

GS1 Australia

Consumer Goods Harmonised EDI Messages

Despatch Advice (ASN) 'Cookbook'

Version 1.0

Version Control

Release #	Release Date	Nature of change/comments	Author
1.0	2/9/2013	Version 1.0 release	Troy Denyer (GS1 Australia)

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[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 'DESADV' to indicate the format of the message is the GS1 EANCOM Despatch Advice message.

Scenario:

Despatch Advice (Advanced Shipping Notice) messages will always be sent using the DESADV message structure.

[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 'EAN007' to indicate that the message is the GS1 EANCOM version 007 of the UNSM Despatch Advice.

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 Despatch Advice is EAN007.

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:

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

Description:

Defines the type of despatch advice.

Allowable values are:

'351' – Despatch Advice

'YA5' – Intermediate handling cross docking despatch advice

Scenario:

In a cross-dock scenario, further information may be required to be sent in the document depending upon retailer requirements. Flagging the despatch advice as such allows systems to apply that logic.

[BGM] Code List Agency

Attribute Name: Code list responsible agency code

System Mandatory: Dependent

Format: Alphanumeric

Min/Max Length: 1..1

Repeatable: N

Code List: N

Reference:

Header – BGM
C002
DE 3055

Related Fields:

DE 1001

Description:

Where document type is YA5 (cross dock) the value '9' must be entered in this field to indicate a GS1 created code has been used.

Scenario:

N/A

[BGM] Despatch Advice 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 despatch advice that both parties would use as a reference to the document.

Scenario:

This will be assigned by the despatch advice 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

'5' - Replace

'7' – Duplicate

'9' – Original

'31' – Copy

Scenario:

'5' – Replace the previous version of despatch advice with this one. The previous despatch advice should be reference in the subsequent reference segment.

'7' – Duplicate sent on request

'9' – Original despatch advice

'31' – Copy sent, for example, to a third party

[DTM] Date or Time type

Attribute Name: Date or time or period function code qualifier

System Mandatory: Y

Format: Alphanumeric

Min/Max Length: 2..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 despatch advice. Code 137 must always be used at a minimum.

'11' - Despatch date and/or time

'17' - Delivery date/time, estimated

'137' - Document/message date/time

'234' - Collection date/time, earliest

Scenario:

If a date/time is included at line level, that will override the date referenced here.

Code '234' is used for primary freights.

[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 despatch advice is sent at 9am on the 23rd September 2013.
DTM+137:201309230900:203'

[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.

[ALI] Special condition code

Attribute Name: Special condition code

System Mandatory: N

Format: Alphanumeric

Min/Max Length: 3..3

Repeatable: Y (one additional time)

Code List: Y

Reference:

Header – ALI
4183

Related Fields:

N/A

Description:

Contains additional information regarding the shipment.

'168' - Standard pack shipment

'169' - Pick pack shipment

'164' – Shipment completes order

'165' – Split shipment

May be repeated in the same segment if required.

Scenario:

Codes '168' and '169' can define if the shipment is wholly comprised of standard packs, or is the result of a pick and pack operation. These were formerly codes X6 and X7 respectively.

Codes 164 and 165 can define whether additional shipments will arrive to complete the order (165) or whether this shipment completes the order (164).

Eg. ALI+++168+164' (A standard pack shipment completing the order)

[MOA] Freight charge

Attribute Name: Monetary amount type code qualifier

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 2..2

Repeatable: N

Code List: Y

Reference:

Header - MOA

C516

DE 5025

Related Fields:

MOA

C516 DE 5004, DE 6345

Description:

Defines that a monetary amount specific to the delivery.

'64' – Freight charge

Scenario:

[MOA] Freight charge amount

Attribute Name: Monetary amount

System Mandatory: Y (if segment used)

Format: Numeric

Min/Max Length: 1..35

Repeatable: N

Code List: N

Reference:

Header - MOA

C516

DE 5004

Related Fields:

MOA

C516 DE 5025, DE 6345

Description:

Defines the actual monetary amount previously specified.

