



Hardware GS1 Action Group

# **Purchase Order Data Definitions Mapping**

Version 1.0

## Disclaimer

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## Document Change Control

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v0.1	15/12/08	Draft for public review	GS1
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## Acknowledgements

This document guideline for the Australian Hardware Industry was developed by the Hardware GS1 Action Group for the harmonisation of data field requirements and definitions for electronic commerce.

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## 1 Document Purpose

The purpose of this document is to define the data set required within the Hardware Sector for the Purchase Order document, as determined by the Hardware GS1 Action Group (HGAG) eCommerce working group members. The document provides a list of common data definitions for all fields and provides mappings to both EANCOM 97 and GS1 XML v2.5.

## 2 How to read the Mapping

Section 3 below contains the HGAG Purchase Order eCommerce data set. It consists of six columns:

- **Field Description** – brief description/meaning of the field being mapped;
- **Global Data Dictionary (GDD) Name** – name of the data element as it appears in GS1 GDD;
- **Global Data Dictionary Definition** - definition of a data element as it appears in GS1 GDD;
- **M/O**- indication of a status of a data element – Mandatory or Optional. **D** – indicator of the status of a data element which can change depending on the circumstances;
- **GS1 XML v2.5 mapping** – path to the data element being mapped in GS1 XML messaging standard;
- **EANCOM 97 mapping** – path to the data element being mapped in EANCOM messaging standard.

### 2.1 GS1 XML v2.5 mapping

In the GS1 XML v2.5 mapping column of the table the full path to the data element being mapped is provided:

- The first part of path is the root element name of the Business Message Standard, e.g. /multiShipmentOrder;
- The path is made up of hierarchical listing of the parents of the data element being mapped. The last part of the path is the actual data element being mapped.

Where there is a need to qualify this information in another element, that data element will also be included into the mapping. The paths of these are separated by a plus '+' sign.

## 2.2 EANCOM 97 mapping

In the EANCOM 97 mapping column of the table, the full path to the data element being mapped is provided:

- The first part of the path is the message name, e.g. ORDERS. This may be followed by a segment group e.g. SG1 or segment name identified by a three letter tag e.g. NAD;
- The last part of the path will be the actual data field being mapped and it will be identified by the EANCOM data element number. The data element is represented by the DE prefix followed by the data element four digit number e.g. DE3055. If the data element is part of a composite (complex) data element, the mapping will include that composite's tag as part of the path. A composite data element is identified by the prefix C with a three digit tag (C082).

If there is a data element that is needed to be provided to correctly map the required data element, for example, qualify type of date, that data element is also included in the mapping. Such data elements can precede or follow the data element being mapped, and they are separated by a plus '+' sign.

If there is a default value for a field, it will be provided in brackets after the data element, e.g. DE3035(BY) – 'BY' is the default value of data element number 3035.

## 2.3 Message Standards

The following links provide a path to more information on GS1 XML and the EANCOM 97 based Hardware Message Implementation guides:

- GS1 XML:  
[http://www.gs1au.org/products/gs1\\_system/emessaging/bms\\_and\\_xml.asp](http://www.gs1au.org/products/gs1_system/emessaging/bms_and_xml.asp)
  - To access information related to the Purchase Order, follow the links to the global website and select Multi Shipment Order.
- GS1 EANCOM information can be found here:  
[http://www.gs1au.org/products/gs1\\_system/emessaging/gs1\\_eancom.asp](http://www.gs1au.org/products/gs1_system/emessaging/gs1_eancom.asp)
  - GS1 EANCOM 97 based Message Implementation Guides for Hardware Purchase Order can be found here:  
[http://www.gs1au.org/assets/documents/info/mig/mig\\_hware\\_p\\_order.pdf](http://www.gs1au.org/assets/documents/info/mig/mig_hware_p_order.pdf)

