



Hardware GS1 Action Group

Invoice Data Definitions Mapping

Version v2.0

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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
V2.0	25/01/12	Included EANCOM 2002 mappings, included UNB segment, highlighted differences between EANCOM 97 and 2002 releases	GS1

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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 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 EANCOM 97, EANCOM 2002 and GS1 XML v2.5 standards.

2 How to read the Mapping

Section 3 below contains the HGAG Invoice eCommerce data set. It consists of nine 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.
- **EANCOM 2002 mapping** – path to the data element being mapped in EANCOM 2002 messaging standard.
- **97 vs '02** – indicates if there is a difference between the two standards. \checkmark = no change, X = change
- **Variance Detail** – details where the two EANCOM standards differ for the element

2.1 GS1 XML v2.5 mapping

In the GS1 XML 2.5 column, in 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 and EANCOM 2002 mapping

In the EANCOM 97 and EANCOM 2002 mapping column, in 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

NOTE: Hardware Message Implementation Guides based on EANCOM 2002 have not been published.

3 Invoice Mapping

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
HEADER LEVEL								
Sender identification	Sender	Identifies the party sending an electronic message by use of the Global Location Number	M	/StandardBusinessDocument Header/Sender/Identifier	INVOIC - UNB - S002 - 0004 + S002 - 0007(14)	INVOIC - UNB - S002 - 0004 + S002 - 0007(14)	√	
Recipient identification	Receiver	Identifies the party receiving an electronic message by use of the Global Location Number	M	/StandardBusinessDocument Header/Receiver/Identifier	INVOIC - UNB - S003 - 0004 + S003 - 0007(14)	INVOIC - UNB - S003 - 0004 + S003 - 0007(14)	√	
Date/Time of message	DocumentIdentification	Date and time of the SBDH document creation	M	/StandardBusinessDocument Header/DocumentIdentification/CreationDateAndTime	INVOIC - UNB - S004 - 0017 + S004 - 0019	INVOIC - UNB - S004 - 0017 + S004 - 0019	√	
Interchange control	InstanceIdentifier	Unique instance identifier for the message	M	/StandardBusinessDocument Header/DocumentIdentification/InstanceIdentifier	INVOIC - UNB - S004 - 0020	INVOIC - UNB - S004 - 0020	√	
Invoice number	invoiceIdentification	Contains the unique identifier of the business document	M	/invoice/invoiceIdentification/uniqueCreatorIdentification	INVOIC - BGM - DE1004	INVOIC - BGM - C106 - DE1004	X	In 2002, DE1004 has become a component of the Composite Element C106
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	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 - DE2380	INVOIC - DTM - C507 - DE2005(454) + C507 - DE2380	√	
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	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	INVOIC - SG1 - RFF - C506 - DE1153(IV) + C506 - DE1154	√	

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
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	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	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)	INVOIC - SG2 - NAD - DE3035(BY) + C082 - DE3039 + C082 - DE3055(9)	√	
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)	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)	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 - DE3035(BY) - C080 - DE3036	INVOIC - SG2 - NAD - DE3035(BY) - 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	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	INVOIC - 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	EANCOM 2002 mapping	97 vs 02	Variance Detail
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	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	INVOIC - SG2 - NAD - DE3035(BY) + C819 - DE3228	X	In 2002, DE3228 has become part of a Composite Element C819 which is used to specify country sub-entity details.
Buyer post code	postalCode	Code defining international postal zone code	O	/invoice/buyer/nameAndAddress/postalCode	INVOIC - SG2 - NAD - DE3035(BY) + DE3251	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	INVOIC - SG2 - NAD - DE3035(BY) + DE3207	√	
Buyer contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (PD) + C056 - DE3412	INVOIC - SG5 - CTA - DE3139 (PD) + C056 - DE3412	√	
Buyer telephone number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)	√	
Buyer fax number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	√	
Buyer email address			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)	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	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)	INVOIC - SG2 - NAD - DE3035(SU) + 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	EANCOM 2002 mapping	97 vs 02	Variance Detail
Seller additional identification	additionalPartyIdentificationValue	A party identifier that is in addition to the GLN	O	/invoice/seller/partyIdentification/additionalPartyIdentificationValue + /invoice/seller/partyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(SU) + C082 - DE3039 + C082 - DE3055(91 ¹)	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/additionalPartyIdentificationValue + /invoice/seller/partyIdentification/additionalPartyIdentificationType(SELLER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(SU) + C082 - DE3039 + C082 - DE3055(92 ¹)	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 - DE3035(SU) + C080 - DE3036	INVOIC - SG2 - NAD - DE3035(SU) + 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	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) + C059 - DE3042	INVOIC - SG2 - NAD - DE3035(SU) + 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	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	INVOIC - SG2 - NAD - DE3035(SU) + C819 - DE3228	X	In 2002, DE3228 has become part of a Composite Element C819 which is used to specify country sub-entity details.