Scenario:

A freight charge of 300.75 equals \$300.75

[MOA] Freight charge currency

Attribute Name: Currency identification code

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 1..3

Repeatable: N

Code List: Y

Reference:

Header - MOA

C516

DE 6345

Related Fields:

MOA

C516 DE 5025, DE 5004

Description:

The currency that the freight charge is declared in.

This should reference the ISO 4217 three alpha currency code list.

Any code from this list may be used as applicable.

Scenario:

A currency code of 'AUD' specifies that the freight charge is in Australian Dollars.

[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

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 despatch advice unless superseded by references at line level.

'CN' - Carrier's reference number

'IV' - Invoice number

'ON' – Order number (buyer)

'VN' - Order number (supplier)

'AAQ' - Unit load device (e.g. container) identification number

'AAS' - Transport document number

'IT' - Internal customer number

'SRN' - Shipment reference number

Scenario:

AAQ – Will contain the Global Returnable Asset Identifier (GRAI) or Global Individual Asset Identifier (GIAI) of the physical shipping container.

AAS – Where a consolidator is creating this document, may contain the Global Identification Number for Consignment (GINC)

SRN – Where a supplier is creating the transport document for a single shipment, this code will be used to identify the Global Shipment Identification Number (GSIN)

[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

Description:

The actual reference value as outlined by the reference qualifier.

Scenario:

As previously outlined

[DTM] Date or Time type

Attribute Name: Date or time or period function code qualifier

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 1..3

Repeatable: Y (once per RFF use)

Code List: Y

Reference:

Header – SG1

DTM

DE 2005

Related Fields:

DTM 2380 (Date and time)

DTM 2379 (Format)

Description:

Contains code 171 to define the date and time of the identifier in the previous reference segment.

'171' - Reference date/time

Scenario:

Used if applicable.

[DTM] Date or Time

Attribute Name: Date or time or period value

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 1..35

Repeatable: Y (once per RFF use)

Code List: N

Reference:

Header – SG1

DTM

DE 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.

Scenario:

For example the order referenced previously was created at 9am on the 18th September 2013.

DTM+171:201309180900:203'

[DTM] Date or Time format

Attribute Name: Date or time or period format code

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 3..3

Repeatable: Y (once per RFF use)

Code List: Y

Reference:

Header – SG1

DTM

DE 2379

Related Fields:

DTM 2005 (Date and time qualifier)

DTM 2380 (Value)

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.

[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

Direct to Store	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.	Not used
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DC to Store(s)	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.	Not used
DC Cross Dock to Store(s)	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.	Not used
Direct to Customer	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.	Entire order direct to customer address
Store to Customer	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.	Not used

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 – SG2 – NAD
DE 3035

Related Fields:

Description:

Allowable values as defined for the industry are:

'BY' – Buyer

'CA' – Carrier

'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.

[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 – SG2 – 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 – SG2 – 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

Reference:

Header – SG2 – NAD
C059
3042

Related Fields:

C059
DE 3036,
DE 3164

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

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 – SG2 – 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 – SG2 – 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 – SG2 – 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 – SG2 – 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.

[LOC] Location function

Attribute Name: Location function code qualifier

System Mandatory: Y (If LOC used)

Format: Alphanumeric

Min/Max Length: 1..1

Repeatable: N (segment may be repeated)

Code List: Y

Reference:

SG2 – LOC

DE 3227

Related Fields:

Description:

Defines that the following location as either a place of delivery or place of destination.

'7' – Place of delivery

Place to which the goods are to be finally delivered under transport contract terms (operational term).

'8' – Place of destination

Port, airport or other location to which a means of transport or transport equipment is destined.

Scenario:

At this level of the message the LOC segment should be used to define a sub-location of that previously mentioned in the NAD segment.