### 3 Purchase Order Mapping

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
<b>HEADER LEVEL</b>					
Purchase Order Number	orderIdentification	The unique identification of the Order	M	/multiShipmentOrder/orderIdentification/uniqueCreatorIdentification	ORDERS - BGM - DE1004
Purchase Order Type			M	<b>Pending Change Request</b>	ORDERS - BGM - C002 - DE1001
Purchase Order Date	creationDateTime	This is the date the message was created	M	/multiShipmentOrder/attributes-creationDateTime	ORDERS-DTM-C507-DE2005(137) + C507-DE2380 + C507-DE2379
Backorder acceptance indicator	orderInstruction	This provides the ability to state if the buyer accepts partial delivery on their order	O	/multiShipmentOrder/orderHeaderIndicator/attributes - orderInstruction (PARTIAL_DELIVERY_ALLOWED)	ORDERS - ALI - DE4183(X2 = Backorders accepted)
Buyer GLN - Identifies the party to which products or services is sold	buyer	Buyer party identification	M	/multiShipmentOrder/orderPartyInformation/buyer/gln	ORDERS - SG2 - NAD - DE3035(BY) + C082 - DE3039 + C082 - DE3055(9)
Buyer Additional ID	additionalPartyIdentification	Non GLN Buyer identification	O	/multiShipmentOrder/orderPartyInformation/buyer/additionalPartyIdentification/additionalPartyIdentificationValue + /multiShipmentOrder/orderPartyInformation/buyer/additionalPartyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	ORDERS - SG2 - NAD - DE3035(BY) + C082 - DE3039 + C082 - DE3055(92 <sup>4</sup> )
Buyer address line 1			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(BY) + C059 - DE3042
Buyer address line 2			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(BY) + C059 - DE3042

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Buyer city name			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(BY) + DE3164
Buyer state in clear text			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(BY) + DE3229
Buyer post code			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(BY) + DE3251
Buyer country code			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(BY) + DE3207
Buyer Name			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(BY) + C080 - DE3036
Name of person creating the order	orderContact	Department or person responsible for issuing the order	O	multiShipmentOrder/orderPartyInformation/orderContact/personOrDepartmentName/description/language/languageISO Code + multiShipmentOrder/orderPartyInformation/orderContact/personOrDepartmentName/description/text	ORDERS - SG5 - CTA - DE3139 (PD) + C056 - DE3412
Telephone number of person creating the order	communicationNumber	Number assigned to a specific means of communication	O	multiShipmentOrder/orderPartyInformation/orderContact/communicationChannel-attributes: communicationChannelCode (TELEPHONE)+ multiShipmentOrder/orderPartyInformation/orderContact/communicationChannel-attributes: communicationNumber	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)
Fax number of person creating the order	communicationNumber	Number assigned to a specific means of communication	O	multiShipmentOrder/orderPartyInformation/orderContact/communicationChannel-attributes: communicationChannelCode (TELEFAX) + multiShipmentOrder/orderPartyInformation/orderContact/communicationChannel-attributes: communicationNumber	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Email address of person creating the order	communicationNumber	Number assigned to a specific means of communication	O	multiShipmentOrder/orderPartyInformation/orderContact/communicationChannel-attributes: communicationChannelCode (EMAIL)+ multiShipmentOrder/orderPartyInformation/orderContact/communicationChannel-attributes: communicationNumber	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Supplier/Seller GLN - Identifies the party which sells products or services to a buyer	seller	Seller party identification	M	/multiShipmentOrder/orderPartyInformation/seller/gln	ORDERS-SG2-NAD-DE3035(SU) + C082 - DE3039 + C082 - DE3055(9)
Supplier/Seller internal ID	additionalPartyIdentification	Non GLN Seller identification	O	/multiShipmentOrder/orderPartyInformation/seller/additionalPartyIdentification/additionalPartyIdentificationValue + /multiShipmentOrder/orderPartyInformation/seller/additionalPartyIdentification/additionalPartyIdentificationType(SELLER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	ORDERS-SG2-NAD-DE3035(SU) + C082 - DE3039 + C082 - DE3055(91 <sup>4</sup> )
Buyer's Seller Additional ID	additionalPartyIdentification	Non GLN Seller identification	O	/multiShipmentOrder/orderPartyInformation/seller/additionalPartyIdentification/additionalPartyIdentificationValue + /multiShipmentOrder/orderPartyInformation/seller/additionalPartyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	ORDERS-SG2-NAD-DE3035(SU) + C082 - DE3039 + C082 - DE3055(92 <sup>4</sup> )
Supplier/Seller address line 1			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(SU) + C059 - DE3042
Supplier/Seller address line 2			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(SU) + C059 - DE3042
Supplier/Seller city name			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(SU) + DE3164

