



Hardware GS1 Action Group

Invoice Data Definitions Mapping

Version v1.0

Disclaimer

Every possible effort has been made to ensure that the information and specifications in this document are correct, however GS1 Australia, GS1 New Zealand and the Hardware GS1 Action Group, expressly disclaim liability for any errors. In addition, no warranty or representation is made that this document will not require modification due to developments in technology or changes or additions to the GS1 System.

Document Change Control

Version #	Date	Nature of Change / Comments	Author
v0.1	16/07/09	Initial Draft	GS1
V1.0	21/09/09	Major updates following work group review	GS1

Contacts

The principle contacts with regard to the contents of this document are:

Australia
GS1 Australia Ltd
Telephone: 1300 366 033
Fax: (03) 9558 055
Email: gs1aust@gs1au.org
www.gs1au.org

New Zealand
GS1 New Zealand
Telephone (04) 494 1050
Fax: (04) 494 1051
Email: info@gs1nz.org
www.gs1nz.org

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.

The Hardware GS1 Action Group eCommerce Working Group includes the following organisations:

Name	Organisation
Smith, Matt Work Group Chair	Bunnings
Andronis, Con	John Danks
Bohra, Mannan	ITM
Bosson, Shaun	GS1 New Zealand
Brice, Peter	Orica Consumer Products
Colvin, Michael	Bunnings
Dunn, Don	ITW-Proline
Major, Marc	Bunnings
Morrison, Barbara	Carter Holt Harvey
Nickerson, Roger	Mitre 10 New Zealand
Plaksin, Leon	GS1 Australia
Rowland, Steve	GS1 New Zealand
Szabo, John	GS1 Australia
Tam, Janine	Mitre 10 Australia
Tapia, Marcel	BOC
Tom, Alison	Carter Holt Harvey

Table of Contents

- 1 Document Purpose - 4 -
- 2 How to read the Mapping..... - 4 -
 - 2.1 GS1 XML v2.5 mapping - 4 -
 - 2.2 EANCOM 97 mapping..... - 5 -
 - 2.3 Message Standards - 5 -
- 3 Invoice Mapping..... - 6 -
 - 3.1 Notes..... - 19 -

1 Document Purpose

The purpose of this document is to define the data set required within the Hardware Sector for the Invoice 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 Invoice 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 2.5 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. /invoice;
- 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. INVOIC. 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
 - To access information related to the Invoice, follow the links to the global website and select Invoice.
- GS1 EANCOM information can be found here:
http://www.gs1au.org/products/gs1_system/emessaging/gs1_eancom.asp
 - GS1 EANCOM 97 based Message Implementation Guides for Hardware Invoice can be found here:
http://www.gs1au.org/assets/documents/info/mig/mig_hware_invoice.pdf

