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Order confirmation
Between Supplier and Ahlsell

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ORDRSP

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INTRODUCTION

The order confirmation is an important message used to give the end customer information on both availability and the anticipated delivery date for acquisitions. Transparency in Ahlsell's system increases through its Internet shop and customers' EDI orders. The faster we receive information from the supplier, the faster the end customer receives information. This makes it easier for the customer to make a decision on items in a purchasing situation.

Each segment used by Ahlsell is described individually. The segment identity must be given with its tag, which is expressed with three letters.

The following codes are used in the field explanation for the message descriptions below.

- **R** Requested
- **O** Optional
- **D** Dependent (dependent on other information)
- **A** Advised
- **N** Not used

The content of each segment is then covered element by element.

The exchange of information between two parties is always regulated by a bilateral agreement. Ahlsell uses NEA's technical appendix as agreement. This shall be updated and signed by the parties before start of production.

MESSAGE APPLICATION

The order response message is used to respond to the order message within the framework of a commercial agreement between two parties – the buyer (BY) and the supplier (SE, SU).

The message can be used to:
- confirm that an order has been received and is comprehendible
- acknowledge that the order is accepted and will be processed
- suggest a change to the order
- reject all or parts of the order

Which of the above alternative or alternatives are used and the buyer's interpretation of the alternatives are specified in the commercial agreement.

UNH – Message header

0062	Message reference number	R	Sender's unique message reference. The same reference must be found in the message trailer (UNT).
S009	Message type identifier		
0065	Message type	R	**ORDRSP** – message name
0052	Message version	R	**D** – Draft
0054	Message version	R	**93A**
0051	Controlling agency	R	**UN** – United Nations
0057	Association assigned code	R	**EAN004** – Version control number

Example

UNH+1+ORDRSP:D:93A:UN:EAN004'
UNH+180387+ORDRSP:D:93A:UN:EAN004'

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BGM – Document type and number

Used to indicate the type and function of the message and to transmit the identifying number.

C002	Document	R	Document name. Mandatory. Expressed as a code.
1001	Document name, code	R	**231** – Code for order confirmation (DOCNAMECD)
1004	Document number	R	<u>Unique</u> identifier on the order confirmation that is set by the creating application. Must not exceed 20 positions.
1225	Status	R	**29** = Accepted without changes; no line items will be sent.

4 = Changed; order accepted with changes. Means that one or more changes were made in the order. Delivery date can be changed in the header level (and it will be used for all open order lines, not only the once in the current order confirmation). Other changes are at the line level and must be specified there. Only changed lines need to be sent, but they must be sent in their entirety.

27 = Rejected. Rejects the order in its entirety. No line items will be sent.

Example

```
BGM+231+10746291+29'
BGM+231+10746291+4'
```

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DTM – Date

C507	Date		R	
2005	Date qualifier		R	**137** = Document date – date when the order confirmation was created.
			R	Ahlsell accepts three different qualifiers for promised delivery date. We interpret all three as *promised* delivery date. **17** = Estimated delivery date **69** = Promised delivery date **76** = Planned delivery date Please note that the date that is sent will be used for all lines in the order where no other information has been sent on the orderline (even on order lines that is not in the specific order confirmation). If you want to change date on single order lines, please send the information on the lines and not in the head).
2380	Date value		R	Date in the format SSYYMMDD
2379	Date, format qualifier		R	**102** = The format for the above date is SSYYMMDD

Example

DTM+137:20090311:102'
DTM+17:20090316:102'

or

DTM+137:20090311:102'
DTM+69:20090316:102'

or

DTM+137:20090311:102'
DTM+76:20090316:102'

RFF – Reference to order

C506	Reference	R	
1153	Reference qualifier	R	**Ahlsell accepts three different qualifiers** **CO** – code for 'buyer's order number' **CR** – code for 'buyer's order number' **ON** – code for 'buyer's order number' Is compulsory.
1154	Reference number	R	Identifies the document. Rules for usage shall be documented in the technical appendix.

