

GS1 Australia

Consumer Goods Harmonised EDI Messages

# **Purchase Order Response 'Cookbook'**

Version 1.0

## Version Control

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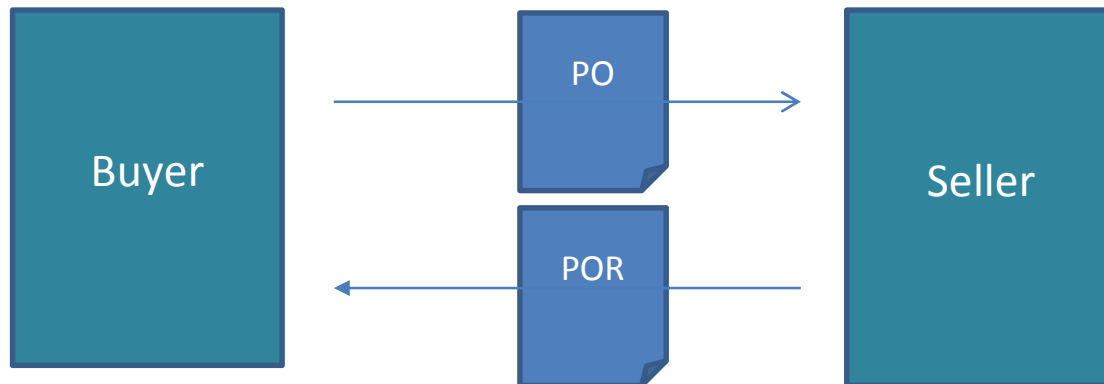
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## Principles of Purchase Order Response

The purchase order response message may be sent in response to an original purchase order (PO), or a purchase order change (POC) document.



The response can be leveraged in two major use cases:

1. An acknowledgement of receipt and ability to supply
2. A detailed response advising proposed changes to the previously sent PO or POC

The first use case may be demonstrated with only basic header information being sent back such as the order response document details, action flag, purchase order/change reference and dates.

The second use case will require that detail/line level information is sent. Changed, added or deleted information must be sent back in the order response, however other details may be omitted to simplify the order.

The document will always leverage the GS1 EANCOM ORDRSP message.

GS1 recommends that a purchase order response be sent back to all purchase orders and purchase order change documents. Business and system requirements and as well as commercial considerations will however impact trading partners in determining when a purchase order response is required to



be sent. For example, a business may decide that a purchase order response will only be sent when a purchase order or purchase order change is modified or rejected.

The receiver of the message should refer to the function code in the 'BGM' segment and action code in the 'LIN' segment.

<b>Segment/Status</b>	<b>Accepted in full without change</b>	<b>Accepted in full with back orders*</b>	<b>Accepted with proposed changes*</b>	<b>Rejected in full</b>
<b>Header – BGM</b>	Code 29	Code 45	Code 4	Code 27

\*Where a message has been accepted in full with back orders or accepted pending proposed changes, there will be a requirement to indicate these changes at the detail level of the message.

<b>Segment/Status</b>	<b>Change</b>	<b>Accepted line in full from previous PO/POC</b>	<b>Rejected in full from previous PO/POC</b>	<b>Rejected in full due to product not found</b>
<b>Detail – LIN</b>	Code 3	Code 5	Code 7	Code 10

There will be the assumption made that the sender of the Purchase Order Response has read all lines on the original purchase order and have sent back only changed, added or deleted lines as required. If a Purchase Order Response is flagged as changed at the header level, those line items which have been accepted, but with no changes made, are not required to be sent.

## [UNH] Message Reference Number

**Attribute Name:** Message reference number

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 1..14

**Repeatable:** N

**Code List:** N

### Reference:

Header - UNH  
DE 0062

### Related Fields:

Summary – UNT DE0062

### Description:

Sender's unique message reference. Sequence number of the messages in the interchange.

### Scenario:

N/A

## [UNH] Message Type ID

**Attribute Name:** Message type

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 6..6

**Repeatable:** N

**Code List:** N

### Reference:

Header – UNH  
S0009  
DE 0065

### Related Fields:

### Description:

Must always be set to 'ORDRSP' to indicate the format of the message is the GS1 EANCOM Purchase Order Response message.

### Scenario:

Purchase Order Response messages will always be sent using the ORDRSP message structure.

The structure of the ORDRSP message is similar to that of the ORDERS message with additional flags to indicate changes and actions.

## [UNH] Message Type Version

**Attribute Name:** Message version number

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** N

**Code List:** N

### Reference:

Header – UNH  
S0009  
DE 0052

### Related Fields:

### Description:

Must always be set to 'D' to indicate the message is a draft of the UN/EDIFACT standard.

### Scenario:

N/A

## [UNH] Message Type Release

**Attribute Name:** Message release number

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** N

**Code List:** N

**Description:**

Must be set to '01B' to indicate that the message is based on the UN/EDIFACT 01.B release, from which the GS1 EANCOM 2002 standard was developed.

**Reference:**

Header – UNH  
S0009  
DE 0054

**Related Fields:**

**Scenario:**

N/A

## [UNH] Controlling Agency

**Attribute Name:** Controlling agency

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** N

**Code List:** N

### Reference:

Header – UNH  
S0009  
DE 0051

### Related Fields:

### Description:

Must be set to 'UN' to indicate the controlling agency of the EDIFACT standard is UN/CEFACT.

### Scenario:

N/A

## [UNH] Association Assigned Code

**Attribute Name:** Association assigned code

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 6..6

**Repeatable:** N

**Code List:** N

### Reference:

Header – UNH  
S0009  
DE 0057

### Related Fields:

### Description:

The GS1 version control number.

Must be set to 'EAN009' to indicate that the message is the GS1 EANCOM version 009 of the UNSM Purchase Order Response.

Whenever GS1 makes a minor edition change (for example, adding new codes to the existing GS1 EANCOM 2002 standard), the version control number will change.

### Scenario:

At time of publication the referred version for the Purchase Order is EAN009.

To ensure all systems are referring to the same message standard, this version number should be referenced.

## [BGM] Document type

Attribute Name: Document name code

System Mandatory: Y

Format: Alphanumeric

Min/Max Length: 3..3

Repeatable:

Code List: Y

### Reference:

Header – BGM

C002

DE 1001

Related Fields:

3055 – Must be used if the code used is a GS1 Code.

### Description:

Defines the document type is a purchase order response. Must be set to:

**'231'** – Purchase order response.

### Scenario:

N/A



## [BGM] Purchase Order Response number

**Attribute Name:** Document identifier

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** N

**Code List:** N

### Reference:

Header – BGM  
C106  
1004

Related Fields:

### Description:

The unique identification of the purchase order response that both parties would use as a reference to the document.

### Scenario:

This will be assigned by the purchase order response issuer.

## [BGM] Function Code

**Attribute Name:** Message function code

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 1..2

**Repeatable:** N

**Code List:** Y

### Reference:

Header – BGM  
1225

### Related Fields:

### Description:

The message function, coded is a critical data element in this segment. It applies to all data indicated in the message.

Allowable values

**'4'** – Change

**'27'** – Not Accepted

**'29'** – Accepted without amendment

**'45'** – Accepted with reserves

### Scenario:

**'4'** – The PO has been accepted with changes proposed

**'27'** – The PO has been rejected in full

**'29'** – The PO has been accepted in full without changes

**'45'** – The PO has been accepted in full however contains items placed on backorder

## [BGM] Response type

**Attribute Name:** Response type code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** N

**Code List:** Y

### Reference:

Header – BGM  
4343

### Related Fields:

N/A

### Description:

Used to explicitly state whether an acknowledgment back from the receiver is required.

**'AB'** - Message acknowledgement

### Scenario:

Usually trading partners will agree whether an acknowledgement of receipt or order response is required as part of their trading agreement.

If in addition to this agreement the sending party wishes to explicitly state that a receipt is required this field may be used.

## [DTM] Date or Time type

**Attribute Name:** Date or time or period function code qualifier

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 1..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Header – DTM  
2005

### Related Fields:

DTM  
DE 2380  
DE 2379

### Description:

Contains various codes to indicate dates and times applicable to the entire purchase order response. Code 137 must always be used at a minimum.