3 Invoice Mapping

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
HEADER LEVEL					
Invoice number	invoiceIdentification	Contains the unique identifier of the business document	M	/invoice/invoiceIdentification/uniqueCreatorIdentification	INVOIC - BGM - DE1004
Creation date and time of the invoice	creationDateTime	Date and time of creation of the referenced document	M	/invoice/attributes-creationDateTime	INVOIC - DTM - C507 - DE2005(137) + C507 - DE2380
Invoice effective date (for future dated invoices)	PaymentTimePeriod	Provides the payment time period information	O	/invoice/PaymentTerms/netPayment/paymentTimePeriod/date	INVOIC - DTM - C507 - DE2005(454) + C507 - DE2381
Payment due date	PaymentTimePeriod	Provides the payment time period information	O	/invoice/PaymentTerms/netPayment/paymentTimePeriod(M)/timePeriodDueDate/value	INVOIC - SG8 - PAT - DE4279(1) + C112 - DE2475 (68) + C112 - DE2151 + C112 - DE2152
Original invoice number (for credits only)	invoice	A reference number identifying an invoice	O	/invoice/invoiceIdentification/uniqueCreatorIdentification	INVOIC - SG1 - RFF - C506 - DE1153(IV) + C506 - DE1154
Promotion identifier	promotionalDeal	Reference to a number assigned by a vendor to a special promotion activity	O	/invoice/promotionalDeal/uniqueCreatorIdentification	INVOIC - SG1 - RFF - C506 - DE1153(PD) + C506 - DE1154
Type of invoice	invoiceType	Code specifying the type of invoice	M	/invoice/invoiceType	INVOIC - BGM - C002 - DE1001
Buyer GLN - Party to whom merchandise and/or service is sold	gln	Global Location Number	M	/invoice/buyer/partyIdentification/gln	INVOIC - SG2 - NAD - DE3035(BY) + 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
Additional buyer identification	additionalPartyIdentificationValue	A party identifier that is in addition to the GLN	O	/invoice/buyer/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationValue + /invoice/buyer/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(BY) + C082 - DE3039 + C082 - DE3055(92 ¹)
Additional buyer identification	additionalPartyIdentificationValue	A party identifier that is in addition to the GLN	O	/invoice/buyer/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationValue + /invoice/buyer/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationType(SELLER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(BY) + C082 - DE3039 + C082 - DE3055(91 ¹)
Buyer name	name	The name of the party expressed in text	O	/invoice/buyer/nameAndAddress/name	INVOIC - SG2 - NAD - C080 - DE3036
Buyer address line 1	streetAddressOne	The first free form line of an address	O	/invoice/buyer/nameAndAddress/streetAddressOne	INVOIC - SG2 - NAD - DE3035(BY) + C059 - DE3042
Buyer address line 2	streetAddressTwo	The second free form line of an address	O	/invoice/buyer/nameAndAddress/streetAddressTwo	INVOIC - SG2 - NAD - DE3035(BY) + C059 - DE3042
Buyer city name	city	An inhabited place of greater size, population, or importance than a town or village	O	/invoice/buyer/nameAndAddress/city	INVOIC - SG2 - NAD - DE3035(BY) + DE3164
Buyer state in clear text	state	One of the constituent units of a nation having a federal government	O	/invoice/buyer/nameAndAddress/state	INVOIC - SG2 - NAD - DE3035(BY) + DE3229
Buyer post code	postalCode	Code defining international postal zone code	O	/invoice/buyer/nameAndAddress/postalCode	INVOIC - SG2 - NAD - DE3035(BY) + DE3251
Buyer country code	countryCode	Country Code associated with the party (ISO 3661-1)	O	/invoice/buyer/nameAndAddress/countryCode	INVOIC - SG2 - NAD - DE3035(BY) + DE3207
Buyer contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (PD) + C056 - DE3412

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Buyer telephone number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)
Buyer fax number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)
Buyer email address			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Buyer ABN	companyRegistrationNumber	Company registration number as legally required	O	/invoice/buyer/companyRegistrationNumber	INVOIC - SG3 - RFF - C506 - DE1153(AMT ⁴) + C506 - DE1154
Seller GLN - Party selling merchandise to a buyer	gln	Global Location Number	M	/invoice/seller/partyIdentification/gln	INVOIC - SG2 - NAD - DE3035(SU) + C082 - DE3039 + C082 - DE3055(9)
Seller additional identification	additionalPartyIdentificationValue	A party identifier that is in addition to the GLN	O	/invoice/seller/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationValue + /invoice/seller/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(SU) + C082 - DE3039 + C082 - DE3055(91 ¹)
Buyer assigned Seller's additional identification	additionalPartyIdentificationValue	A party identifier that is in addition to the GLN	O	/invoice/seller/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationValue + /invoice/seller/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationType(SELLER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(SU) + C082 - DE3039 + C082 - DE3055(92 ¹)
Seller name	name	The name of the party expressed in text	M	/invoice/seller/nameAndAddress/name	INVOIC - SG2 - NAD - C080 - DE3036
Seller address line 1	streetAddressOne	The first free form line of an address	M	/invoice/seller/nameAndAddress/streetAddressOne	INVOIC - SG2 - NAD - DE3035(SU) + C059 - DE3042
Seller address line 2	streetAddressTwo	The second free form line of an address	M	/invoice/seller/nameAndAddress/streetAddressTwo	INVOIC - SG2 - NAD - DE3035(SU) +