Example

RFF+CO:1002012'

or

RFF+CR:1002012'

or

RFF+ON:1002012'

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NAD – Names and addresses

3035	Party qualifier	R	**Ahlsell accepts two different qualifiers**
			SE = Supplier – a NAD with qualifier SE
			SU = Supplier – a NAD with qualifier SU
C082	Party identification	R	Identification of a party in the form of a code. EAN location code or seller's code.
3039	Party ID, code	R	EAN location code or seller's code.
3055	Code list responsible agency code	R	**9** = code allocated by EAN.
			91 = code defined by the supplier.
			92 = code defined by the buyer.

Example

NAD+SE+5562131218::91'

or

NAD+SU+5562131218::91'

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CTA – Contact information

3139	Code for type of contact	R	Code indicating the type of contact function. Ahlsell accepts two different codes **IC** – Order contact **OC** – Order contact.
C056	Text for department/employee	R	Coded ID or name in text for the individual or department serving as the contact point.
3413	Department code	O	Indicates department. **Not used**.
3412	Name of orderer	A	Order contact's name in text form

Example

CTA+IC+:JESSIKA BERG'

or

CTA+OC+: AGNE SKOOG'

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LIN – Line item

1082	Line number	R	Line number.
			Always used. Can contain the line number from the referring order unless it is sent in the RFF segment. Addition of lines is not permitted. This also applies, for example, to packaging and shipping.
			Line numbers over 999 will be excluded.
1229	Action code	R	Code specifying the action to be taken.
			1 = Added. In BMG, code 4 must be specified. If the seller suggests a partial delivery, the original line is sent first with modified quantity. One or more additional lines are then sent with the same item, remaining quantity and a different delivery date. If no new line arrives, Ahlsell interprets this as the supplier cancelling the remaining quantity. Suppliers may under no circumstances deliver goods that have not been acknowledged in the proper manner.
			3 = Changed. In BGM, code 4 must be specified. 3 indicates that the seller accepts the line item, but requires one or more changes. The changes are specified in the subsequent segment. Note that it is *never* permissible to change item on a line of a warehouse order. In such cases, the line must be cancelled and the buyer informed so that a new order can be registered.
			5 = Accepted. The supplier accepts to deliver the product/item of the line item at the right quantity and the right delivery date.
			7 = Not accepted. The seller wants to cancel the line. In BGM, code 4 (change) must be specified.

Example

LIN+1+3'

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PIA – Product identification

4347	Identification, qualifier	R	**5** = Product identification.
C212	Item number identification	R	
7140	Item number	R	The parties decide which type of code is used for the items.
7143	Item number type, code	D	**SA** = The item number is specified by the supplier.
		D	**BP** = The item number is specified by the buyer. One of Ahlsell's or the supplier's is sent; it is acceptable to send both. Ahlsell's item number should be used if only one can be sent.

Example

PIA+5+3809092:SA'
PIA+5+5700012:BP'

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QTY – Order quantity

C186	Quantity details	R	
6063	Quantity qualifier	R	**21** = Ordered quantity **17** = Quantity on hand **113** = Quantity to be delivered If 17 is sent, 113 may not be and vice versa.
6060	Quantity	R	Ordered/Delivered quantity. Decimals must be preceded by a decimal point (.) Max. 3 decimal places.
6411	Measurement unit specifier	D	The measurement unit specifier specified in the order is sent here, for example 'ST' or 'PCE'

Example

QTY+21:10:ST'
QTY+17:8:ST'

or

QTY+21:10:ST'
QTY+113:8:ST'