This should not contain a store reference for cross dock scenarios. Store details should be held in the LOC segment appearing at the detail level of the message.

[LOC] Location name

Attribute Name: Location name code

System Mandatory: N

Format: Alphanumeric

Min/Max Length: 1..25

Repeatable: N

Code List: N

Reference:

Header - SG2 – LOC
DE 3225

Related Fields:

DE 3055

Description:

Contains the actual sub location 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'

[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:

Header - SG2 – LOC
DE 3055

Related Fields:

DE 3225

Description:

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

'9' – GS1

'91' – supplier assigned

'92' – buyer assigned

Scenario:

N/A

[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 – SG3 – RFF
DE 1153

Related Fields:

Header – SG3 – 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 – SG3 – RFF
DE 1154

Related Fields:

Header – SG3 – RFF
DE 1153

Description:

The actual reference value as outlined by the reference qualifier.

Scenario:

As previously outlined

[CPS] Hierarchical level

Attribute Name: Hierarchical structure level identifier

System Mandatory: Y

Format: Alphanumeric

Min/Max Length: 1..2

Repeatable: Y (per segment)

Code List: N

Reference:

Header – SG10
CPS
DE 7164

Related Fields:

CPS
DE 7166
DE 7075

Description:

Identifier of a given instance of the CPS. This number should be sequential and allows a link back to other levels of the hierarchy.

Scenario:

The CPS segment is used to identify the hierarchy of packaging contained within a given Despatch Advice message.

A repeat of the CPS should occur for each grouping of goods indicating the level of packaging in which it appears.

For example, the first level of packaging (the shipment level) is given the identifier '1'.

[CPS] Hierarchical parent

Attribute Name: Hierarchical structure parent identifier

System Mandatory: Y

Format: Alphanumeric

Min/Max Length: 1..2

Repeatable: Y (per segment)

Code List: N

Reference:

Header – SG10

CPS

DE 7166

Related Fields:

CPS

DE 7164

DE 7075

Description:

Defines the next higher level of packaging (parent) of the specified CPS.

Scenario:

For example, a shipment containing loose cartons. The cartons are specified with CPS level 2. The higher level to which they link is the shipment level which is identified with '1'.

CPS+2+1'

[CPS] Packaging level

Attribute Name: Hierarchical structure parent identifier

System Mandatory: Y

Format: Alphanumeric

Min/Max Length: 1..2

Repeatable: Y (per segment)

Code List: Y

Reference:

Header – SG10

CPS

DE 7075

Related Fields:

CPS

DE 7164

DE 7166

Description:

Provides further information about the packaging level specified.
Helps to provide an indication as to the physical level of packing.

'1E' – Highest

'5' – Shipment

'3' – Outer

'2' – Intermediate

'1' – Inner

'4' – No hierarchy

Scenario:

For example the carton level specified previously may be considered 'outer' in nature. This would be identified with '3'.

CPS+2+1+3'

[PAC] Package quantity

Attribute Name: Package quantity

System Mandatory: N

Format: Numeric

Min/Max Length: 1..8

Repeatable: Y (per segment)

Code List: N

Reference:

Header – SG11

PAC

DE 7224

Related Fields:

PAC

C202 DE 7065, DE 3055

Description:

The total number of packages contained in the hierarchical level specified.

Scenario:

For example the shipment contains 10 cartons.

PAC+10++CT'

[PAC] Type of packaging

Attribute Name: Package type description code

System Mandatory: N

Format: Alphanumeric

Min/Max Length: 1..3

Repeatable: Y (per segment)

Code List: Y

Reference:

Header – SG11

PAC

C202 DE 7065

Related Fields:

PAC

DE 7224

C202 DE 3055

Description:

The type of package being specified. This is sourced from the GS1 EANCOM code list in DE 7065, based upon UN/ECE Recommendation No. 21.

Any code can be used from the list.