**2** - Delivery date/time, requested

**10** – Shipment date/time, requested (**Work Request Pending**)

**11** - Despatch date and/or time

**37** - Ship not before date/time

**38** - Ship not later than date/time

**63** - Delivery date/time, latest

**64** - Delivery date/time, earliest

**137** - Document/message date/time

### Scenario:

If a date/time is included at line level, this will override this reference.

## [DTM] Date or Time

**Attribute Name:** Date or time or period value

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (segment level)

**Code List:** N

### **Reference:**

Header – DTM  
2380

### **Related Fields:**

DTM  
DE 2005  
DE 2379

### **Description:**

The actual date and time as indicated by the previous date/time qualifier.

### **Scenario:**

For example the purchase order response is sent at 9am on the 19<sup>th</sup> September 2013.  
DTM+137:201309190900:203'

## [DTM] Date or Time format

**Attribute Name:** Date or time or period format code

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Header – DTM  
2379

### Related Fields:

DTM  
DE 2005  
DE 2380

### Description:

Defines the format of the previously described date or time. The two formats used are date only and date/time combination.

**102** – CCYYMMDD (date only)

**203** – CCYYMMDDHHMM (date and time)

C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.

### Scenario:

The sender will decide which format is required for any given date/time reference sent.

The receiving party should be set up to receive both formats.

## [FTX] Text subject qualifier

**Attribute Name:** Text subject code qualifier

**System Mandatory:** M (if FTX segment is used)

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Header – FTX  
4451

### Related Fields:

### Description:

The FTX segment is used when additional information is needed but cannot be accommodated within other segments. The qualifier indicates the nature of the information being transmitted.

**PUR** - Purchasing information

**ZZZ** - Mutually defined

### Scenario:

By its nature segment contains pieces of information that are quite specific to individual businesses and often require manual interpretation as opposed to machine-to-machine.

## [FTX] Text

**Attribute Name:** Free text value

**System Mandatory:** M (if FTX segment is used)

**Format:** Alphanumeric

**Min/Max Length:** 1..512

**Repeatable:** Y (5 times per segment)

**Code List:** N

### Description:

Free text field relating to the subject previously communicated.

### Reference:

Header – FTX  
DE 4440

### Related Fields:

FTX  
DE 4451 (Qualifier)

### Scenario:

For example:

- Some aspect of delivery. " Charge your account number 12345"



## [RFF] Reference qualifier

**Attribute Name:** Reference code qualifier

**System Mandatory:** M (if RFF segment used)

**Format:** Alphanumeric

**Min/Max Length:** 2..3

**Repeatable:** Y (at segment level)

**Code List:** Y

### Reference:

Header - SG1 – RFF  
DE 1153

### Related Fields:

Header - SG1 – RFF  
DE 1154  
DE 1060

### Description:

This segment is used to specify other references which relate to the transmission. The references given at this point are valid for the whole order unless superseded by references at line level.

**'PP'** – Purchase order change number

**'VN'** – Order number (supplier)

**'ON'** – Order number (buyer)

**'BO'** – Blanket order number

**'ACD'** – Additional reference number

### Scenario:

**'ON'** and **'VN'** reference the purchase order number, either buyer or seller assigned, to a previously transmitted message.

**'PP'** will be sent where the message is being sent in response to a previously transmitted purchase order change.

**'ACD'** – Will contain an internal sales order number when different to the buyers order number.

## [RFF] Reference

**Attribute Name:** Reference identifier

**System Mandatory:** M (if RFF segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..70

**Repeatable:** Y (at segment level)

**Code List:** N

### Reference:

Header - SG1 – RFF  
DE 1154

### Related Fields:

Header - SG1 – RFF  
DE 1153  
DE 1060

### Description:

The actual reference value as outlined by the reference qualifier.

### Scenario:

As previously outlined

## [RFF] Purchase Order/Change Revision Number

**Attribute Name:** Revision identifier

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..6

**Repeatable:** N

**Code List:** N

### Reference:

Header - SG1 – RFF  
DE 1060

### Related Fields:

Header - SG1 – RFF  
DE 1154  
DE 1153

### Description:

The revision number of the previously qualified purchase order or purchase order change document.

### Scenario:

This may be used in the scenario where various ORDERS, ORDRSP and ORDCHG messages are exchanged with changes made. Having a revision number ensures that the receiving party will always know which is the latest version of a document.

## [NAD] Name and Address

The NAD segment identifies parties and/or locations and that apply to the entire order. Varying business scenarios and entities have led to these codes being used differently for the same business scenario amongst trading partners in the past. In order to simplify which codes should be used when, the following matrix is provided.

This outlines both header level and detail level information required.

Scenario	BY (Buyer)	IV (Invoicee)	ST (Ship To)	SU (Supplier)	UD (Ultimate Customer)
	Party to whom merchandise and/or service is sold.	Party to whom an invoice is issued.	Identification of the party to where goods will be or have been shipped.	Party which provides service(s) and/or manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	The final recipient of goods.

## HEADER

<b>Direct to Store</b>	The party sending the order. Source of the order/placing.	Party whom receives the invoice. For example the head office. Franchise model.	Single store or blank	Provides goods. Supplier/manufacturer. Not GLN of EDI provider.	<b>Not used</b>
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<b>DC to Store(s)</b>	The party sending the order. Source of the order/placing.	Party whom receives the invoice. For example the head office. Franchise model.	Single DC	Provides goods. Supplier/manufacturer. Not GLN of EDI provider.	<b>Not used</b>
<b>DC Cross Dock to Store(s)</b>	The party sending the order. Source of the order/placing.	Party whom receives the invoice. For example the head office. Franchise model.	Single DC	Provides goods. Supplier/manufacturer. Not GLN of EDI provider.	<b>Not used</b>
<b>Direct to Customer</b>	The party sending the order. Source of the order/placing.	Party whom receives the invoice. For example the head office. Franchise model.	Blank	Provides goods. Supplier/manufacturer. Not GLN of EDI provider.	<b>Entire order direct to customer address</b>
<b>Store to Customer</b>	The party sending the order. Source of the order/placing.	Party whom receives the invoice. For example the head office. Franchise model.	DC or Store	Provides goods. Supplier/manufacturer. Not GLN of EDI provider.	<b>Not used</b>

## LINE/DETAIL

Direct to Store	Not used	Not used	LOC to define store	Not used	Not used
DC to Store	Not used	Not used	LOC to define store	Not used	Not used
DC Cross Dock to Store	Not used	Not used	LOC to define store	Not used	Not used
Direct to Customer	Not used	Not used	Not used	Not used	Blank if entire order to one customer. Used if multiple customers per order.
DC to Store to Customer	Not used	Not used	LOC to define store	Not used	Customer details

Further examples are held in a separate document.

## [NAD] Party qualifier

**Attribute Name:** Party function code qualifier

**System Mandatory:** Y (where NAD is used)

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** Y (at segment level)

**Code List:** Y

### Reference:

Header – SG3 – NAD  
DE 3035

### Related Fields:

SG3 – NAD

### Description:

Allowable values as defined for the industry are:

**'BY'** – Buyer

**'IV'** - Invoicee

**'ST'** – Ship To

**'SU'** – Supplier/Distributor

**'UD'** – Ultimate Customer

**'CS'** - Consolidator

See NAD segment information for definitions and scenarios.

### Scenario:

See NAD segment information for definitions and scenarios.

**Code 'CS'** will be only used where needed for import orders. This identifies the consolidation site prior to goods being delivered to the ship-to location.

## [NAD] Party Identification

**Attribute Name:** Party identifier

**System Mandatory:** Y (if NAD used)

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** N

**Code List:** N

Reference:

Header – SG3 – NAD

C082

3039

Related Fields:

C082

3055

**Description:**

Identifies the party/location specified within the 'party qualifier' field of the NAD.

The GS1 Global Location Number (GLN) is the recommended key to use. This is numeric and 13 digits in format.

**Scenario:**

Organisations are at differing levels of maturity in regards to GS1 Identification Key usage.