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
					C059 - DE3042
Seller city name	city	An inhabited place of greater size, population, or importance than a town or village	M	/invoice/seller/nameAndAddress/city	INVOIC - SG2 - NAD - DE3035(SU) + DE3164
Seller state in clear text	state	One of the constituent units of a nation having a federal government	M	/invoice/seller/nameAndAddress/state	INVOIC - SG2 - NAD - DE3035(SU) + DE3229
Seller post code	postalCode	Code defining international postal zone code	M	/invoice/seller/nameAndAddress/postalCode	INVOIC - SG2 - NAD - DE3035(SU) + DE3251
Seller country code	countryCode	Country Code associated with the party (ISO 3661-1)	M	/invoice/seller/nameAndAddress/countryCode	INVOIC - SG2 - NAD - DE3035(SU) + DE3207
Seller contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412
Seller telephone number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)
Seller fax number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)
Seller email address			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Seller ABN	companyRegistrationNumber	Company registration number as legally required	M	/invoice/seller/companyRegistrationNumber	INVOIC - SG3 - RFF - C506 - DE1153(AMT ⁴) + C506 - DE1154
Payer GLN - Party initiating payment	gln	Global Location Number	O	/invoice/payer/partyIdentification/gln	INVOIC - SG2 - NAD - DE3035(PR) + 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
Payer additional identification	additionalPartyIdentificationValue	A party identifier that is in addition to the GLN	O	/invoice/payer/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationValue + /invoice/payer/partyIdentification/additionalPartyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(PR) + C082 - DE3039 + C082 - DE3055(92 ¹)
Payer name	name	The name of the party expressed in text	O	/invoice/payer/nameAndAddress/name	INVOIC - SG2 - NAD - C080 - DE3036
Payer address line 1	streetAddressOne	The first free form line of an address	O	/invoice/payer/nameAndAddress/streetAddressOne	INVOIC - SG2 - NAD - DE3035(PR) + C059 - DE3042
Payer address line 2	streetAddressTwo	The second free form line of an address	O	/invoice/payer/nameAndAddress/streetAddressTwo	INVOIC - SG2 - NAD - DE3035(PR) + C059 - DE3042
Payer city name	city	An inhabited place of greater size, population, or importance than a town or village	O	/invoice/payer/nameAndAddress/city	INVOIC - SG2 - NAD - DE3035(PR) + DE3164
Payer state in clear text	state	One of the constituent units of a nation having a federal government.	O	/invoice/payer/nameAndAddress/state	INVOIC - SG2 - NAD - DE3035(PR) + DE3229
Payer post code	postalCode	Code defining international postal zone code.	O	/invoice/payer/nameAndAddress/postalCode	INVOIC - SG2 - NAD - DE3035(PR) + DE3251
Payer country code	countryCode	Country Code associated with the party (ISO 3661-1).	O	/invoice/payer/nameAndAddress/countryCode	INVOIC - SG2 - NAD - DE3035(PR) + DE3207
Payer contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412
Payer telephone number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)
Payer fax number			O	Pending Change Request	INVOIC - 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
Payer email address			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Ship to GLN - Party to where goods will be or have been shipped	gln	Global Location Number	M ³	/invoice/shipToLogistics/shipTo/gln	INVOIC - SG2 - NAD - DE3035(ST) + C082 - DE3039 + C082 - DE3055(9)
Ship to additional identification	additionalPartyIdentificationValue	A party identifier that is in addition to the GLN	O	/invoice/shipToLogistics/shipTo/additionalPartyIdentification/additionalPartyIdentificationValue + /invoice/shipToLogistics/shipTo/additionalPartyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(ST) + C082 - DE3039 + C082 - DE3055(92 ¹)
Ship to name			O	Pending Change Request	INVOIC - SG2 - NAD - C080 - DE3036
Ship to address line 1			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + C059 - DE3042
Ship to address line 2			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + C059 - DE3042
Ship to city name			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + DE3164
Ship to state in clear text			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + DE3229
Ship to post code			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + DE3251
Ship to country code			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + DE3207
Ship To contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Ship to telephone number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)
Ship to fax number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)
Ship to email address			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)
Ship to non commercial site name	name	The name of the party expressed in text. The destination location to which goods will be shipped when the ship-to party cannot be pre-aligned due to the business relationship	M ²	/invoice/shipToLogistics/shipToNonCommercial/nameAndAddress/name	INVOIC - SG2 - NAD - DE3035(UD) + C080 - DE3036
Ship to non commercial site address line 1	streetAddressOne	The first free form line of an address	M	/invoice/shipToLogistics/shipToNonCommercial/nameAndAddress/streetAddressOne	INVOIC - SG2 - NAD - DE3035(UD) + C059 - DE3042
Ship to non commercial site address line 2	streetAddressTwo	The second free form line of an address	M	/invoice/shipToLogistics/shipToNonCommercial/nameAndAddress/streetAddressTwo	INVOIC - SG2 - NAD - DE3035(UD) + C059 - DE3042
Ship to non commercial site city name	city	An inhabited place of greater size, population, or importance than a town or village	M	/invoice/shipToLogistics/shipToNonCommercial/nameAndAddress/city	INVOIC - SG2 - NAD - DE3035(UD) + DE3164
Ship to non commercial site state in clear text	state	One of the constituent units of a nation having a federal government	M	/invoice/shipToLogistics/shipToNonCommercial/nameAndAddress/state	INVOIC - SG2 - NAD - DE3035(UD) + DE3229
Ship to non commercial site post code	postalCode	Code defining international postal zone code	M	/invoice/shipToLogistics/shipToNonCommercial/nameAndAddress/postalCode	INVOIC - SG2 - NAD - DE3035(UD) + DE3251
Ship to non commercial site country code	countryCode	Country Code associated with the party (ISO 3661-1)	M	/invoice/shipToLogistics/shipToNonCommercial/nameAndAddress/countryCode	INVOIC - SG2 - NAD - DE3035(UD) + DE3207