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Supplier/Seller state in clear text			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(SU) + DE3229
Supplier/Seller post code			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(SU) + DE3251
Supplier/Seller country code			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(SU) + DE3207
Supplier/Seller name			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(SU) + C080 - DE3036
Supplier/Seller contact name			O	Pending Change Request	ORDERS - SG5 - CTA - DE3139 (OC) + C056 - DE3412
Supplier/Seller phone number			O	Pending Change Request	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)
Supplier/Seller fax number			O	Pending Change Request	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)
Supplier/Seller email			O	Pending Change Request	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Bill To GLN - Identifies the party which receives invoice	billTo	Identifies the party which receives invoice	M	/multiShipmentOrder/orderPartyInformation/billTo/gln	ORDERS - SG2 - NAD - DE3035(IV) + C082 - DE3039 + C082 - DE3055 (9)
Bill To additional ID	additionalPartyIdentification	A party identifier that is in addition to the GLN	O	/multiShipmentOrder/orderPartyInformation/billTo/additionalPartyIdentification/additionalPartyIdentificationValue + /multiShipmentOrder/orderPartyInformation/billTo/additionalPartyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	ORDERS-SG2-NAD-DE3035(IV) + C082 - DE3039 + C082 - DE3055(92 <sup>4</sup> )
Bill To name			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(IV) +

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
					C080 - DE3036
Bill To address line 1			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(IV) + C059 - DE3042
Bill To address line 2			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(IV) + C059 - DE3042
Bill To city name			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(IV) + DE3164
Bill To state in clear text			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(IV) + DE3229
Bill To post code			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(IV) + DE3251
Bill To country code			O	Pending Change Request	ORDERS - SG2 - NAD - DE3035(IV) + DE3207
Bill To contact name			O	Pending Change Request	ORDERS - SG5 - CTA - DE3139 (OC) + C056 - DE3412
Bill To telephone number			O	Pending Change Request	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)
Bill To fax number			O	Pending Change Request	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)
Bill To email address			O	Pending Change Request	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Ship To GLN - The location destination to which goods will be shipped	shipTo	The location destination to which goods will be shipped	D <sup>1</sup>	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipTo/gln	ORDERS - SG2 - NAD - DE3035 (ST) + C082 - DE3039 + C082 - DE3055 (9)

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Ship To additional ID	additionalPartyIdentification	Non GLN identification of the location destination to which goods will be shipped.	O	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipTo/additionalPartyIdentification/additionalPartyIdentificationValue + /multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipTo/additionalPartyIdentification/additionalPartyIdentificationType = BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY	ORDERS-SG2-NAD-DE3035(ST) + C082 - DE3039 + C082 - DE3055(92 <sup>4</sup> )
Ship To name			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(ST) + C080 - DE3036
Ship To address line 1			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(ST) + C059 - DE3042
Ship To address line 2			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(ST) + C059 - DE3042
Ship To city name			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(ST) + DE3164
Ship To state in clear text			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(ST) + DE3229
Ship To state postcode			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(ST) + DE3251
Ship To state country code			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(ST) + DE3207
Ship To contact			O	<b>Pending Change Request</b>	ORDERS - SG5 - CTA - DE3139 (OC) + C056 - DE3412
Ship To telephone number			O	<b>Pending Change Request</b>	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Ship To fax number			O	<b>Pending Change Request</b>	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)
Ship To fax email address			O	<b>Pending Change Request</b>	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Non commercial delivery site name	name	The destination location to which goods will be shipped when the ship-to party cannot be prealigned due to the business relationship	D <sup>2</sup>	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/nameAndAddress/name + /multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/nameAndAddress/languageOfTheParty/languageISOCode	ORDERS - SG2 - NAD - DE3035(UD) + C080 - DE3036
Non commercial delivery site address line 1	streetAddressOne	The first free form line of an address	D <sup>2</sup>	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/nameAndAddress/streetAddressOne	ORDERS - SG2 - NAD - DE3035(UD) + C059 - DE3042
Non commercial delivery site address line 2	streetAddressTwo	The second free form line of an address	D <sup>2</sup>	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/nameAndAddress/streetAddressTwo	ORDERS - SG2 - NAD - DE3035(UD) + C059 - DE3042
Non commercial delivery site city	city	An inhabited place of greater size, population, or importance than a town or village where the initial ship to location took place	D <sup>2</sup>	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/nameAndAddress/city	ORDERS - SG2 - NAD - DE3035(UD) + DE3164
Non commercial delivery site state in clear text	state	One of the constituent units of a nation having a federal government.	D <sup>2</sup>	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/nameAndAddress/state	ORDERS - SG2 - NAD - DE3035(UD) + DE3229
Non commercial delivery site postal code	postalCode	Code defining international postal zone code	D <sup>2</sup>	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/nameAndAddress/postalCode	ORDERS - SG2 - NAD - DE3035(UD) + DE3251