To allow for migration, companies may use buyer or seller assigned identifiers for parties and locations, however long term should work towards leverages the GLN.



## [NAD] Party Identification Agency

**Attribute Name:** Code list responsible agency code

**System Mandatory:** Y (If Party ID used)

**Format:** Alphanumeric

**Min/Max Length:** 1..2

**Repeatable:** N

**Code List:** Y

### Reference:

Header – SG2 – NAD

C082

3055

### Related Fields:

C082

3039

### Description:

Defines whether the party identification specified is a GS1 GLN, number assigned from the buyers system or number assigned from the sellers system.

**'9'** - GS1

**'91'** – Supplier assigned

**'92'** – Buyer assigned

### Scenario:

The GS1 EANCOM standard defines that only the code '9' is valid.

As previously defined, GS1 Australia has allowed for two additional codes to be leveraged for migration purposes. These being '91' and '92'.

## [NAD] Party Name

**Attribute Name:** Party name

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (one additional iteration)

**Code List:** N

### Reference:

Header – SG3 – NAD  
C080  
3036

### Related Fields:

C059  
DE 3042,  
DE 3164

### Description:

Name of the party previously identified in the 'party qualifier' field.

Generally used for addressing purposes as opposed to identification.

### Scenario:

The party name should only be sent in circumstances where the party or location cannot be codified, otherwise the information is redundant.

For example, a direct customer order where the supplier is required to use this information to make a delivery to a person/location, however this information has not been previously shared by the buyer submitting the order.

## [NAD] Party Street

**Attribute Name:** Street and number or post office box identifier

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (two additional iterations)

**Code List:** N

### **Description:**

Physical address of party or location. This may be one to three lines (one to three repeats) as required.

Should contain building name, street number, street name and PO box details as necessary.

### **Reference:**

Header – SG3 – NAD

C059

3042

### **Related Fields:**

C059

DE 3036,

DE 3164

### **Scenario:**

For example

1. AXXESS CORPORATE PARK
2. UNIT 100, 45 GILBY ROAD

## [NAD] Party City

**Attribute Name:** City name

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** N

**Code List:** N

### Reference:

Header – SG3 – NAD  
3164

### Related Fields:

C059  
DE 3036,  
DE 3042

### Description:

Physical address of party or location.

Should contain the city or suburb as relevant for addressing purposes.

### Scenario:

Specifies the relevant city or suburb.

Eg. MT WAVERLEY

## [NAD] Party State

**Attribute Name:** Country sub-entity name code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..9

**Repeatable:** N

**Code List:** N

### Reference:

Header – SG3 – NAD  
C819  
3229

### Related Fields:

C080 DE 3036,  
C059 DE 3042  
DE 3164

### Description:

Physical address of party or location.

Should contain the state or province as required for addressing purposes.

Recommended use ISO 3166-2 for code values.

### Scenario:

Specifies the relevant state/province.

For example, VIC

## [NAD] Party Postcode

**Attribute Name:** Country sub-entity name code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..17

**Repeatable:** N

**Code List:** N

### Reference:

Header – SG3 – NAD  
3251

### Related Fields:

C080 DE 3036,  
C059 DE 3042  
DE 3164  
C819 DE 3229

### Description:

Physical address of party or location.

Should contain the postcode for the specified address.

### Scenario:

Specifies the relevant postal code.

For example, '3149'

## [NAD] Party Country

**Attribute Name:** Country name code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..2

**Repeatable:** N

**Code List:** Y

### Reference:

Header – SG3 – NAD  
3207

### Related Fields:

C080 DE 3036,  
C059 DE 3042  
DE 3164  
C819 DE 3229

### Description:

Physical address of party or location.

Should contain the country code for the relevant address.

Values from ISO 3166 two alpha code list.

### Scenario:

Specifies the relevant country code.

For example, 'AU' for Australia.

## [RFF] Reference qualifier

**Attribute Name:** Reference code qualifier

**System Mandatory:** M (if RFF segment used)

**Format:** Alphanumeric

**Min/Max Length:** 2..3

**Repeatable:** Y (at segment level)

**Code List:** Y

### Reference:

Header – SG4 – RFF  
DE 1153

### Related Fields:

Header – SG4 – RFF  
DE 1154

### Description:

This segment is used to specify other references which relate to the transmission. The references given at this point are valid for the whole order unless superseded by references at line level.

**'AMT'** – Australian Business Number (ABN)

**'IA'** – Internal vendor number

### Scenario:

Relates specifically to the party previously identified in the NAD segment.



## [RFF] Reference

**Attribute Name:** Reference identifier

**System Mandatory:** M (if RFF segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..70

**Repeatable:** Y (at segment level)

**Code List:** N

### Reference:

Header – SG4 – RFF  
DE 1154

### Related Fields:

Header – SG4 – RFF  
DE 1153

### Description:

The actual reference value as outlined by the reference qualifier.

### Scenario:

As previously outlined

## [CUX] Currency qualifier

**Attribute Name:** Currency usage code qualifier

**System Mandatory:** Y (if CUX segment is used)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** N

**Code List:** Y

### Reference:

Header – SG8

C504

DE 6347

### Related Fields:

C504

DE 6345, 6343

### Description:

Is a set code list which must always contain code '2' when the CUX segment is used.

**'2'** - Reference currency

### Scenario:

This states that the amounts in the document are specified in the subsequently defined currency.

## [CUX] Currency code

**Attribute Name:** Currency identification code

**System Mandatory:** Y (if CUX segment is used)

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** N

**Code List:** Y

### Reference:

Header – SG8  
C504  
DE 6345

### Related Fields:

C504  
DE 6347, 6343

### Description:

Is the specified currency code. The appropriate code should be sourced from the ISO 4217 three alpha code list.

### Scenario:

This may be required where international trade is being conducted to ensure both parties understand the currency of amounts being specified.

For example, an order being placed by an Australian retailer to a New Zealand based supplier may specify 'AUD' to indicate the order is in Australian dollars.

## [CUX] Currency type

**Attribute Name:** Currency type code qualifier

**System Mandatory:** Y (if CUX segment is used)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** N

**Code List:** Y

### Reference:

Header – SG8  
C504  
DE 6343

### Related Fields:

C504  
DE 6347, 6345

### Description:

Specifies the specific process/application to which the previous currency relates.

For the industry only one code is applicable.

**'9'** – Ordering currency

### Scenario:

Provides further clarity that the currency being defined is the currency for the order document specifically.

If so agreed, the invoiced currency may be the same or different.

This may be specified within the invoice document.

## [PAC] Cases marked

**Attribute Name:** Package type description code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** N

**Code List:** Y

### Reference:

Header – SG 13

PAC

C202 DE 7065

### Related Fields:

SG14

PCI

### Description:

The PAC segment must be used as a 'trigger segment' in order for package markings to be included in the subsequent PCI segment.

**'CS'** – Case

Indicates that the order will contain cases.

### Scenario:

N/A

## [PCI] Cases marked type

**Attribute Name:** Marking instructions code

**System Mandatory:** Y (if PCI segment used)

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Header – SG 14

PCI

DE 4233

### Related Fields:

PCI

C210 DE 7102

### Description:

Identifies markings on the packaging of the product being ordered.

One code has been agreed by industry.

**'16'** - Buyer's instructions

This indicates that the previously mentioned cases bear markings as specified by the buyer.

### Scenario:

## [PCI] Case markings/instructions

**Attribute Name:** Shipping marks description

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (two additional instances)

**Code List:** N

### **Reference:**

Header – SG 14

PCI

C210 DE 7102

### **Related Fields:**

PCI

DE 4233

### **Description:**

Contains the markings on the packaging as required by the buyer.

It has been agreed by industry that up to three instances in total may be sent in a message.

This field should contain information that is specifically to be marked on the actual goods/package being received.

For details not marked, other areas of the message may be leveraged.

### **Scenario:**

The buyer may wish for the supplier to mark the ordered goods in a certain manner to assist their internal processing of the delivery.

An example may be the word 'PRIORITY' printed on cartons being sent in this order.