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Ship to non commercial site contact name	personOrDepartmentName	The name of a department within this address. The name of the individual or department that can be contacted to provide additional information	O	/invoice/shipToLogistics/shipToNonCommercial/contact/personOrDepartmentName/description/text + /invoice/shipToLogistics/shipToNonCommercial/contact/personOrDepartmentName/description/language/languageSOCode	INVOIC - SG5 - CTA - DE3139(OC) + C056 - DE3412
Ship to non commercial site phone number	communicationNumber	Number assigned to a specific means of communication	O	/invoice/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationChannelCode (TELEPHONE) + /invoice/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationNumber	INVOIC - SG5 - COM -C076 - DE3148 + C076 - DE3155(TE)
Ship to non commercial site fax number	communicationNumber	Number assigned to a specific means of communication	O	/invoice/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationalChannelCode (TELEFAX) + /invoice/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationNumber	INVOIC - SG5 - COM -C076 - DE3148 + C076 - DE3155(FX)
Ship to non commercial site email address	communicationNumber	Number assigned to a specific means of communication	O	/invoice/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationalChannelCode (EMAIL) + /invoice/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationNumber	INVOIC - SG5 - COM -C076 - DE3148 + C076 - DE3155(EM)

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Ship from GLN - Identification of the location from where goods will be or have been shipped	gln	Global Location Number	O	/invoice/shipToLogistics/shipFrom/gln	INVOIC - SG2 - NAD - DE3035(SF) + C082 - DE3039 + C082 - DE3055(9)
Ship from additional identification			O	/invoice/shipToLogistics/shipFrom/additionalPartyIdentification/additionalPartyIdentificationValue with /invoice/shipToLogistics/shipFrom/additionalPartyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(SF) + C082 - DE3039 + C082 - DE3055(92 ¹)
Ship From Name			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + C080 - DE3036
Ship From address line 1			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + C059 - DE3042
Ship From address line 2			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + C059 - DE3042
Ship From city name			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + DE3164
Ship From state in clear text			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + DE3229
Ship From post code			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + DE3251
Ship From country code			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + DE3207
Ship From contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Ship From Telephone Number			O	Pending Change Request	INVOIC - SG5 - COM -C076 - DE3148 + C076 - DE3155(TE)
Ship From Fax Number			O	Pending Change Request	INVOIC - SG5 - COM -C076 - DE3148 + C076 - DE3155(FX)
Ship From email address			O	Pending Change Request	INVOIC - SG5 - COM -C076 - DE3148 + C076 - DE3155(EM)
Discount terms due date	discountPayment	Describes the amount for a discounted payment and a time period	O	/invoice/paymentTerms/discountPayment/paymentTimePeriod/timePeriod Due	INVOIC - SG8 - PAT - DE4279(22) + DTM - C507 - DE2005(13) + C507 - DE2380 + DE2379