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DTM – Planned delivery date

C507	Date	R	This segment is only used of ordered products are to be delivered at different time points.
			If the same delivery date applies to all lines, it is sufficient to indicate delivery date in the order header.
			Lines that do not have this segment are presumed to retrieve the delivery date from the order header.
2005	Date qualifier	R	Ahlsell accepts three different qualifiers for promised delivery date. We interpret all three as *promised* delivery date. **17** = Estimated delivery date (received by buyer) **69** = Promised delivery date (received by buyer) **76** = Planned delivery date (received by buyer)
			If date is specified in the order header, is must not be specified at the line level. If it is specified at the line level, all lines must have delivery date at the line level.
2380	Date value	R	Date in the format SSYYMMDD
2379	Date, format qualifier	R	**102** = The format for the above date is SSYYMMDD

Example

DTM+17:20030220:102'

or

DTM+69:20030220:102'

or

DTM+76:20030220:102'

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QVA – Order quantity

C186	Quantity details	R	
6064	Quantity	R	Quantity on backorder
6063	Quantity qualifier	D	**21** = Quantity on hand
4221	Discrepancy code	D	**BP** = Shipment partial – backorder to follow. This quantity deviates from the placed order and will be delivered at a later time that is not yet specified. **CP** = Shipment partial – considered complete, no backorder.

Example

QVA+5:21+BP'

or

QVA+5:21+CP'

Important information on partial deliveries is found in Appendix 1 Partial deliveries.

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PRI – Price details

C509	Price information	R	
5125	Price qualifier	R	Code for price type. **AAA** – Calculation net (charges, discount and taxes are included).
5118	Price amount	R	Supplier's actual price.

Example

PRI+AAA:27.50'

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RFF – Reference to order

C506	Reference	D	
1153	Reference qualifier	R	**Ahlsell accepts four different qualifiers** **CO** – code for 'buyer's line number' **CR** – code for 'buyer's line number' **LI** – code for 'buyer's line number' **ON** – code for 'buyer's line number' Is compulsory.
1154	Reference number	O	Ahlsell's order number
1156	Line number	R	Line number. Always used. Contains the line number from the referring order. Addition of lines is not permitted. This also applies, for example, to packaging and shipping. The line numbers must occur in the correct sequence. Line numbers over 999 will be excluded.

Example

RFF+CO::1'

or

RFF+CR:31222365:2'

or

RFF+LI::1'

or

RFF+ON::3'

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UNS – Start of summary

0081	Section identification	R	**S** – Summary

The UNS segment separates the message's detail lines from the end.
It is mandatory and DE 0081 is always 'S' (Start of summary).

Example

UNS+S'

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CNT – Control total - for quantities and number of lines

C270	Control		R	Used even when no item lines have been sent. Mandatory when an item line is sent.
6069	Control qualifier		R	**2** = code for number of lines (LIN)
6066	Control value		R	Control total quantity.

Example

CNT+2:2'

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UNT – Message trailer

0074	Number of segments	R	Number of segments from preceding UNH up to and including UNT.
0062	Message reference number	R	Contains the same reference number as in the preceding UNH.

Example

UNT+27+1'

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Example of ORDRSP

UNH+12345678901234+ORDRSP:D:93A:UN:EAN004'	Message header
BGM+231+33333+4'	Document number 33333; change made to order.
DTM+137:20090213:102'	Order confirmation created 20090213
DTM+76:20090213:102'	Planned delivery date is 20090213
RFF+CR:0123456789'	Reference to order number 0123456789
NAD+SE+111222333::91'	Supplier
CTA+OC+:Kalle Karlsson'	Order reference
LIN+1'	Line item 1
PIA+5+111000:SA'	Supplier's item number
PIA+5+334455:BP'	Customer's item number
QTY+21:30:ST'	The ordered quantity is 30
QTY+17:21:ST'	21 of the 30 items ordered will be delivered. The remaining 9 will not be delivered.
PRI+AAA:27.50'	Supplier's price
UNS+S'	Start of summery
CNT+2:1'	Total number of line items = 1
UNT+14+12345678901234'	Message end