It may also request that a department name such as 'MENSWEAR' be printed, or an event description.

## [LIN] Line item sequence number

**Attribute Name:** Line item identifier

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 1..6

**Repeatable:** Y (once per LIN segment)

**Code List:** Y

### Reference:

Detail – SG26

LIN

DE 1082

### Related Fields:

LIN

C212 DE 7140, 7143

### Description:

Application generated number of the count of the order lines.

The line item number should start at '1' and increase in increments of 1. It is recommended that line item numbers are whole integers with no proceeding 'filler zeroes'.

Eg. 1, 2, 3, 4, 5 ...

Some systems are setup to provide different output (eg. 001, 002.. or 10, 20..) and senders should make their trading partners aware if this is the case.

### Scenario:

The purchase order is for 5 units each of two different products.

Line '1' is 5 x product A

Line '2' is 5 x product B



## [LIN] Action request/notification description code

**Attribute Name:** Action request/notification description code

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 1..2

**Repeatable:** Y (once per LIN segment)

**Code List:** Y

### Reference:

Detail – SG26

DE 1229

### Related Fields:

LIN

DE 1082

C212 DE 7140, DE 7143

### Description:

Indicates the change from the original purchase order.

**'3'** – Changed

**'5'** – Accepted without amendment

**'7'** – Not accepted

**'10'** – Not found

**'23'** – Proposed amendment

There is no requirement to send code '5' accepted. This is a legacy and will not be sent in situations where only changed or rejected line details are transmitted.

### Scenario:

Defines the action undertaken on a particular line item from the previous order/order change message.

A line may have been changed, accepted, not accepted or not found.

Case '23' may be used when a line is changed, but requires the full line information be sent and not just changed data.

## [LIN] Product identifier

**Attribute Name:** Item identifier

**System Mandatory:** Y

**Format:** Numeric

**Min/Max Length:** 8..14

**Repeatable:** Y (once per LIN segment)

**Code List:** N

### Reference:

Detail – SG26

LIN C212

DE 7140

### Related Fields:

LIN

DE 1082

C212 DE 7143

### Description:

Contains the Global Trade Item Number (GTIN) of the product ordered.

The GTIN should not contain insignificant zeroes (filler zeroes).

For example a GTIN-13 may be displayed as 9300000000002 and not 09300000000002.

Where there is a requirement for additional product codes, these will be provided in the PIA segment.

### Scenario:

The purchase order is for 5 units of a particular GTIN.

Line '1' is 5 x GTIN 9300000000002

## [LIN] Product identifier format

**Attribute Name:** Item type identification code

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** N

**Code List:** Y

### Reference:

Detail – SG26

LIN C212

DE 7143

### Related Fields:

LIN

DE 1082

C212 DE 7140

:

### Description:

Must always contain 'SRV' to indicate that the previously provided code is a GTIN.

**'SRV'** - GS1 Global Trade Item Number

### Scenario:

This is a GS1 EANCOM mandatory requirement.

Note: EANCOM 97 allowed two codes (EN, UP) to be provided here. Any parties migrating should be aware that these codes have been deleted from the new version of the standard and 'SRV' is the only applicable code.

## [PIA] Non-GTIN product identifier qualifier

**Attribute Name:** Product identifier code qualifier

**System Mandatory:** Y (if PIA segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** Y (at PIA segment level)

**Code List:** Y

### Reference:

Detail – SG26

PIA

DE 4347

### Related Fields:

PIA

C212 DE 7140, 7143

### Description:

Where there is a requirement for additional identification other than the GTIN, this segment is used. Two codes are allowable

**'1'** - Additional identification

**'3'** – Substituted by

**'5'** - Product identification

Code '1' will be used where additional information is required such as a product group code. Code '5' will be used where the identifier will be used as primary identification.

Code '3' is used where an item cannot be supplied and a substitute product is proposed by the sender.

### Scenario:

The GTIN is the agreed standard approach to identifying products.

In some circumstances there may be a requirement to include additional information such as product group code.

This element should only contain codes (not free text, description) and may or may not be unique to the product specified in the LIN segment.

Where products cannot be supplied for various reasons, the supplier may recommend a substitute item be supplied. For example a different pack quantity of the same consumer product, or a different colour of the same product.

## [PIA] Non-GTIN product identifier

**Attribute Name:** Item identifier

**System Mandatory:** Y (if PIA segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (at PIA segment level)

**Code List:** N

### Reference:

Detail – SG26

PIA C212

DE 7140

### Related Fields:

PIA

DE 4347

C212 DE 7143

### Description:

The additional product identifier code.

### Scenario:

The GTIN is the agreed standard approach to identifying products.

In some circumstances there may be a requirement to include additional information such as product group code.

This element should only contain codes (not free text, description) and may or may not be unique to the product specified in the LIN segment.

## [PIA] Non-GTIN product identifier type

**Attribute Name:** Item type identification code

**System Mandatory:** Y (if PIA segment used)

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** Y (at PIA segment level)

**Code List:** Y

### Reference:

Detail – SG26

PIA C212

DE 7143

### Related Fields:

PIA

DE 4347

C212 DE 7140

### Description:

The additional product identifier type. For example, a suppliers product number or buyers product number.

Allowable codes agreed by industry are:

**'IN'** - Buyer's item number (allocated by buyer)

**'SA'** - Supplier's article number (assigned by supplier)

### Scenario:

If there is a need to specify multiple additional identifiers - both a buyer item number and a seller item number – this should be achieved through repeating the segment level.

Eg.

PIA+1+100234:IN'

PIA+1+PR240001:SN'

## [IMD] Description format

**Attribute Name:** Description format code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** Y (segment level only)

**Code List:** Y

### **Reference:**

Detail – SG26

IMD

DE 7077

### **Related Fields:**

IMD

C272 DE 7081, DE 3055

C273 DE 7009, DE 7008, DE 3055

### **Description:**

If the sender explicitly wishes to state that the contained information is free-form (not codified) then they use this segment to indicate.

**'F'** – Free-form

### **Scenario:**

Only if the user wishes to explicitly state the text is free-form description. If not, this should be left out.

## [IMD] Item Characteristic code

**Attribute Name:** Item characteristic code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..3

**Repeatable:** Y (segment level only)

**Code List:** Y

### Reference:

Detail – SG26

IMD C272

DE 7081

### Related Fields:

IMD

DE 7077

C272 DE 3055

C273 DE 7009, DE 7008, DE 3055

### Description:

Defines a single characteristic to which the free-text description applies. Such as colour, style, size, brand, pattern, title, publisher, author.

Refer to the GS1 EANCOM code list 7081 for a full list of codes and definitions. Some examples:

**'35'** - Colour

**'98'** – Size

**'STE'** – Style

### Scenario:

Using the IMD segment there are two main choices to communicate the data. The nature of how the data will be used will dictate which method is chosen.

If the product is a white t-shirt size medium they may wish to break it down into specifics (Style: T-Shirt, Colour: White, Size: Medium) or a single string (WHITE S/S TSHIRT SIZE M).

If they wish to break it down into specifics, this segment provides information on the item characteristic.



## [IMD] Item Characteristic code agency

**Attribute Name:** Code list responsible agency code

**System Mandatory:** N (see description)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** Y (segment level only)

**Code List:** Y

### **Description:**

Only used if the item characteristic code specified previously (DE 7081) is a GS1 developed code.

If yes, this data element must be populated with '9' – GS1

If no, this data element must not be used

### **Reference:**

Detail – SG26

IMD C272

DE 3055

### **Related Fields:**

IMD

DE 7077

C272 DE 7081

C273 DE 7009, DE 7008, DE 3055

### **Scenario:**

N/A

## [IMD] Item Description qualifier

**Attribute Name:** Item description code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** Y (segment level only)

**Code List:** Y

### Reference:

Detail – SG26

IMD C273

DE 7009

### Related Fields:

IMD

DE 7077

C272 DE 7081, 3055

C273 DE 3055, DE 7008

### Description:

Only used if the sender explicitly needs to state that the description applies to the consumer unit (as opposed to the despatch unit, traded unit etc.)