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
Seller post code	postalCode	Code defining international postal zone code	M	/invoice/seller/nameAndAddress/postalCode	INVOIC - SG2 - NAD - DE3035(SU) + DE3251	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	INVOIC - SG2 - NAD - DE3035(SU) + DE3207	√	
Seller contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412	√	
Seller telephone number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)	√	
Seller fax number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	√	
Seller email address			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)	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	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)	INVOIC - SG2 - NAD - DE3035(PR) + C082 - DE3039 + C082 - DE3055(9)	√	
Payer additional identification	additionalPartyIdentificationValue	A party identifier that is in addition to the GLN	O	/invoice/payer/partyIdentification/additionalPartyIdentificationValue + /invoice/payer/partyIdentification/additionalPartyIdentificationType(BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY)	INVOIC - SG2 - NAD - DE3035(PR) + C082 - DE3039 + C082 - DE3055(92 ¹)	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 - DE3035(PR) + C080 - DE3036	INVOIC - SG2 - NAD - DE3035(PR) + 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	INVOIC - SG2 - NAD - DE3035(PR) + C059 - DE3042	√	

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
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	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	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	INVOIC - SG2 - NAD - DE3035(PR) + C819 - DE3228	X	In 2002, DE3228 has become part of a Composite Element C819 which is used to specify country sub-entity details.
Payer post code	postalCode	Code defining international postal zone code	O	/invoice/payer/nameAndAddress/postalCode	INVOIC - SG2 - NAD - DE3035(PR) + DE3251	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	INVOIC - SG2 - NAD - DE3035(PR) + DE3207	√	
Payer contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412	√	
Payer telephone number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)	√	
Payer fax number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	√	
Payer email address			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)	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)	INVOIC - 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	EANCOM 2002 mapping	97 vs 02	Variance Detail
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)	INVOIC - SG2 - NAD - DE3035(ST) + C082 - DE3039 + C082 - DE3055(92 ¹)	√	
Ship to name			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + C080 - DE3036	INVOIC - SG2 - NAD - DE3035(ST) + C080 - DE3036	√	
Ship to address line 1			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + C059 - DE3042	INVOIC - SG2 - NAD - DE3035(ST) + C059 - DE3042	√	
Ship to address line 2			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + C059 - DE3042	INVOIC - SG2 - NAD - DE3035(ST) + C059 - DE3042	√	
Ship to city name			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + DE3164	INVOIC - SG2 - NAD - DE3035(ST) + DE3164	√	
Ship to state in clear text			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + DE3229	INVOIC - SG2 - NAD - DE3035(ST) + C819 - DE3228	X	In 2002, DE3228 has become part of a Composite Element C819 which is used to specify country sub-entity details.
Ship to post code			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + DE3251	INVOIC - SG2 - NAD - DE3035(ST) + DE3251	√	
Ship to country code			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(ST) + DE3207	INVOIC - SG2 - NAD - DE3035(ST) + DE3207	√	
Ship To contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412	√	
Ship to telephone number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)	INVOIC - 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	EANCOM 2002 mapping	97 vs 02	Variance Detail
Ship to fax number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	√	
Ship to email address			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)	√	
Ship to non commercial site name. The destination location to which goods will be shipped when the ship-to party cannot be prealigned due to the business relationship.	name	The name of the party expressed in text	M ²	/invoice/shipToLogistics/shipToNonCommercial/nameAndAddress/name	INVOIC - SG2 - NAD - DE3035(UD) + C080 - DE3036	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	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	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	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	INVOIC - SG2 - NAD - DE3035(UD) + C819 - DE3228	X	In 2002, DE3228 has become part of a Composite Element C819 which is used to specify country sub-entity details.