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Non commercial delivery site country code	countryCode	ISO 3661-1 Country Code associated with consignee address	D <sup>2</sup>	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/countryCode/countryISOCode	ORDERS - SG2 - NAD - DE3035(UD) + DE3207
Non commercial delivery site contact name	personOrDepartmentName	The name of the individual or department that can be contacted to provide additional information	O	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/contact/personOrDepartmentName/description/text + /multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/contact/personOrDepartmentName/description/language/languageISOCode	ORDERS - SG5 - CTA - DE3139 (OC) + C056 - DE3412
Non commercial delivery site contact phone number	communicationChannel	Number assigned to a specific means of communication	O	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationNumber + /multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationChannelCode(TELEPHONE)	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)
Non commercial delivery site contact fax number	communicationChannel	Number assigned to a specific means of communication	O	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationNumber + /multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationChannelCode(TELEFAX)	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Non commercial delivery site contact email address	communicationChannel	Number assigned to a specific means of communication	O	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationNumber + /multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationChannelCode(EMAIL)	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Ship From GLN number. The location from which goods will be shipped	shipFrom	Identifies the origin location where the goods will be shipped	D <sup>3</sup>	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipFrom/gln	ORDERS - SG2 - NAD - DE 3035 (SF) + C082 - DE3039 + C082 - DE3055 (9)
Ship From code as assigned by the buyer	additionalPartyIdentification	Non GLN identification of the origin location where the goods will be shipped	O	/multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipFrom/additionalPartyIdentification/additionalPartyIdentificationValue + /multiShipmentOrder/orderLogisticalInformation/shipToLogistics/shipFrom/additionalPartyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	ORDERS-SG2-NAD-DE3035(SF) + C082 - DE3039 + C082 - DE3055(92 <sup>4</sup> )
Ship From name			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE3035(SF) + C080 - DE3036
Ship From address line1			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE 3035(SF) + C059 - DE3042
Ship From address line 2			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE 3035(SF) + C059 - DE3042
Ship From city			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE 3035(SF) + DE3164
Ship From state in clear text			O	<b>Pending Change Request</b>	ORDERS - SG2 - NAD - DE 3035(SF) + C819 - DE3229

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Ship From postal code			O	Pending Change Request	ORDERS - SG2 - NAD - DE 3035(SF) + DE3251
Ship From country code			O	Pending Change Request	ORDERS - SG2 - NAD - DE 3035(SF) + DE3207
Ship From contact name			O	Pending Change Request	ORDERS - SG5 - CTA - DE3139 (OC) + C056 - DE3412
Ship From contact telephone number			O	Pending Change Request	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)
Ship From contact fax number			O	Pending Change Request	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)
Ship From contact email address			O	Pending Change Request	ORDERS - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Requested Delivery Date of the order	requestedDeliveryDate	Provides the date and optional time on which the goods are requested to be delivered	O (M in GS1 XML)	/multiShipmentOrder/orderLogisticalInformation/orderLogisticalDateGroup/requestedDeliveryDate/date	ORDERS - DTM - C507 - DE2005(2) + C507 - DE2380+ C507 - DE2379
Earliest date on which the goods are requested to be delivered	earliestDate	Provides the earliest date on which the goods are requested to be delivered to the Ultimate Consignee	O	/multiShipmentOrder/orderLogisticalInformation/orderLogisticalDateGroup/requestedDeliveryDateRangeAtUltimateConsignee/earliestDate	ORDERS - DTM - C507 - DE2005(64) + C507 - DE2380 + C507 - DE2379
Latest date on which the goods are requested to be delivered	latestDate	Provides the latest date on which the goods are requested to be delivered to the Ultimate Consignee	O	/multiShipmentOrder/orderLogisticalInformation/orderLogisticalDateGroup/requestedDeliveryDateRangeAtUltimateConsignee/latestDate	ORDERS - DTM - C507 - DE2005(63) + C507 - DE2380 + C507 - DE2379