Scenario:

Some commonly used codes include:

‘09’ – Returnable pallet

‘PK’ – Package

‘CT’ – Carton

‘BG’ – Bag

‘SL’ – Slipsheet

[PAC] Type of packaging agency

Attribute Name: Package type description code

System Mandatory: N

Format: Alphanumeric

Min/Max Length: 1..3

Repeatable: Y (per segment)

Code List: Y

Reference:

Header – SG11

PAC

C202 DE 3055

Related Fields:

PAC

DE 7224

C202 DE 7065

Description:

Must contain code '9' if the package type specified in DE 7065 contains a GS1 managed code. For example, if a returnable pallet is defined.

'9' – GS1

If a GS1 code is not specified this should be omitted.

Scenario:

N/A

[MEA] Measurement purpose qualifier

Attribute Name: Measurement purpose code qualifier

System Mandatory: Y (if MEA segment is used)

Format: Alphanumeric

Min/Max Length: 2..2

Repeatable: N

Code List: Y

Reference:

Header – SG11

DE 6311

Related Fields:

C502

DE 6313, DE 6321

C174

DE 6411

Description:

Defines the purpose of the measurement being provided. This will be set to code 'PD'.

'PD' – Physical dimensions

Scenario:

This will be the physical dimensions of the package/units described in the PAC segment.

[MEA] Measured unit attribute

Attribute Name: Measured attribute code

System Mandatory: Y (if MEA segment is used)

Format: Alphanumeric

Min/Max Length: 2..3

Repeatable: Y (segment level)

Code List: Y

Reference:

Header – SG11
C502
DE 6313

Related Fields:

DE 6311
C502 DE 6321
C174 DE 6411

Description:

Defines the measurement unit specified.

'AAB' – Unit gross weight

'ABJ' – Volume

'HT' – Height dimension

'LAY' – Number of layers

'LN' – Length dimension

'ULY' – Number of units per layer

'WD' – Width dimension

Scenario:

'ABJ' will refer to the total 'air space' volume taken up by the unit identified.

'LAY' and ULY can be used to reference the TI-HI.

'AAB' will be the gross weight of the goods inclusive of packaging but excluding carriers equipment.

[MEA] Measurement significance code

Attribute Name: Measurement significance code

System Mandatory: N

Format: Alphanumeric

Min/Max Length: 1..2

Repeatable: N

Code List: Y

Reference:

Header – SG11

C502

DE 6321

Related Fields:

DE 6311

C502 DE 6313

C174 DE 6411. DE 6314

Description:

Provides a qualification on the measurement being specified. Any of the qualifiers in DE 6321 may be used.

'3' – Approximately

'4' – Equal to

'5' – Greater than or equal to

'6' – Greater than

'7' – Less than

'8' – Less than or equal to

'12' – True value

Scenario:

N/A

[MEA] Measurement unit code

Attribute Name: Measurement value

System Mandatory: Y (if MEA segment is used)

Format: Alphanumeric

Min/Max Length: 2..3

Repeatable: N

Code List: Y

Reference:

Header – SG11
C502
DE 6411

Related Fields:

DE 6311
C502 DE 6313, DE 6321
C174 DE 6314

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:

The unit of measure of the specified measurement. For example the volume is defined in cubic metres (MTR).

[MEA] Measurement value

Attribute Name: Measurement value

System Mandatory: N

Format: Alphanumeric

Min/Max Length: 1..18

Repeatable: Y (at segment level)

Code List: N

Reference:

Header – SG11

C502

DE 6411

Related Fields:

DE 6311

C502 DE 6313, DE 6321

C174 DE 6411

Description:

The measurement value being specified.

Scenario:

The number of layers (LAY) on the pallet (09) is '6'.

[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 – SG11

QTY

C186

DE 6063

Related Fields:

QTY

C186 DE 6060

Description:

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

'12' – Despatched quantity (**Work Request Pending**)

'21' – Ordered quantity

'52' – Quantity per pack

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

Scenario:

The code '52' may be used to define the number of packages defined in the previous PAC segment.