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
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	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	INVOIC - SG2 - NAD - DE3035(UD) + DE3207	√	
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/languageCode	INVOIC - SG5 - CTA - DE3139(OC) + C056 - DE3412	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)	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-communicationChannelCode (TELEFAX) + /invoice/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationNumber	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	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	EANCOM 2002 mapping	97 vs 02	Variance Detail
Ship to non commercial site email address	communication Number	Number assigned to a specific means of communication	O	/invoice/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationChannelCode (EMAIL) + /invoice/shipToLogistics/shipToNonCommercial/contact/communicationChannel/attributes-communicationNumber	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)	√	
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)	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)	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	INVOIC - SG2 - NAD - DE3035(SF) + C080 - DE3036	√	
Ship From address line 1			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + C059 - DE3042	INVOIC - SG2 - NAD - DE3035(SF) + C059 - DE3042	√	
Ship From address line 2			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + C059 - DE3042	INVOIC - SG2 - NAD - DE3035(SF) + C059 - DE3042	√	
Ship From city name			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + DE3164	INVOIC - SG2 - NAD - DE3035(SF) + DE3164	√	

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
Ship From state in clear text			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + DE3229	INVOIC - SG2 - NAD - DE3035(SF) + C819 - DE3228	X	In 2002, DE3228 has become part of a Composite Element C819 which is used to specify country sub-entity details
Ship From post code			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + DE3251	INVOIC - SG2 - NAD - DE3035(SF) + DE3251	√	
Ship From country code			O	Pending Change Request	INVOIC - SG2 - NAD - DE3035(SF) + DE3207	INVOIC - SG2 - NAD - DE3035(SF) + DE3207	√	
Ship From contact name			O	Pending Change Request	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412	INVOIC - SG5 - CTA - DE3139 (OC) + C056 - DE3412	√	
Ship From Telephone Number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(TE)	√	
Ship From Fax Number			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(FX)	√	
Ship From email address			O	Pending Change Request	INVOIC - SG5 - COM - C076 - DE3148 + C076 - DE3155(EM)	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/timePeriodDue	INVOIC - SG8 - PAT - DE4279(22) + DTM - C507 - DE2005(13) + C507 - DE2380 + C507 - DE2379	INVOIC - SG8 - PAT - DE4279(22) + DTM - C507 - DE2005(13) + C507 - DE2380 + C507 - 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	INVOIC - SG1 - RFF - C506 - DE1153(DQ) + C506 - DE1154	√	
Delivery date.			O	Pending Change Request.	INVOIC - DTM - C507 - DE2005(35) + C507 - DE2380 + C507 - DE2379	INVOIC - DTM - C507 - DE2005(35) + C507 - DE2380 + C507 - DE2379	√	
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	INVOIC - SG1 - RFF - C506 - DE1153(ON) + C506 - DE1154	√	

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
Type of charge	invoiceAllowanceChargeType	Code specifying the identification of an allowance or charge	O	/invoice/invoiceAllowanceCharge/invoiceAllowanceChargeType	INVOIC - SG15 - ALC - DE5463(C)	INVOIC - SG16 - ALC - DE5463(C)	X	There is only Segment Group difference
Charge amount	invoiceAllowanceChargeAmount	Amount of allowance or charge applicable to the complete invoice	O	/invoice/invoiceAllowanceCharge/invoiceAllowanceChargeAmount	INVOIC - SG19 – MOA - C516 - DE5025 + C516 - DE5004	INVOIC - SG20 - MOA - C516 - DE5025 + C516 - DE5004	X	There is only Segment Group difference
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	INVOIC - SG22 - TAX - DE5283(7) + C241 - DE5153(GST) + C243 - DE5278	X	There is only Segment Group difference
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	INVOIC - SG22 - MOA - C516 - DE5025(124) + C516 - DE5004	X	There is only Segment Group difference
Allowance type	invoiceAllowanceChargeType	Code specifying the identification of an allowance or charge	O	/invoice/invoiceAllowanceCharge/invoiceAllowanceChargeType	INVOIC - SG15 - ALC - DE5463(A)	INVOIC - SG16 - ALC - DE5463(A)	X	There is only Segment Group difference
Allowance amount	invoiceAllowanceChargeAmount	Amount of allowance or charge applicable to the complete invoice	O	/invoice/invoiceAllowanceCharge/invoiceAllowanceChargeAmount	INVOIC - SG19 – MOA - C516 - DE5025 + C516 - DE5004	INVOIC - SG20 - MOA - C516 - 5025 + C516 - DE5004	X	There is only Segment Group difference
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	INVOIC - SG22 - TAX - DE5283(7) + C241 - DE5153(GST) + C243 - DE5278	X	There is only Segment Group difference
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	INVOIC - SG22 - MOA - C516 - DE5025(124) + C516 - DE5004	X	There is only Segment Group difference
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	INVOIC - SG6 - TAX - DE5283(7) + C241 - DE5153(GST) + C243 - DE5278	√	
Comments for the invoice			O	Pending Change Request	INVOIC - FTX - DE4451 + C108 - DE4440	INVOIC - FTX - DE4451 + C108 - DE4440	√	
Currency of the invoice	currency	The monetary unit used for calculation in an invoice.	M	/invoice/invoiceCurrency/currencyISOCODE	INVOIC - SG7- CUX - C504 - DE6347(2) + C504 - DE6345 (ISO 4217 three alpha) + C504 - DE6343	INVOIC – SG7- CUX - C504 - DE6347(2) + C504 - DE6345 (ISO 4217 three alpha) + C504 - DE6343	√	
LINE LEVEL								