If used, the only code allowed by industry is

**'CU'** – Consumer Unit

### Scenario:

N/A

## [IMD] Item Description qualifier agency

**Attribute Name:** Code list responsible agency code

**System Mandatory:** N (see description)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** Y (segment level only)

**Code List:** Y

### Reference:

Detail – SG26

IMD C273

DE 3055

### Related Fields:

IMD

DE 7077

C272 DE 7081, 3055

C273 DE 7009, DE 7008

### Description:

Only used if the item characteristic code specified previously (DE 7009) is used.

If yes, this data element must be populated with '9' – GS1

If no, this data element must not be used

### Scenario:

N/A

## [IMD] Item Description

**Attribute Name:** Item description

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..256

**Repeatable:** Y (one additional time)

**Code List:** N

### Reference:

Detail – SG26

IMD C273

DE 7008

### Related Fields:

IMD

DE 7077

C272 DE 7081, 3055

C273 DE 7009, DE 3055

### Description:

A free text description of the product.

### Scenario:

The description details may service a variety of purposes which will be specific to the retailer.

## [QTY] Quantity type

**Attribute Name:** Quantity type code qualifier

**System Mandatory:** Y (if QTY segment used)

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG26

QTY

C186

DE 6063

### Related Fields:

QTY

C186 DE 6060, 6411

### Description:

Defines the type of quantity being specified. Industry has agreed on three allowable values.

**'21'** – Ordered quantity

**'59'** – Number of consumer units in the traded unit

**'83'** – Back order quantity

**'113'** – Quantity to be delivered

All quantities apply to the product referred to in the LIN/PIA segments.

### Scenario:

If the buyer cannot supply the full amount they may wish to specify how many were ordered, how many are delivered and how many are on backorder.

For example 40 items are ordered, 35 to be delivered as scheduled and 5 on back order.

QTY+21:40'

QTY+113:35'

QTY+83:5'

## [QTY] Quantity

**Attribute Name:** Quantity

**System Mandatory:** Y (if QTY segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (segment level)

**Code List:** N

### Reference:

Detail – SG26

QTY

C186

DE 6060

### Related Fields:

QTY

C186 DE 6063, 6411

### Description:

The actual quantity being specified numerically.

This should be in integer form for product ordered in whole units. This should be the case in the vast majority of products.

Eg. 1, 15, 100

If variable measure products are used, these may leverage as many decimal places as required.

Eg. 18.1, 0.7591

### Scenario:

For example, 1 carton delivered.

QTY+113:1'

## [QTY] Quantity Unit of Measure

**Attribute Name:** Quantity

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG26

QTY

C186

DE 6411

### Related Fields:

QTY

C186 DE 6063, 6060

### Description:

List of units of measure based upon the UN/ECE Recommendation 20, Common code list. Refer to GS1 EANCOM 2002 standard in data element 6411 for the full list.

Some common codes:

**'EA'** –Each

**'KGM'** – Kilogram

**'LTR'** – Litre

**'MTR'** – Metre

### Scenario:

This element should only be used for variable measure products, that is, products where a unit of measurement (weight, length, count) change from order to order.

For example, two examples of carpet, one set measure, one variable.

- 1) 0.8m width roll of carpet is supplied in full rolls 10m in length  
– fixed measure
- 2) 0.8m width roll of carpet is supplied as required by the length  
– 5.5m one order, 8m the next – variable measure

In scenario 2, the quantity would be 5.5 and the unit of measure 'MTR' for metre.

## [DTM] Date or Time type

**Attribute Name:** Date or time or period function code qualifier

**System Mandatory:** Y (only if DTM segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG26

DTM

2005

### Related Fields:

DTM 2380 (Date and time)

DTM 2379 (Format)

### Description:

Contains various codes to indicate dates and times applicable to the line item specified.

**'2'** - Delivery date/time, requested

**'11'** – Despatch date and/or time

**'63'** - Delivery date/time, latest

**'64'** - Delivery date/time, earliest

**'506'** – Back order delivery date/time/period

**'359'** - Scheduled for delivery on or before (special service orders only)

### Scenario:

Delivery dates/times are specified at the header level of the message.

In some purchase order response scenarios, different delivery dates/times may be required for individual line items.



## [DTM] Date or Time

**Attribute Name:** Date or time or period value

**System Mandatory:** Y (only if DTM segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (segment level)

**Code List:** N

### Reference:

Detail – SG26

DTM

2380

### Related Fields:

DTM 2005 (Date and time qualifier)

DTM 2379 (Format)

### Description:

The actual date and time as indicated by the previous date/time qualifier.

For the line item referenced, this overwrites the date given at the header level of the message.

### Scenario:

For example, the delivery date for the order is October 18<sup>th</sup>, 2013 however line item 3 may be delivered by October 25<sup>th</sup>, 2013.

## [DTM] Date or Time format

**Attribute Name:** Date or time or period format code

**System Mandatory:** Y (only if DTM segment used)

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG26

DTM

2379

### Related Fields:

DTM 2005 (Date and time qualifier)

DTM 2380 (Value)

### Description:

Defines the format of the previously described date or time.

**102 – CCYYMMDD** (date only)

C=Century; Y=Year; M=Month; D=Day

### Scenario:

Industry has not defined a requirement for time specification on the previously mentioned date types.

Date only will be sent at line level.

## [MOA] Line total qualifier

**Attribute Name:** Monetary amount type code qualifier

**System Mandatory:** Y (if segment used)

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** Y (at segment level)

**Code List:** Y

### Reference:

Detail – SG26  
MOA  
C516  
DE 5025

### Related Fields:

MOA  
C516 DE 5004

### Description:

Defines that a monetary amount specific to the individual line item is to be specified.

Two codes are agreed for use.

**'128'** – Total amount

**'369'** - Goods and services tax

This is a completely optional segment used only for extra validation.

### Scenario:

This applies for the line item referenced previously, e.g. line item 1.

If the line item amount is specified, this will equal the total quantity (QTY) multiplied by the price (PRI).

This total includes allowances and charges.

If the goods and services tax amount is specified, this will equal the total quantity (QTY) multiplied by the price excluding taxes (PRI) multiplied by the applicable tax rate (TAX).

## [MOA] Line total

**Attribute Name:** Monetary amount

**System Mandatory:** Y (if segment used)

**Format:** Numeric

**Min/Max Length:** 1..35

**Repeatable:** Y (at segment level)

**Code List:** N

### Reference:

Detail – SG26

MOA

C516

DE 5004

### Related Fields:

MOA

C516 DE 5025

### Description:

Defines the actual monetary amount previously specified.

### Scenario:

A total line amount of 46.50 equals \$46.50.

## [FTX] Text subject qualifier

**Attribute Name:** Text subject code qualifier

**System Mandatory:** M (if FTX segment is used)

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG26

FTX

DE 4451

### Related Fields:

FTX

DE 4453

C108 4440

### Description:

The FTX segment is used when additional information is needed but cannot be accommodated within other segments. The qualifier indicates the nature of the information being transmitted.

**'PUR'** - Purchasing information

### Scenario:

By its nature segment contains pieces of information that are quite specific to individual businesses and often require manual interpretation as opposed to machine-to-machine.

## [FTX] Text function code

**Attribute Name:** Free text function code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG26

FTX

DE 4453

### Related Fields:

FTX

DE 4451

C108 4440

### Description:

Used to define a particular function of the free text. Only one code is available.

**'1'** - Text for subsequent use

The occurrence of this text does not affect message processing.

### Scenario:

Used in circumstances where the sender wishes to explicitly state that the free text information should not stop normal processing of the message.

## [FTX] Text

**Attribute Name:** Free text value

**System Mandatory:** M (if FTX segment is used)

**Format:** Alphanumeric

**Min/Max Length:** 1..512

**Repeatable:** Y (5 times per segment)

**Code List:** N

### Reference:

Detail – SG26

FTX

C108

DE 4440

### Related Fields:

FTX

DE 4451, 4453

### Description:

Free text field relating to the subject previously communicated.