Additionally if there is a requirement, the number of consumer units in the traded unit, or original ordered quantity may be specified.

[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 – SG11

QTY

C186

DE 6060

Related Fields:

QTY

C186 DE 6063

Description:

The actual quantity being specified numerically.

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

Eg. 1, 15, 100

Scenario:

For example, 40 cartons are provided at the shipment level of the despatch.

QTY+52:40'

[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 13

PCI

DE 4233

Related Fields:

GIN

Description:

Identifies markings on the packaging of the product being ordered.

Two codes have been agreed by industry.

'33E' – Marked with SSCC

'23' – Marked with GINC or GSIN (**Work Request Pending**)

Scenario:

Used where packages may be marked with a Serial Shipping Container Code (SSCC), Global Identification Number for Consignment (GINC) or Global Shipment Identification Number (GSIN).

The identifier will be held in the GIN segment following.

[GIN] Pack identification type

Attribute Name: Object identification code qualifier

System Mandatory: Y (if PCI used)

Format: Alphanumeric

Min/Max Length: 2..3

Repeatable: Y (segment level)

Code List: Y

Reference:

Header – SG 15

GIN

7405

Related Fields:

GIN

C208 DE 7402

Description:

Defines the type of identification number as previously indicated is marked on the logistics unit.

‘AW’ – Serial Shipping Container Code (SSCC)

‘GS’ – Global Shipment Identification Number (GSIN) (**Work Request Pending**)

Scenario:

A SSCC can be used to uniquely identify a logistics unit throughout the supply chain.

Where there is a requirement to identify a single shipment this may be referenced at the header level of the message. Where a despatch advice is for a consignment containing multiple shipments, these may be identified at this level using the GSIN.

[GIN] Pack identification type

Attribute Name: Object identifier

System Mandatory: Y (if PCI used)

Format: Alphanumeric

Min/Max Length: 6..35

Repeatable: Y (segment level)

Code List: N

Reference:

Header – SG 15

GIN

7402

Related Fields:

GIN

DE 7405

Description:

Actual identifier as previously qualified. A SSCC, GSIN or GINC.

Scenario:

[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 – SG17

LIN

DE 1082

Related Fields:

LIN

C212 DE 7140, 7143

Description:

Application generated number of the count of 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 carton previously identified contains 10 of a particular product and 15 of a different product.

Line '1' is 10 x GTIN 9300000000002

Line '2' is 15 x GTIN 9300000000019

[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 – SG17

LIN C212

DE 7140

Related Fields:

LIN

DE 1082

C212 DE 7143

Description:

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

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 carton previously identified contains 10 of a particular product and 15 of a different product.

Line '1' is 10 x GTIN 9300000000002

Line '2' is 15 x GTIN 93000000000019

[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 – SG17

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 – SG17

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

'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.

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

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 – SG17

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 – SG17

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'

[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 – SG17

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.

'12' – Despatch quantity

'21' – Ordered quantity

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

Scenario:

The sender will typically send the despatch quantity, however they may also wish to send the quantity originally ordered, or specify how many consumer units are in the trad unit specified in the LIN segment.

If the despatch quantity is 15, but the ordered quantity was 20.

QTY+12:15'

QTY+21:20'

[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 – SG17

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, 15 cartons despatched.

QTY+12:15'

[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 – SG17

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.

[ALI] Special condition code

Attribute Name: Special condition code

System Mandatory: N

Format: Alphanumeric

Min/Max Length: 3..3

Repeatable: Y (one additional time)

Code List: Y

Reference:

Detail – SG17

ALI

4183

Related Fields:

N/A

Description:

Contains additional information regarding the shipment.

'164' – Shipment completes order (**Work Request Pending**)

'165' – Split shipment (**Work Request Pending**)

Scenario:

Details at the line level whether the total ordered quantity has been delivered or not.