Reference delivery docket number	deliveryNote	Reference number assigned by the issuer to a delivery note	O	/invoice/deliveryNote/uniqueCreatorIdentification	INVOIC - SG1 - RFF - C506 - DE1153(DQ) + C506 - DE1154
Delivery date			O	Pending Change Request	INVOIC - DTM - C507 - DE2005(35) + C507 - DE2380
Number of the original purchase order	orderIdentification	Reference number assigned by the buyer to an order	M	/invoice/orderIdentification/uniqueCreatorIdentification	INVOIC - SG1 - RFF - C506 - DE1153(ON) + C506 - DE1154
Type of charge	invoiceAllowanceChargeType	Code specifying the identification of an allowance or charge	O	/invoice/invoiceAllowanceCharge/invoiceAllowanceChargeType	INVOIC - SG15 - ALC - DE5463(C)
Charge amount	invoiceAllowanceChargeAmount	Amount of allowance or charge applicable to the complete invoice	O	/invoice/invoiceAllowanceCharge/invoiceAllowanceChargeAmount	INVOIC - SG19 - C516 - DE5025 + C516 - DE5004
Charge GST rate	InvoiceTaxInformation	Information about the GST rate applicable to the invoice charge	O	/invoice/invoiceAllowanceCharge/invoiceTaxInformation/taxPercentage	INVOIC - SG21 - TAX - DE5283(7) + C241 - DE5153(GST) + C243 - DE5278
Charge GST amount	invoiceAllowanceChargeAmount	Amount of allowance or charge applicable to the complete invoice	O	/invoice/invoiceAllowanceCharge/invoiceTaxInformation/taxAmount	INVOIC - SG21 - MOA - C516 - DE5025(124) + C516 - DE5004

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Allowance type	invoiceAllowanceChargeType	Code specifying the identification of an allowance or charge	O	/invoice/invoiceAllowanceCharge/invoiceAllowanceChargeType	INVOIC - SG15 - ALC - DE5463(A)
Allowance amount	invoiceAllowanceChargeAmount	Amount of allowance or charge applicable to the complete invoice	O	/invoice/invoiceAllowanceCharge/invoiceAllowanceChargeAmount	INVOIC - SG19 - C516 - DE5025 + C516 - DE5004
Allowance GST rate	InvoiceTaxInformation	Information about the taxes applicable to the invoice	O	/invoice/invoiceAllowanceCharge/invoiceTaxInformation/taxPercentage	INVOIC - SG21 - TAX - DE5283(7) + C241 - DE5153(GST) + C243 - DE5278
Allowance GST amount	invoiceAllowanceChargeAmount	Amount of allowance or charge applicable to the complete invoice	O	/invoice/invoiceAllowanceCharge/invoiceTaxInformation/taxAmount	INVOIC - SG21 - MOA - C516 - DE5025(124) + C516 - DE5004
GST rate	taxPercentage	Tax Percentage is defined as a percentage or rate	M	invoiceTotals/taxSubtotal/taxPercentage	INVOIC - SG6 - TAX - DE5283(7) + C241 - DE5153(GST) + C243 - DE5278
Comments for the invoice			O	Pending Change Request	INVOIC - FTX - DE4451 + C108 - DE4440
Currency of the invoice	currency	The monetary unit used for calculation in an invoice	M	/invoice/invoiceCurrency/currencyISO Code	INVOIC - SG7- CUX - C504 - DE6347(2) + C504 - DE6345 (ISO 4217 three alpha) + DE6343
LINE LEVEL					
Number of the invoice line within invoice	number	Invoice line Item number	M	/invoice/invoiceLineItem/attributes-number	INVOIC - SG25 - LIN - DE1082
GTIN	TradeItemIdentification	Provides the GTIN as the unique identifier for the item and optionally additional formats of non GTIN identifiers for the item	M	/invoice/invoiceLineItem/tradeItemIdentification/gtin	INVOIC - SG25 - LIN - C212 - DE7140 + C212 - DE7143(EN)