### Scenario:

N/A

## [QVR] Quantity variance value

**Attribute Name:** Quantity variance value

**System Mandatory:** Y (if variance is specified)

**Format:** Numeric

**Min/Max Length:** 1..15

**Repeatable:** N

**Code List:** N

### Reference:

Detail – SG26

QVR

C279

DE 6064

### Related Fields:

QVR

C279 DE 6063

DE 4221

C960 DE 4295, DE 3055

### Description:

The actual value of the variance being specified. For negative values such as partial shipments, this must be expressed as a negative.

### Scenario:

For example, the purchase order requested 20 units be shipped however only 19 can be supplied.

QVR+-1:21'

Therefore the variance is -1



## [QVR] Quantity type qualifier

**Attribute Name:** Quantity type code qualifier

**System Mandatory:** Y (if variance is specified)

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** N

**Code List:** Y

### Reference:

Detail – SG26

QVR

C279

DE 6063

### Related Fields:

QVR

C279 DE 6064

DE 4221

C960 DE 4295, DE 3055

### Description:

The code list defines the type of quantity being specified in the variance. Industry has agreed that the variance will be defined in terms of the ordered quantity.

Must always equal

**'21'** – Ordered quantity

### Scenario:

The ordered quantity is that which is specified in both the purchase order/change documents as goods have not yet been shipped. Therefore the reference should be in these terms only.

## [QVR] Discrepancy nature

**Attribute Name:** Discrepancy nature identification code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** N

**Code List:** Y

### **Reference:**

Detail – SG26

QVR

DE 4221

### **Related Fields:**

QVR

C279 DE 6064, DE 6063

C960 DE 4295, DE 3055

### **Description:**

Defines the nature of the variance. Two allowable code values.

**'BP'** – Shipment partial - back order to follow

**'CP'** – Shipment partial - considered complete, no back order

### **Scenario:**

Where there is a variance from what is being ordered and what is being proposed to be shipped, a shipment will be considered incomplete or partial in nature.

This code defines whether a back order(s) will follow for the remaining ordered quantity, or if this should now be considered complete and no back order will follow.

## [QVR] Change/variance reason

**Attribute Name:** Change reason description code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 2..3

**Repeatable:** N

**Code List:** Y

### Reference:

Detail – SG26

QVR

C960

DE 4295

### Related Fields:

QVR

C279 DE 6064, DE 6063

DE 4221

C960 DE 3055

### Description:

A code list outlining the reasons for the discrepancy between the ordered quantity and what is being proposed.

The code list is exhaustive and should be referenced from GS1 EANCOM element 4295.

Any of these codes may be used as relevant.

### Scenario:

For example:

**'AUE'** – Article code unknown. GTIN not known.

**'AV'** – Item out of inventory

**'PC'** – Pack difference. The packaging of the product has changed.

## [QVR] Code list responsible agency

**Attribute Name:** Code list responsible agency code

**System Mandatory:** Y (if DE 4295 contains GS1 code)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** N

**Code List:** Y

**Reference:**

**Reference:**

Detail – SG26

QVR

C960

DE 4295

**Related Fields:**

QVR

C279 DE 6064, DE 6063

DE 4221

C960 DE 4295

**Description:**

Must be included if previous data element 4295 contains a GS1 maintained. Code.

**'9' - GS1**

**Scenario:**

System requirement. If code used is appended with "(GS1 Code)" then '9' should be present in this field. If not, it should be excluded altogether.

## [PRI] Price qualifier

**Attribute Name:** Price code qualifier

**System Mandatory:** Y

**Format:** Alphanumeric

**Min/Max Length:** 2..3

**Repeatable:** Y (segment level)

**Code List:** Y

**Reference:**

Detail – SG30

PRI

C509

DE 5125

**Related Fields:**

PRI C509

DE 5118, 5375, 5387, 5284, 6411:

### **Description:**

Defines whether the subsequent price includes/excludes taxes and allowances and charges. Three codes are available:

**'1E'** – Calculation net – including both taxes and allowances and charges.

**'AAA'** – Calculation net – excluding taxes but including allowances and charges.

**'AAB'** – Calculation gross- excluding both taxes and allowances and charges

### **Scenario:**

There are valid reasons to include both a price inclusive and exclusive of taxes.

Dependent upon current business practice, one or multiple of these may be sent.

## [PRI] Price

**Attribute Name:** Price code qualifier

**System Mandatory:** Y

**Format:** Numeric

**Min/Max Length:** 1..15

**Repeatable:** Y (segment level)

**Code List:** N

### Reference:

Detail – SG30

PRI

C509

DE 5118

### Related Fields:

PRI C509

DE 5125, 5375, 5387, 5284, 6411

### Description:

The actual price as defined by the qualifier and type.

### Scenario:

For example 1.1 equals \$1.10

## [PRI] Price type

**Attribute Name:** Price type code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..15

**Repeatable:** Y (segment level)

**Code List:** Y

### **Reference:**

Detail – SG30

PRI

C509

DE 5375

### **Related Fields:**

PRI C509

DE 5125, 5118 , 5387, 5284, 6411

### **Description:**

Defines the nature of the price.

If used, this should be coded to 'CT' only.

**'CT'** – Contract

### **Scenario:**

If the price defined is the contract price, this may be explicitly stated within this element.

## [PRI] Price Specification

**Attribute Name:** Price specification code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 2..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG30

PRI

C509

DE 5387

### Related Fields:

PRI C509

DE 5125, 5118, 5375, 5284, 6411

### Description:

Defines the price specification.

For example whether it applies to a traded unit, is the net unit price, the invoice price etc.

**‘TU’** – Traded unit price

**‘NTP’** – Net unit price

### Scenario:

This is optional and to give further context to a given price if this is required.



## [PRI] Unit price basis

**Attribute Name:** Unit price basis value

**System Mandatory:** N

**Format:** Numeric

**Min/Max Length:** 1..9

**Repeatable:** Y (segment level)

**Code List:** N

### Reference:

Detail – SG30

PRI

C509

DE 5284

### Related Fields:

PRI C509

DE 5125, 5118, 5375, 5387, 6411

### Description:

The unit price from which the price is derived.

Eg. \$10.50 per metre is 10.50

### Scenario:

Used when a product is a variable quantity product, e.g. price per 200 kilos, or when the unit of measure for purchasing, delivery, and invoicing are different for a product

## [PRI] Unit price basis unit of measure

**Attribute Name:** Unit price basis value

**System Mandatory:** N

**Format:** Numeric

**Min/Max Length:** 1..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG30

PRI

C509

DE 6411

### Related Fields:

PRI C509

DE 5125, 5118, 5375, 5387, 5284

### Description:

The unit price from which the price is derived.

Eg. \$10.50 per metre is '**MTR**'

List of units of measure based upon the UN/ECE Recommendation 20, Common code list. Refer to GS1 EANCOM 2002 standard in data element 6411 for the full list.

### Scenario:

Used when a product is a variable quantity product, e.g. price per 200 kilos, or when the unit of measure for purchasing, delivery, and invoicing are different for a product

## [RFF] Reference qualifier

**Attribute Name:** Reference code qualifier

**System Mandatory:** Y (if RFF segment used)

**Format:** Alphanumeric

**Min/Max Length:** 2..3

**Repeatable:** Y (at segment level)

**Code List:** Y

### Reference:

Detail – SG31 – RFF  
DE 1153

### Related Fields:

Detail – SG31 – RFF  
DE 1154  
DE 1156

### Description:

This segment is used to specify other references which relate to the line item. Only two codes are open for use as defined by industry.

**'LI'** – Line item reference number

**'CT'** – Contract

### Scenario:

This should reference the line item from the previous purchase order or purchase order change document to which this is responding.

## [RFF] Reference

**Attribute Name:** Reference identifier

**System Mandatory:** Y (if RFF segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..70

**Repeatable:** Y (at segment level)

**Code List:** N

### Reference:

Detail – SG31 – RFF  
DE 1154

### Related Fields:

Detail – SG31 – RFF  
DE 1153  
DE 1156

### Description:

The actual reference value as outlined by the reference qualifier.