Codes 164 and 165 can define whether additional shipments will arrive to complete the order (165) or whether this shipment completes the order (164).

Eg. ALI++++164' (Shipment completes the order)

[DTM] Date or Time type

Attribute Name: Date or time or period function code qualifier

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 1..3

Repeatable: Y (once per RFF use)

Code List: Y

Reference:

Detail – SG17

DTM

DE 2005

Related Fields:

DTM 2380 (Date and time)

DTM 2379 (Format)

Description:

Contains code 171 to define the date and time of the identifier in the previous reference segment.

'361' - Best before date

Scenario:

Used only for items where a best before may be applicable such as food items, otherwise this will be left out.

[DTM] Date or Time

Attribute Name: Date or time or period value

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 1..35

Repeatable: Y (once per RFF use)

Code List: N

Reference:

Detail – SG17

DTM

DE 2380

Related Fields:

DTM 2005 (Date and time qualifier)

DTM 2379 (Format)

Description:

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

Scenario:

For example the item ordered has a best before of August 1st 2014

DTM+171:20140801:102

[DTM] Date or Time format

Attribute Name: Date or time or period format code

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 3..3

Repeatable: Y (once per RFF use)

Code List: Y

Reference:

Detail – SG17

DTM

DE 2379

Related Fields:

DTM 2005 (Date and time qualifier)

DTM 2380 (Value)

Description:

Defines the format of the previously described date.

102 – CCYYMMDD (date only)

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

Scenario:

N/A

[MOA] Freight charge

Attribute Name: Monetary amount type code qualifier

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 2..2

Repeatable: N

Code List: Y

Reference:

Detail – SG17

MOA C516

DE 5025

Related Fields:

MOA

C516 DE 5004, DE 6345

Description:

Defines that a monetary amount specific to the delivery.

'64' – Freight charge

Scenario:

Where a freight charge is applicable against one specific line item.

The total of all freight charges specified at line level should equal that specified at the header of the message.

[MOA] Freight charge amount

Attribute Name: Monetary amount

System Mandatory: Y (if segment used)

Format: Numeric

Min/Max Length: 1..35

Repeatable: N

Code List: N

Reference:

Detail – SG17

MOA C516

DE 5004

Related Fields:

MOA

C516 DE 5025, DE 6345

Description:

Defines the actual monetary amount previously specified.

Scenario:

A freight charge of 30.50 equals \$30.50

[MOA] Freight charge currency

Attribute Name: Currency identification code

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 1..3

Repeatable: N

Code List: Y

Reference:

Detail – SG17

MOA C516

DE 6345

Related Fields:

MOA

C516 DE 5025, DE 5004

Description:

The currency that the freight charge is declared in.

This should reference the ISO 4217 three alpha currency code list.

Any code from this list may be used as applicable.

Scenario:

A currency code of 'AUD' specifies that the freight charge is in Australian Dollars.

[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 – SG18 – RFF
DE 1153

Related Fields:

Detail – SG33 – RFF
DE 1154

Description:

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

'ON' – Order number (buyer)

Scenario:

Reference the purchase order to which the goods have been despatched in relation to.

[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 – SG18 – RFF
DE 1154

Related Fields:

Detail – SG33 – RFF
DE 1153

Description:

The actual reference value as outlined by the reference qualifier.

Scenario:

References the actual purchase order number being referenced.

Eg. Purchase order #PO02125
RFF+ON:PO2125'

[RFF] Reference line

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 – SG18 – RFF
DE 1156

Related Fields:

Detail – SG33 – RFF
DE 1153

Description:

The line item of the document being referenced.

Scenario:

References the line item number of the purchase order referenced.

For example, line number 1 of Purchase order #PO02125
RFF+ON:PO2125:1'

[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 – SG20

LOC

DE 3227

Related Fields:

LOC

C517 DE 3255, 3055

Description:

Defines that the following location as either a place of delivery or place of destination.