Example of ORDRSP

UNH+12345678901234+ORDRSP:D:93A:UN:EAN004'	Message header
BGM+231+33333+4'	Document number 33333; change made to order.
DTM+137:20090213:102'	Order confirmation created 20090213
DTM+76:20090224:102'	Planned delivery date is 20090224
RFF+CR:0123456789'	Reference to order number 0123456789
NAD+SE+111222333::91'	Supplier
CTA+OC+:Kalle Karlsson'	Order reference
LIN+1+3'	Line item 1
PIA+5+111000:SA'	Supplier's item number
PIA+5+334455:BP'	Customer's item number
QTY+21:30:ST'	The ordered quantity is 30
QTY+17:21:ST'	21 of the 30 items ordered will be delivered.
PRI+AAA:27.50'	Supplier's price
LIN+1+1'	Line item 1, sequence 2
PIA+5+111000:SA'	Supplier's item number
PIA+5+334455:BP'	Customer's item number
QTY+17:9:ST'	9 of the 30 items ordered will be delivered.
PRI+AAA:27.50'	Supplier's price
DTM+76:20090225:102'	Deviating delivery date
UNS+S'	Start of summery
CNT+2:1'	Total number of line items = 1
UNT+14+12345678901234'	Message end

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Appendix 1 Partial delivery

If the supplier can only deliver parts of a line, the date for the earliest delivery is sent. There are two ways to notify Ahlsell of this.

a) Double lines

Ahlsell ordered 12 off of a product. The supplier can deliver 7 at the desired date and 5 at a later date. We then expect the following response.

```
LIN+3+3'
PIA+5+XXX:SA'
PIA+5+YYY:BP'
QTY+21:12,000:ST'
QTY+17:7,000:ST'
DTM+76:20090210:102'
PRI+AAA:1.30:1:ST'
LIN+3+1'
PIA+5+XXX:SA'
PIA+5+YYY:BP'
QTY+21:12,000:ST'
QTY+17:5,000:ST'
DTM+76:20090212:102'
PRI+AAA:1.30:1:ST'
```

In this case, we use the date from the first and second sequence. This scenario will split the row into two sequences.

If the supplier CANNOT deliver the remaining items at all, we expect the following response.

```
LIN+3+3'
PIA+5+XXX:SA'
PIA+5+YYY:BP'
QTY+21:12,000:ST'
QTY+17:7,000:ST'
DTM+76:20090210:102'
PRI+AAA:1.30:1:ST'
```

Since there is no information here on the last 5 that Ahlsell ordered, we presume that the supplier will not be able to deliver them. We will then cancel the remaining 5 in our business system. Then, the supplier must NOT deliver these remaining 5.

b) QVA

Ahlsell ordered 12 off of a product. The supplier can deliver 7 at the desired date and 5 at a later date. We then expect the following response.

```
LIN+3+3'
```

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```
PIA+5+XXX:SA'
PIA+5+YYY:BP'
QTY+21:12,000:ST'
QTY+17:7,000:ST'
DTM+76:20090210:102'
QVA+5:21+BP'
PRI+AAA:1.30:1:ST'
```

If the supplier CANNOT deliver the remaining items at all, we expect the following response.

```
LIN+3+3'
PIA+5+XXX:SA'
PIA+5+YYY:BP'
QTY+21:12,000:ST'
QTY+17:7,000:ST'
DTM+76:20090210:102'
QVA+5:21+CP'
PRI+AAA:1.30:1:ST'
```

In this case, we use the date from the first sequence of the line and then split the line. At present, we cannot use the date from the second sequence. However, it is good if you can send it so that it is there when we can start using the date.

If the supplier CANNOT deliver the remaining items at all, we expect the following response.

```
LIN+3+3'
PIA+5+XXX:SA'
PIA+5+YYY:BP'
QTY+21:12,000:ST'
QTY+17:7,000:ST'
DTM+76:20090210:102'
PRI+AAA:1.30:1:ST'
```

Since there is no information here on the last 5 that Ahlsell ordered, we presume that the supplier will not be able to deliver them. We will then cancel the remaining 5 in our business system. Then, the supplier must NOT deliver these remaining 5.