### Scenario:

As previously outlined

## [RFF] Reference

**Attribute Name:** Document line identifier

**System Mandatory:** Y (if RFF segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..6

**Repeatable:** Y (at segment level)

**Code List:** N

### Reference:

Detail – SG31 – RFF  
DE 1156

### Related Fields:

Detail – SG31 – RFF  
DE 1154  
DE 1153

### Description:

The actual reference value line number as outlined by the reference qualifier.

### Scenario:

As previously outlined

## [LOC] Location function

**Attribute Name:** Location function code qualifier

**System Mandatory:** Y (If LOC used)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** Y (at segment level)

**Code List:** Y

### Reference:

Detail – SG35

LOC

DE 3227

### Related Fields:

LOC

C517 DE 3255, 3055

### Description:

Defines that the following location relates to a place of delivery. This code list is restricted by GS1 EANCOM to always equal '7'.

### Scenario:

At this level of the message the LOC segment should be used to define store details.

Refer to NAD usage matrix for further information.

## [LOC] Location name

**Attribute Name:** Location name code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..25

**Repeatable:** Y (at segment level)

**Code List:** N

### Reference:

Detail – SG35

LOC

C517

DE 3225

### Related Fields:

LOC

DE 3227

C517 DE 3055

### Description:

Contains the actual store name or code.

It is recommended this contains a GS1 GLN, however when GLNs are not available other identifiers may be used.

### Scenario:

For example, '9300000000002', '00023'

This will be the store for which the goods will be finally sent to, either for replenishment there, or for a final customer pick-up.

## [LOC] Location code agency

**Attribute Name:** Code list responsible agency code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..2

**Repeatable:** N

**Code List:** Y

### **Reference:**

Detail – SG35

LOC

C517

DE 3055

### **Related Fields:**

LOC

DE 3227

C517 DE 3225

### **Description:**

Defines whether the code is assigned by GS1 (GLN) or the buyer.

**'9'** – GS1

**'91'** – Supplier assigned

**'92'** – Buyer assigned

### **Scenario:**

N/A



## [QTY] Quantity type

**Attribute Name:** Quantity type code qualifier

**System Mandatory:** Y (if QTY segment used)

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG35

QTY

C186

DE 6063

### Related Fields:

QTY

C186 DE 6060, 6411

### Description:

Defines the type of quantity being allocated to the previously specified store/location.

**'11'** – Split quantity

The total of all split quantities must equal the total quantity specified in the quantity segment in SG26.

### Scenario:

For a given line item, the quantity ordered may need to be split across multiple stores. For example GTIN 9300000000002 has an ordered quantity of 30. Store A, will get 20 units, store B will get 9 and store C will get 1.

LOC+7+STORE-A::92'

QTY+11:20'

LOC+7+STORE-B::92'

QTY+11:9'

LOC+7+STORE-C::92'

QTY+11:1'

## [QTY] Quantity

**Attribute Name:** Quantity

**System Mandatory:** Y (if QTY segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (segment level)

**Code List:** N

### Reference:

Detail – SG35

QTY

C186

DE 6060

### Related Fields:

QTY

C186 DE 6063, 6411

### Description:

The actual quantity being specified numerically.

This should be in integer form for product ordered in whole units.

This should be the case in the vast majority of products.

Eg. 1, 15, 100

If variable measure products are used, these may leverage as many decimal places as required.

Eg. 18.1, 0.7591

### Scenario:

For example, 20 units to be delivered to STORE-A.

QTY+21:20'

## [QTY] Quantity Unit of Measure

**Attribute Name:** Quantity

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..3

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG35

QTY

C186

DE 6411

### Related Fields:

QTY

C186 DE 6063, 6060

### Description:

List of units of measure based upon the UN/ECE Recommendation 20, Common code list. Refer to GS1 EANCOM 2002 standard in data element 6411 for the full list.

Some common codes:

**'EA'** –Each

**'KGM'** – Kilogram

**'LTR'** – Litre

**'MTR'** – Metre

### Scenario:

This element should only be used for variable measure products, that is, products where a unit of measurement (weight, length, count) change from order to order.

For example, two examples of carpet, one set measure, one variable.

- 3) 0.8m width roll of carpet is supplied in full rolls 10m in length – fixed measure
- 4) 0.8m width roll of carpet is supplied as required by the length – 5.5m one order, 8m the next – variable measure

In scenario 2, the quantity would be 5.5 and the unit of measure 'MTR' for metre.

## [TAX] Tax or duty qualifier

**Attribute Name:** Duty or tax or fee function code qualifier

**System Mandatory:** Y (if segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** N

**Code List:** Y

### Reference:

Detail – SG36

TAX

DE 5283

### Related Fields:

TAX

C241 DE 5153

C243 DE 5278

DE 3446

### Description:

System requirement to indicate that the following information relates to a tax. Must be used if tax is specified with the following code.

**'7' - Tax**

### Scenario:

Allows the receiver to identify whether the product has GST applied to it.

## [TAX] Tax type (GST)

**Attribute Name:** Duty or tax or fee type name code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** N

**Code List:** Y

### Reference:

Detail – SG36

TAX C241

DE 5153

### Related Fields:

TAX

DE 5283

C243 DE 5278

DE 3446

### Description:

Indicates what type of tax is being applied. Should always be equal to one single code if used.

**'GST' – Goods and services tax**

### Scenario:

Allows the receiver to identify whether the product has GST applied to it.

## [TAX] GST rate

**Attribute Name:** Duty or tax or fee rate code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..17

**Repeatable:** N

**Code List:** N

### Reference:

Detail – SG36

TAX C243

DE 5278

### Related Fields:

TAX

DE 5283

C241 DE 5153

DE 3446

### Description:

The rate of GST applied to the particular line item.

This may be 0, 10 or anything in-between.

The '%' sign should not be included.

### Scenario:

Some products are GST exempt, some have the full rate applied, whilst others may have rate somewhere between. For example a kit that has been made up from both exempt and non-exempt products.

## [TAX] Tax exempt ID

**Attribute Name:** Party tax identifier

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..20

**Repeatable:** N

**Code List:** N

### **Reference:**

Detail – SG36

TAX

DE 3446

### **Related Fields:**

TAX

DE 5283

C241 DE 5153

C243 DE 5278

### **Description:**

An identifier referenced for purposes of item tax exemption.

### **Scenario:**

Some products are GST exempt. An identifier may be used as a reference to confirm that the product is exempt.

## [NAD] Party qualifier

**Attribute Name:** Party function code qualifier

**System Mandatory:** Y (where NAD is used)

**Format:** Alphanumeric

**Min/Max Length:** 2..2

**Repeatable:** Y (at segment level)

**Code List:** Y

### Reference:

Detail – SG37

NAD

DE 3035

### Related Fields:

C082 DE 3039, 3055

C080 DE 3036

C059 DE 3042

DE 3164

C819 DE 3229

DE 3251, DE 3207

### Description:

Allowable values as defined for the industry are:

**'UD'** – Ultimate Customer

See NAD segment information for definitions and scenarios.

### Scenario:

See NAD segment information for definitions and scenarios.

The 'UD' at this level will specify the final customer receiving the delivery. Where goods are being shipped directly to a customer their address information will be contained within this segment. Should the goods be sent to store for a customer pick-up, the customer may be identified here.



## [NAD] Party Identification

**Attribute Name:** Party identifier

**System Mandatory:** Y (if NAD used)

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** N

**Code List:** N

### Reference:

Detail – SG37

NAD

C082

3039

### Related Fields:

DE 3035

C082 DE 3055

C080 DE 3036

C059 DE 3042

DE 3164

C819 DE 3229

DE 3251, DE 3207

### Description:

Identifies the party/location specified within the 'party qualifier' field of the NAD.

### Scenario:

The GS1 Global Location Number (GLN) may be used, however if identifying a final customer this may not be logical.

Companies may use buyer or seller assigned identifiers for parties and locations.