'7' – Place of delivery

Place to which the goods are to be finally delivered under transport contract terms (operational term).

'8' – Place of destination

Port, airport or other location to which a means of transport or transport equipment is destined.

Scenario:

At this level of the message the LOC segment may be used to define store details or the secondary cross-docked location.

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 – SG20

LOC

C517

DE 3225

Related Fields:

LOC

DE 3227

C517 DE 3055

Description:

Contains the actual location 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 location for which the goods will be finally sent to, this may be a store.

[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 – SG20

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

'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 – SG37

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

'21' – Ordered quantity

The total of all split quantities must equal the total quantity specified in the quantity segment in SG17.

Scenario:

For a given line item, the quantity ordered may be delivered to a single location but allocated to be split across multiple stores. For example GTIN 9300000000002 has a delivered quantity of 20. Store A, will get 10 units, store B will get 10.

LOC+7+STORE-A::92'

QTY+11:10'

LOC+7+STORE-B::92'

QTY+11:10'

This implies that the goods need to be split after receipt for final delivery. Generally this will not be leveraged as the full amount as previously defined has been packed for delivery to location provided previously.

[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 – SG37

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+11:20'

[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 – SG37

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.

[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:

Detail – SG22

PCI

DE 4233

Related Fields:

GIN

Description:

Identifies markings on the packaging of the product being ordered.

Two codes have been agreed by industry.

'33E' – Marked with SSCC

'34E' – Marked with GS1 number (GS1 Code)

Scenario:

Used where packages may be marked with a Serial Shipping Container Code (SSCC) or Global Trade Item Number (GTIN) and this needs to be specifically defined.

In the case of GTINs, this number should be captured at the LIN segment, so this would explicitly state that the product has been marked.

[GIN] Pack identification type

Attribute Name: Object identification code qualifier

System Mandatory: Y (if PCI used)

Format: Alphanumeric

Min/Max Length: 2..3

Repeatable: Y (segment level)

Code List: Y

Reference:

Detail – SG 23

GIN

7405

Related Fields:

GIN

C208 DE 7402, DE7402

Description:

Defines the type of identification number as previously indicated is marked on the logistics unit.

‘AW’ – Serial Shipping Container Code (SSCC)

‘BN’ – Serial number

‘SRV’ – Global Trade Item Number (GTIN)

Scenario:

Potentially the goods identified in the LIN segment could each be marked a SSCC. That is they are both a consumer unit and a logistic unit. Where that is the case the SSCC can be included here.

For cases where it is critical to identify serial numbers, these may be included here.

As mentioned previously, the GTIN marked on the product will have been identified in the LIN segment, however to explicitly state that the product has been marked, a GTIN may be included.

[GIN] Pack identification (single number or range start)

Attribute Name: Object identifier

System Mandatory: Y (if PCI used)

Format: Alphanumeric

Min/Max Length: 1..35

Repeatable: Y (segment level)

Code List: N

Reference:

Detail – SG 23
GIN
7402

Related Fields:

GIN
DE 7405
DE 7402

Description:

Actual identifier as previously qualified. Either a GTIN, Serial Number or SSCC.

The range may be repeated up to four additional times per segment.

Scenario:

If the sender wishes to send a large quantity of numbers, for example if serial numbers are included, this can be the first number in a range.

[GIN] Pack identification (range end)

Attribute Name: Object identifier

System Mandatory: N

Format: Alphanumeric

Min/Max Length: 1..35

Repeatable: Y (segment level)

Code List: N

Reference:

Detail – SG 23
GIN
7402

Related Fields:

GIN
DE 7405
DE 7402

Description:

Actual identifier as previously qualified. Either a GTIN, Serial Number or SSCC.

The range may be repeated up to four additional times per segment.

Scenario:

If the sender wishes to send a large quantity of numbers, for example if serial numbers are included, this can be the last number in a range.