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Buyer assigned additional item identification	additionalTradeItemIdentification	Alternative means to the Global Trade Item Number to identify a trade item	O	/invoice/invoiceLineItem/tradeItemIdentification/additionalTradeItemIdentificationValue + /invoice/invoiceLineItem/tradeItemIdentification/additionalTradeItemIdentificationType(BUYER_ASSIGNED)	INVOIC - SG25 - PIA - DE4347(1) + C212 - DE7140 + C212 - DE7143(IN)
Seller assigned additional item identification	additionalTradeItemIdentification	Alternative means to the Global Trade Item Number to identify a trade item	O	/invoice/invoiceLineItem/tradeItemIdentification/additionalTradeItemIdentificationValue + /invoice/invoiceLineItem/tradeItemIdentification/additionalTradeItemIdentificationType(SELLER_ASSIGNED)	INVOIC - SG25 - PIA - DE4347(1) + C212 - DE7140 + C212 - DE7143(SA)
Product description	itemDescription	A short textual description of the invoiced item	M	/invoice/invoiceLineItem/itemDescription/language/languageISOCode + /invoice/invoiceLineItem/itemDescription/text	INVOIC - SG25 - IMD - DE7077(F) + C273 - DE7009 + C273 - DE7008
Quantity supplied/invoiced	invoicedQuantity	A numerical value of invoiced quantity	M	/invoice/invoiceLineItem/invoicedQuantity/value	INVOIC - SG25 - QTY - C186 - DE6063(47) + C186 - DE6060
UOM of item	unitOfMeasure	Reference to a unit of measure code that optionally applies to the quantities value	O	/invoice/invoiceLineItem/invoicedQuantity/unitOfMeasure/measurementUnitCode/Value	INVOIC - SG25 - QTY - C186 - DE6063(47) + C186 - DE6060 + C186 - DE6411
Pack quantity	itemPriceBaseQuantity	To specify the basis for a unit price	O	/invoice/invoiceLineItem/itemPriceBaseQuantity/value + /invoice/invoiceLineItem/itemPriceBaseQuantity/unitOfMeasure/measurementUnitCode/Value	INVOIC - SG25 - QTY - C186 - DE6063(52 ⁵) + C186 - DE6060
Unit price excluding GST	itemPriceInclusiveAllowancesCharges	Net price including all allowances and charges and excluding taxes	M	/invoice/invoiceLineItem/itemPriceInclusiveAllowanceCharges	INVOIC - SG28 - PRI - C509 - DE5125(AAA) + C509 - DE5118

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M/O	GS1 XML 2.5 mapping	EANCOM 97 mapping
Line value (excl. GST)	amountInclusiveAllowancesCharges	The sum of the line item amount. Excluding Invoice line charges and allowances	M	/invoice/invoiceLineItem/amountInclusiveAllowancesCharges	INVOIC - SG26 - MOA - C516 - DE5025(128) + C515 - DE5004
GST percentage applied to item	invoiceLineTaxInformation	Information about the tax rate applicable to the invoice line	O	/invoice/invoiceLineItem/invoiceLineTaxInformation/taxPercentage	INVOIC - SG33 - TAX - DE5283(7) + C241 - DE5153(GST) + C243 - DE5278
GST amount of the line	invoiceLineTaxInformation	Information about the tax applicable to the invoice line	O	/invoice/invoiceLineItem/invoiceLineTaxInformation/taxAmount	INVOIC - SG33 - MOA - C516 - DE5025(124) + C516 - DE5004
Original purchase order number	uniqueCreatorIdentification	The unique creator identification for the original purchase order	O	/invoice/invoiceLineItem/orderIdentification/documentReference/uniqueCreatorIdentification	INVOIC - SG29 - RFF - C506 - DE1153(ON) + C506 - DE1154
Original purchase order line number	documentLineReference	Reference to another GS1 Business Message Line	O	/invoice/invoiceLineItem/orderIdentification/documentLineReference/attributes-number	INVOIC - SG29 - RFF - C506 - DE1153(LI) + C506 - DE1156
Line item comments			O	Pending Change Request	INVOIC - SG25 - FTX - DE4451(CHG) + C108 - DE4440
TRAILER/SUMMARY					
Total GST amount (incl. Charge/Allowance)	totalTaxAmount	Total of all duty/tax/fee amounts	M	/invoice/invoiceTotals/totalTaxAmount	INVOIC - SG50 - MOA - C516 - DE5025(124) + C516 - DE5004
Total invoice amount (incl. GST)	totalInvoiceAmountPayable	Total amount including taxes (gross amount) that needs to be paid	M	/invoice/invoiceTotals/totalInvoiceAmount	INVOIC - SG48 - MOA - C516 - DE5025(77) + C516 - DE5004
Total invoice net amount incl. Charge/Allowance (excl. GST)	totalInvoiceAmount	Total amount excluding taxes	O	/invoice/invoiceTotals/totalLineAmountInclusiveAllowancesCharges	INVOIC - SG48 - MOA - C516 - DE5025(128) + C516 - DE5004