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Reference number identifying trade agreement	tradeAgreementReferenceNumber	Unique number identifying a trade agreement that the order is referring to	O	/multiShipmentOrder/quoteNumber/tradeAgreementReferenceNumber	ORDERS - SG1 - RFF- C506 - DE1153(PD)+ C506 - DE1154
Additional order instruction	additionalOrderInstruction	Used to provide free form or coded text information for the entire purchase order	O	/multiShipmentOrder/additionalOrderInstruction/longText	ORDERS - FTX - DE4451(DEL) + C108 - DE4440
<b>LINE LEVEL</b>					
Number of the order line within purchase order	number	Provides order line number	M	/multiShipmentOrder/multiShipmentOrderLineItem/attributes-number	ORDERS - SG25 - LIN - DE1082
Global Trade Item Number	gtin	Provides the Global Trade Item Number (GTIN) as the unique identifier for the item	M	/multiShipmentOrder/multiShipmentOrderLineItem/tradeItemIdentification/gtin	ORDERS - SG25 - LIN - C212 - DE7140 + C212 - DE7143(EN)
Buyer assigned additional item identification	additionalTradeItemIdentificationValue	Alternative means to the GTIN to identify a trade item	O	/multiShipmentOrder/multiShipmentOrderLineItem/tradeItemIdentification/additionalTradeItemIdentificationValue + /multiShipmentOrder/multiShipmentOrderLineItem/tradeItemIdentification/additionalTradeItemIdentificationType(BUYER_ASSIGNED)	ORDERS - SG25 - PIA - DE4347(1) + C212 - DE7140 + C212 - DE7143(IN)
Seller assigned additional item identification	additionalTradeItemIdentificationValue	Alternative means to the GTIN to identify a trade item	O	/multiShipmentOrder/multiShipmentOrderLineItem/tradeItemIdentification/additionalTradeItemIdentificationValue + /multiShipmentOrder/multiShipmentOrderLineItem/tradeItemIdentification/additionalTradeItemIdentificationType(SUPPLIER_ASSIGNED)	ORDERS - SG25 - PIA - DE4347(1) + C212 - DE7140 + C212 - DE7143(SA)

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Serial/batch number			O	<b>Pending Change Request</b>	ORDERS - SG25 - PIA - DE4347(1) + C212 - DE7140 + C212 - DE7143(SN or NB) SN = Serial number NB = Batch number
Product description			O	<b>Pending Change Request</b>	ORDERS - SG25 - IMD - DE7077(F) + C273 - DE7009 + C273 - DE7008
Quantity of the product that has been requested to be delivered	requestedQuantity	The quantity which has been requested	M	/multiShipmentOrder/multiShipmentOrderLineItem/requestedQuantity/value	ORDERS - SG25 - QTY - C186 - DE6063(21)+ C186 - DE6060
Unit of measure code	unitOfMeasure	Reference to a unit of measure code that applies to the quantities value	O	/multiShipmentOrder/multiShipmentOrderLineItem/requestedQuantity/unitOfMeasure/measurementUnitCodeValue	ORDERS - SG25 - QTY - C186 - E6063(21) + C186 - DE6060 + C186 - DE6411
Item net price (excl. GST)	netPrice	Identifies the net price of the item	O	/multiShipmentOrder/multiShipmentOrderLineItem/netPrice/amount/monetaryAmount + /multiShipmentOrder/multiShipmentOrderLineItem/netPrice/amount/currencyCode/currencyISOCode	ORDERS-SG28 -PRI - C509 - DE5125(AAA)+ C509 - DE5118
Tax rate for the line	taxRate	The current tax or duty rate percentage applicable to the item	O	/multiShipmentOrder/multiShipmentOrderLineItem/attributes-taxRate	ORDERS - SG34 - DE5283(7)+ C243 - DE5278
Net line amount (excl. GST)	netAmount	Identifies the net amount of the item	O	/multiShipmentOrder/multiShipmentOrderLineItem/netAmount/amount/monetaryAmount + /multiShipmentOrder/multiShipmentOrderLineItem/netAmount/amount/currencyCode/currencyISOCode	ORDERS-SG34 - MOA - C516 - DE5025(203)+ C516 - DE5004