[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 – SG25

QVR

C279

DE 6064

Related Fields:

QVR

C279 DE 6063

DE 4221

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 are despatched. Therefore the variance is -1
QVR+-1:21'

Note: This segment is retained for use within the Consumer Electronics (CEWAG) sector only. The General Merchandise retailers involved in this group were adamant that this segment not be sent. The reason being that the Despatch Advice (ASN) is too late in the procurement process to advise of quantity changes.

[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 – SG25

QVR

C279

DE 6063

Related Fields:

QVR

C279 DE 6064

DE 4221

Description:

The code list defines the type of quantity being specified in the variance.

'21' – Ordered quantity

'66' – Committed quantity

Scenario:

Can either be the ordered quantity, or that which was previously committed.

Note: This segment is retained for use within the Consumer Electronics (CEWAG) sector only. The General Merchandise retailers involved in this group were adamant that this segment not be sent. The reason being that the Despatch Advice (ASN) is too late in the procurement process to advise of quantity changes.

[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 – SG25

QVR

DE 4221

Related Fields:

QVR

C279 DE 6064, DE 6063

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.

Note: This segment is retained for use within the Consumer Electronics (CEWAG) sector only.

[DTM] Date or Time type

Attribute Name: Date or time or period function code qualifier

System Mandatory: Y

Format: Alphanumeric

Min/Max Length: 2..3

Repeatable: Y (segment level)

Code List: Y

Reference:

Detail – SG25

DTM

2005

Related Fields:

DTM

DE 2380, DE 2379

Description:

Contains various codes to indicate dates and times applicable to the variance quantity.

'17' - Delivery date/time, estimated

'X13' - Expect to ship by (GS1 Code)

Scenario:

The estimated delivery or ship by date of the variance quantity amount.

[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:

Detail – SG25

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 20 units were ordered but only 19 despatched. The remaining 1 unit will be shipped by November 29th.

DTM+X13:20131129:102'

[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:

Detail – SG25

DTM

2379

Related Fields:

DTM

DE 2005, DE 2380

Description:

Defines the format of the previously described date or time.

102 – CCYYMMDD (date only)

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

Scenario:

N/A

[CNT] Control qualifier

Attribute Name: Control total type code qualifier

System Mandatory: Y (if segment used)

Format: Alphanumeric

Min/Max Length: 1..1

Repeatable: Y (at segment level)

Code List: Y

Reference:

Summary

CNT

C270

DE 6069

Related Fields:

CNT

C270 DE 6066

Description:

Control totals may be provided by the sender for checking by the receiver.

Allowable controls:

'1' - Total value of all QTY segments at line level in a message. The total of all DE 6060 values.

'2' - Number of line items in message

'11' – Total number of packages (adding all values of PAC, DE 7224)

Scenario:

For validation the message has been sent in full and no lines are missing from the communication.

[CNT] Control total

Attribute Name: Control total value

System Mandatory: Y (if segment used)

Format: Numeric

Min/Max Length: 1..18

Repeatable: Y (at segment level)

Code List: N

Reference:

Summary

CNT

C270

DE 6066

Related Fields:

CNT

C270 DE 6069

Description:

Control value.

Scenario:

N/A

[UNT] Total segments

Attribute Name: Number of segments in the message

System Mandatory: Y

Format: Numeric

Min/Max Length: 1..6

Repeatable: N

Code List: N

Reference:

Summary

UNT

DE 0074

Related Fields:

UNT

DE 0062

Description:

Provides the total number of segments in the message (including the UNH & UNT) for control purposes.

Scenario:

N/A

[UNT] Message reference number

Attribute Name: Message reference number

System Mandatory: Y

Format: Alphanumeric

Min/Max Length: 1..14

Repeatable: N

Code List: N

Reference:

Summary

UNT

DE 0062

Related Fields:

UNT DE 0074

Header – UNH DE 0062

Description:

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

Must match that given in the UNH segment.

Scenario:

N/A