Legends:

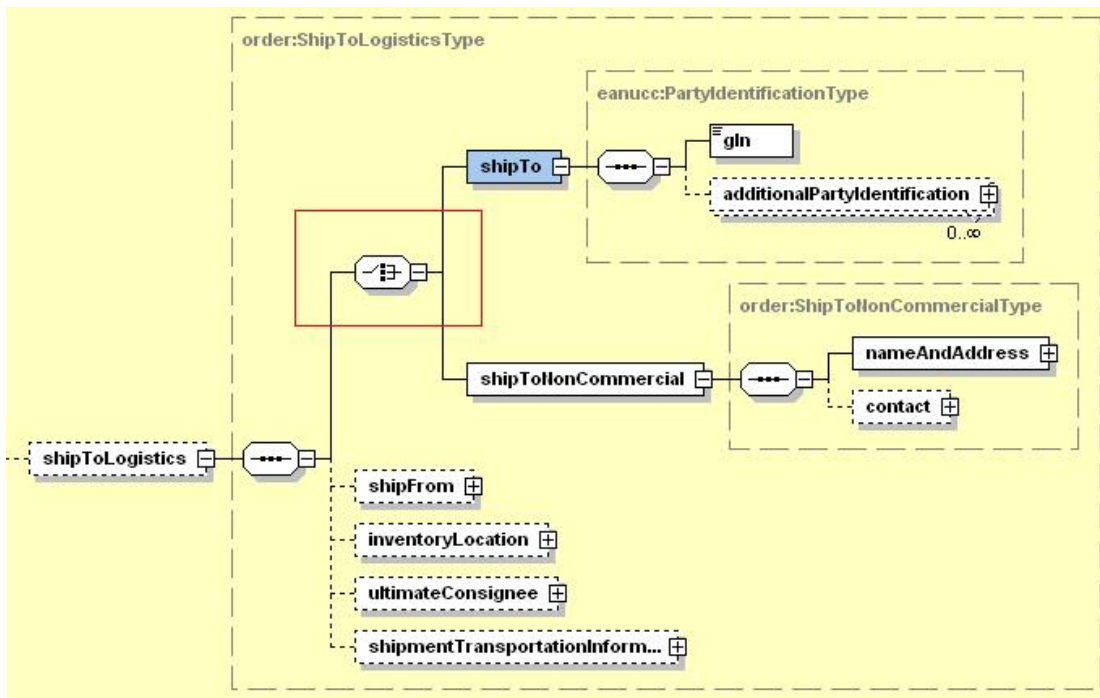
Cannot be mapped/Subject to Change Request.




3.1 Notes

¹ - 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.

² – 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 (GS1 XML rule).

³ - shipTo is mandatory if order is to be delivered to a GLN identified location. Used instead of shipToNonCommercial location (GS1 XML rule).



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

⁴ - 'AMT' is not a valid EANCOM 97 code. The use of code AMT represents a deviation from the EANCOM recommendations and is seen as a solution to meet industry needs.

⁵ - Code '52' is not part of the restricted code list of this data element. The release of code '52' represents a deviation from the EANCOM recommendations and is seen as a solution to meet industry needs.