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Comments/additional line instructions	additionalOrderLineInstruction	Additional Order Line Instruction captures information that has not been previously synchronised and is ad-hoc in nature. This field should only be used in exception circumstances if the information cannot be codified	O	/multiShipmentOrder/multiShipmentOrderLineItem/additionalOrderLineInstruction/longText + /multiShipmentOrder/multiShipmentOrderLineItem/additionalOrderLineInstruction/language/languageISOCode	ORDERS - SG25 - FTX - DE4451 + C108 - DE4440
Location of delivery where there are multiple store deliveries involved	shipTo	The location destination to which goods will be shipped	O	/multiShipmentOrder/multiShipmentOrderLineItem/shipmentDetail/shipTo/gln	ORDERS - SG33 - LOC - DE3227(7) + C517 - DE3225 + C517 - DE3055(9)
Earliest date on which the goods are requested to be delivered	earliestDate	Beginning day for a period	O	/multiShipmentOrder/multiShipmentOrderLineItem/shipmentDetail/orderLogisticalDateGroup/requestedDeliveryDateRangeAtUltimateConsignee/earliestDate	ORDERS - SG33 - DTM - C507 - DE2005(64)+ C507 - DE2380 + C507-DE2379
Latest date on which the goods are requested to be delivered	latestDate	End of a period expressed as a day	O	/multiShipmentOrder/multiShipmentOrderLineItem/shipmentDetail/orderLogisticalDateGroup/requestedDeliveryDateRangeAtUltimateConsignee/latestDate	ORDERS - SG33 - DTM - C507 - DE2005(63)+ C507 - DE2380 + C507-DE2379
Promotion Deal Number	promotionalDeal	Number assigned by a vendor to a special promotion activity	O	/multiShipmentOrder/multiShipmentOrderLineItem/promotionalDeal/tradeAgreementReferenceNumber	ORDERS - SG29 - RFF - C506 - DE1153(PD) + C506 - DE1154
<b>TRAILER/SUMMARY</b>					
Total net amount for the order (excl. taxes)	totalMonetaryAmountOfOrder	The total monetary amount of the Purchase Order excluding all Taxes	O	/multiShipmentOrder/totalMonetaryAmountOfOrder/monetaryAmount + /multiShipmentOrder/totalMonetaryAmountOfOrder/currencyCode/currencyISOCode	ORDERS - MOA - C516 - DE5025 (128) + C516 - DE5004

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Total tax amount for the order	monetaryAmount	A numerical figure used to represent a monetary amount	O	/multiShipmentOrder/totalTaxMonetaryAmountOfOrder/monetaryAmount	ORDERS - MOA - C516 - DE5025 (176) + C516 - DE5004
<b>Legends:</b>					
	<b>Cannot be mapped/Subject to Change Request</b>				

### 3.1 Notes

<sup>1</sup> – shipTo is mandatory if order is to be delivered to a GLN identified location. Used instead of shipToNonCommercial location.

If shipToLogistics is used, either shipTo or shipToNonCommercial must be included in the message (GS1 XML rule).

<sup>2</sup> - shipToNonCommercial is mandatory if order is to be shipped to a non commercial location (used when the ship-to party cannot be prealigned). Used instead of shipTo location.

