress	O	Contact web address	xs: string
— Function	O	Contact Position, role	xs: string
— Department	O	Contact Department.	xs: string
— OrgNumber	M	Required for supplier (9 digits). The field is recommended used.	xs: string
— VatId	O	VAT number. Required for invoicing with VAT (14 characters). The field is recommended.	xs: string
— Department	O	Department within company	xs: string

AccountInformation	O	Information about accounts for national and international payment.	
— AccountNumber	O	Company bank account number	xs: string
— IbanNumber	O	For international payment	xs: string
— SwiftNumber	O	For international payment	xs: string
— ProjectRef	O	At current player.	xs: string
Ref	O	General reference field with code. Zero or many instances.	
— Code	M	Code indicating type of reference.	xs: string
— Text	O	The actual reference number.	xs: string
RecipientParty	M	Party that received the original message. For Invoice, this is an invoice recipient, possibly a buyer.	
— PartyId	O	Unique identifier	IdentifierType
— LocationId	M	GLN	IdentifierType
— Name	M	Name of company.	xs: string
ContactInformation	O	Contact information for the company	
— PhoneNumber	O	Company Phone Number	xs: string
— FaxNumber	O	Company fax number	xs: string
— EmailAddress	O	Company email address.	xs: string
— WebAddress	O	Company web address	xs: string
StreetAddress	O	Zero or one occurrence	
— Address1	O	Street / Visiting Address 1	xs: string
— Address2	O	Street / Visiting Address 2	xs: string
— Address3	O	Street / Visiting Address 3	xs: string
— PostalCode	O	Postcode linked to street address	xs: string
— PostalDistrict	O	City attached to street address.	xs: string
— CountryCode	O	2 character code according to ISO 3166	xs: string
— CountryName	O	Name of country according to code.	xs: string
PostalAddress	O	Zero or one occurrence.	
— Address1	O	Postal Address 1	xs: string
— Address2	O	Postal Address 2	xs: string
— Address3	O	Postal Address 3	xs: string
— PostalCode	O	Postal code linked to postal address	xs: string
— PostalDistrict	O	City attached to postal address	xs: string
— CountryCode	O	2 character code according to ISO 3166	xs: string
— CountryName	O	Name of country according to code.	xs: string
ContactPerson	O	Zero or many occurrences.	
— Name	M	Recommended format: "Surname first name middle name"	xs: string
— FirstName	O	Recommended format: "First name Middle Name"	xs: string

— LastName	O	Recommended format: "Surname"	xs: string
— ContactInformation	O	Contact information for contact person.	
— PhoneNumber	O	Phone number	xs: string
— FaxNumber	O	Contact fax number	xs: string
— EmailAddress	O	Contact E-mail Address	xs: string
— WebAddress	O	Contact web address	xs: string
— Function	O	Contact Position, role	xs: string
— Department	O	Contact Department.	xs: string
— OrgNumber	O	Required for supplier (9 digits). The field is recommended used.	xs: string
— VatId	O	VAT number. Required for invoicing with VAT (14 characters). The field is recommended.	xs: string
— Department	O	Department within company	xs: string
— AccountInformation	O	Account Information: Information about accounts for national and international payment.	
— AccountNumber	O	Company bank account number.	xs: string
— IbanNumber	O	For international payment	xs: string
— SwiftNumber	O	For international payment	xs: string
— ProjectRef	O	At current player.	xs: string
— Ref	O	General reference field with code. Zero or many occurrences.	
— Code	M	Code indicating type of reference.	xs: string
— Text	O	The actual reference number.	xs: string