## [NAD] Party Identification Agency

**Attribute Name:** Code list responsible agency code

**System Mandatory:** Y (If Party ID used)

**Format:** Alphanumeric

**Min/Max Length:** 1..2

**Repeatable:** N

**Code List:** Y

### Reference:

Detail – SG37

NAD

C082

3055

### Related Fields:

DE 3035

C082 DE 3039

C080 DE 3036

C059 DE 3042

DE 3164

C819 DE 3229

DE 3251, DE 3207

### Description:

Defines whether the party identification specified is a GS1 GLN, number assigned from the buyers system or number assigned from the sellers system.

**'9'** - GS1

**'91'** – Supplier assigned

**'92'** – Buyer assigned

### Scenario:

The GS1 EANCOM standard defines that only the code '9' is valid.

As previously defined, GS1 Australia has allowed for two additional codes to be leveraged for migration purposes. These being '91' and '92'.

## [NAD] Party Name

**Attribute Name:** Party name

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (one additional iteration)

**Code List:** N

### Reference:

Detail – SG37

NAD

C080

3036

### Related Fields:

DE 3035

C082 DE 3039, 3055

C059 DE 3042

DE 3164

C819 DE 3229

DE 3251, DE 3207

### Description:

Name of the party previously identified in the 'party qualifier' field.

Generally used for addressing purposes as opposed to identification.

### Scenario:

The party name should only be sent in circumstances where the party or location cannot be codified, otherwise the information is redundant.

For example, a direct customer order where the supplier is required to use this information to make a delivery to a person/location, however this information has not been previously shared by the buyer submitting the order.

## [NAD] Party Street

**Attribute Name:** Street and number or post office box identifier

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** Y (two additional iterations)

**Code List:** N

### Reference:

Detail – SG37

NAD

C059

3042

### Related Fields:

DE 3035

C082 DE 3039, 3055

C080, DE 3036

DE 3164

C819 DE 3229

DE 3251, DE 3207

### Description:

Physical address of party or location. This may be one to three lines (one to three repeats) as required.

Should contain building name, street number, street name and PO box details as necessary.

### Scenario:

For example

3. AXXESS CORPORATE PARK

4. UNIT 100, 45 GILBY ROAD

## [NAD] Party City

**Attribute Name:** City name

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..35

**Repeatable:** N

**Code List:** N

### Reference:

Detail – SG37

NAD

3164

### Related Fields:

DE 3035

C082 DE 3039, 3055

C080, DE 3036

C059 DE 3042

C819 DE 3229

DE 3251, DE 3207

### Description:

Physical address of party or location.

Should contain the city or suburb as relevant for addressing purposes.

### Scenario:

Specifies the relevant city or suburb.

Eg. MT WAVERLEY

## [NAD] Party State

**Attribute Name:** Country sub-entity name code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..9

**Repeatable:** N

**Code List:** N

**Reference:**

Detail – SG37

NAD

C819

3229

**Related Fields:**

DE 3035

C082 DE 3039, 3055

C080, DE 3036

C059 DE 3042

DE 3164, DE 3251, DE 3207

**Description:**

Physical address of party or location.

Should contain the state or province as required for addressing purposes.

Recommended use ISO 3166-2 for code values.

**Scenario:**

Specifies the relevant state/province.

For example, VIC

## [NAD] Party Postcode

**Attribute Name:** Country sub-entity name code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..17

**Repeatable:** N

**Code List:** N

### Reference:

Detail – SG37

NAD

3251

### Related Fields:

DE 3035

C082 DE 3039, 3055

C080, DE 3036

C059 DE 3042

DE 3164

C819 DE 3229

DE 3207

### Description:

Physical address of party or location.

Should contain the postcode for the specified address.

### Scenario:

Specifies the relevant postal code.

For example, '3149'

## [NAD] Party Country

**Attribute Name:** Country name code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..2

**Repeatable:** N

**Code List:** Y

### Reference:

Detail – SG37

NAD

3207

### Related Fields:

DE 3035

C082 DE 3039, 3055

C080, DE 3036

C059 DE 3042

DE 3164

C819 DE 3229

DE 3251

### Description:

Physical address of party or location.

Should contain the country code for the relevant address.

Values from ISO 3166 two alpha code list.

### Scenario:

Specifies the relevant country code.

For example, 'AU' for Australia.



## [ALC] Allowance or Charge qualifier

**Attribute Name:** Allowance or charge code qualifier

**System Mandatory:** Y (if segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** Y (segment level)

**Code List:** Y

### Reference:

Detail – SG41

ALC

DE 5463

### Related Fields:

ALC DE 1227

MOA

RTE

### Description:

The code qualifies whether the following information relates to an allowance or a charge.

**'A'** – Allowance

**'C'** – Charge

### Scenario:

N/A

## [ALC] Allowance/charge sequence

**Attribute Name:** Calculation sequence code

**System Mandatory:** N

**Format:** Alphanumeric

**Min/Max Length:** 1..2

**Repeatable:** Y (segment level)

**Code List:** N

### Reference:

Detail – SG41

ALC

DE 1227

### Related Fields:

ALC DE 5463

MOA

RTE

### Description:

If the allowance or charge is not to be applied against a fixed price then the calculation sequence indicator must be included.

The calculation sequence indicator is used when multiple allowances and/or charges are applicable.

### Scenario:

If various allowances and/or charges percentages, quantities, monetary amounts or rates are applicable to the same base price, then the calculation sequence indicator will always equal one.

If the various allowances and/or charges are applied against a fluctuating price (constantly because of the application of other allowances and/or charges) then the sequence of calculation is indicated using this data element.

## [MOA] Allowance /charge amount qualifier

**Attribute Name:** Monetary amount type code qualifier

**System Mandatory:** Y (if segment used)

**Format:** Alphanumeric

**Min/Max Length:** 3..3

**Repeatable:** Y (once per ALC segment)

**Code List:** Y

### Reference:

Detail – SG44  
MOA  
C516  
DE 5025

### Related Fields:

MOA  
C516 DE 5004

### Description:

Defines whether the monetary amount specified is an allowance or charge.

Two codes are agreed for use.

**'23'** – Charge amount

**'204'** – Allowance amount

### Scenario:

This applies for the line item referenced previously, e.g. line item 1. The amount applies to a given allowance or charge.

## [MOA] Allowance/charge amount

**Attribute Name:** Monetary amount

**System Mandatory:** Y (if segment used)

**Format:** Numeric

**Min/Max Length:** 1..35

**Repeatable:** Y (once per ALC segment)

**Code List:** N

### Reference:

Detail – SG44

MOA

C516

DE 5004

### Related Fields:

MOA

C516 DE 5025

### Description:

Defines the actual monetary amount previously specified.

### Scenario:

A charge amount of 5.50 equals \$5.50.

## [RTE] Allowance/charge rate qualifier

**Attribute Name:** Rate type code qualifier

**System Mandatory:** Y (if segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** Y (once per ALC segment)

**Code List:** Y

### Reference:

Detail – SG45  
RTE C128  
DE 5419

### Related Fields:

RTE  
C128 DE 5420

### Description:

Defines whether the rate specified is for an allowance or charge.

Two codes are agreed for use.

'1' – Allowance rate

'2' – Charge rate

### Scenario:

This applies for the line item referenced previously, e.g. line item 1. The amount applies to a given allowance or charge.

## [RTE] Allowance/charge rate

**Attribute Name:** Unit price basis rate

**System Mandatory:** Y (if segment used)

**Format:** Alphanumeric

**Min/Max Length:** 1..1

**Repeatable:** Y (once per ALC segment)

**Code List:** N

### Reference:

Detail – SG45

RTE C128

DE 5420

### Related Fields:

RTE

C128 DE 5420

### Description:

The actual rate of the allowance or charge specified.

### Scenario:

An applied trade discount allowance of 5% is 0.05

## [UNS] Section control

**Attribute Name:** Section identification

**System Mandatory:** Y

**Format:** Alpha

**Min/Max Length:** 1..1

**Repeatable:** N

**Code List:** Y

**Reference:**

Summary – UNS  
DE 0081

**Related Fields:**

N/A

**Description:**

Must always be included to separate the detail and summary sections of the message.

**Scenario:**

Must be used. This ensures the system can differentiate between the last MOA segment defined in the detail section and the MOA defined in the summary section.