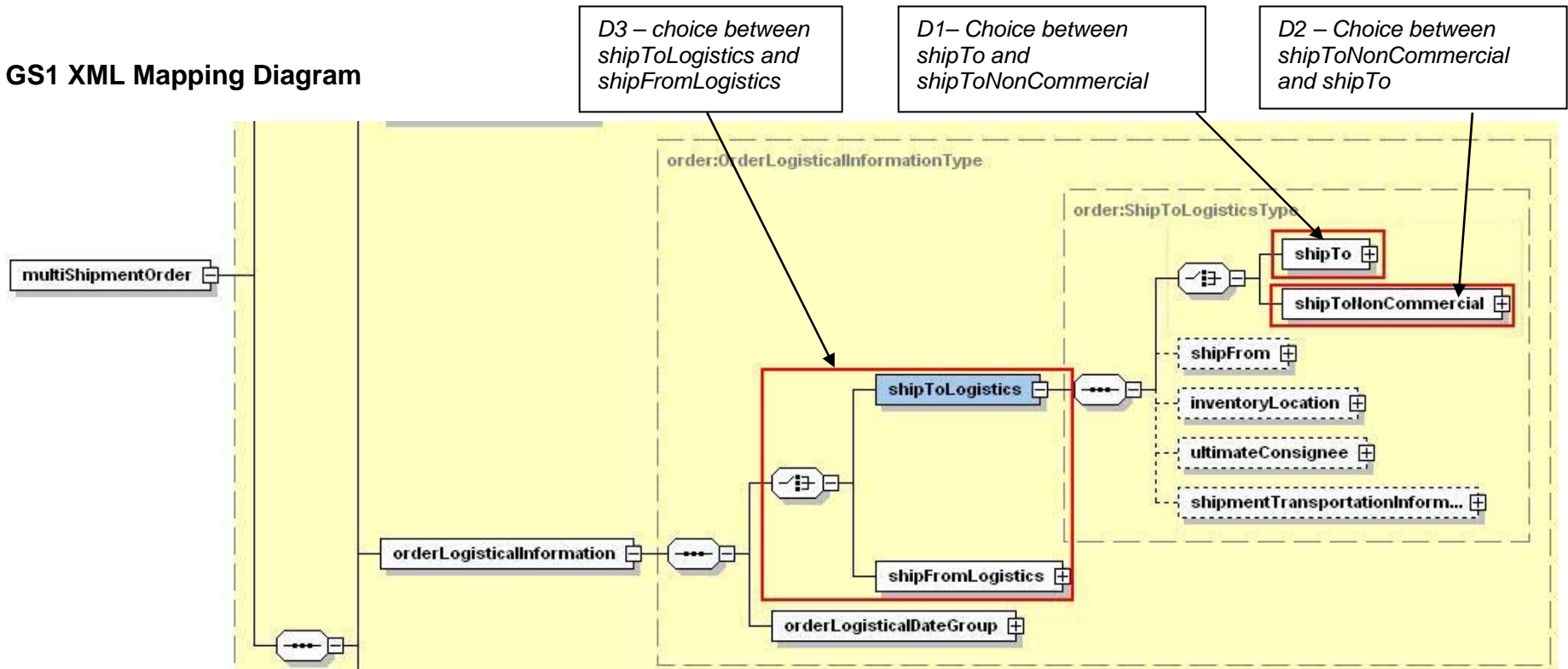
If shipToLogistics is used, either shipTo or shipToNonCommercial must be included in the message. (GS1 XML rule).

<sup>3</sup> - shipFromLogistics is mandatory if shipToLogistics (shipTo or shipToNonCommercial) is not used. Optional if shipToLogistics is used (GS1 XML rule).

Please refer to the GS1 XML mapping diagram below for further details.

<sup>4</sup> – Principles of GS1 System state that use of GLN is mandatory for the identification of relevant parties (e.g. buyer, seller, ship to, etc.). This is achieved by sending GLN in DE3039 in C082 in NAD segment and qualified with code 9 = EAN. Based on system limitations some organisations may be unable to supply and manage GLN's and hence codes 91 (Assigned by supplier or supplier's agent) and 92 (Assigned by buyer or buyer's agent) have been made available to users within the Hardware sector. The release of code 91 and 92 represents a deviation from the EANCOM recommendations and is seen as a short term solution to meet industry needs.

# GS1 XML Mapping Diagram



Symbol	Description
	Choice, one and only one of the elements listed must be used
	Mandatory element (solid line)
	Optional element (dotted line)