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
Number of the invoice line within invoice	number	Invoice line Item number	M	/invoice/invoiceLineItem/attributes-number	INVOIC - SG25 - LIN - DE1082	INVOIC - SG26 - LIN - DE1082	X	There is only Segment Group difference
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)	INVOIC - SG26 - LIN - C212 - DE7140 + C212 - DE7143(SRV)	X	There is only Segment Group difference and code SRV is used in replace of EN to identify GTIN
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)	INVOIC - SG26 - PIA - DE4347(1) + C212 - DE7140 + C212 - DE7143(IN)	X	There is only Segment Group difference
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)	INVOIC - SG26 - PIA - DE4347(1) + C212 - DE7140 + C212 - DE7143(SA)	X	There is only Segment Group difference
Product description	itemDescription	A short textual description of the invoiced item	M	/invoice/invoiceLineItem/itemDescription/language/languageSocCode + /invoice/invoiceLineItem/itemDescription/text	INVOIC - SG25 - IMD - DE7077(F) + C273 - DE7009 + C273 - DE7008	INVOIC - SG26 - IMD - DE7077(F) + C273 - DE7009 + C273 - DE7008	X	There is only Segment Group difference
Quantity supplied/invoiced	invoicedQuantity	A numerical value of invoiced quantity	M	/invoice/invoiceLineItem/invoicedQuantity/value	INVOIC - SG25 - QTY - C186 - DE6063(47) + C186 - DE6060	INVOIC - SG26 - QTY - C186 - DE6063(47) + C186 - DE6060	X	There is only Segment Group difference
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	INVOIC - SG26 - QTY - C186 - DE6063(47) + C186 - DE6060 + C186 - DE6411	X	There is only Segment Group difference

Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
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	INVOIC - SG26 - QTY - C186 - DE6063(52 ⁵) + C186 - DE6060	X	There is only Segment Group difference
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	INVOIC - SG29 - PRI - C509 - DE5125(AAA) + C509 - DE5118	X	There is only Segment Group difference
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	INVOIC - SG27 - MOA - C516 - DE5025(128) + C515 - DE5004	X	There is only Segment Group difference
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	INVOIC - SG34 - TAX - DE5283(7) + C241 - DE5153(GST) + C243 - DE5278	X	There is only Segment Group difference
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	INVOIC - SG34 - MOA - C516 - DE5025(124) + C516 - DE5004	X	There is only Segment Group difference
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	INVOIC - SG30 - RFF - C506 - DE1153(ON) + C506 - DE1154	X	There is only Segment Group difference
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	INVOIC - SG30 - RFF - C506 - DE1153(LI) + C506 - DE1156	X	There is only Segment Group difference
Line item comments			O	Pending Change Request	INVOIC - SG25 - FTX - DE4451(CHG) + C108 - DE4440	INVOIC - SG26 - FTX - DE4451(CHG) + C108 - DE4440	X	There is only Segment Group difference
TRAILER/SUMMARY								
Total GST amount (incl. Charge/Allowance)	totalTaxAmount	Total of all duty/tax/fee amounts	M	/invoice/invoceTotals/totalTaxAmount	INVOIC - SG50 - TAX - DE5283(7) + C241 - 5153(GST) + C243 - 5278 + MOA - C516 - DE5025(124) + C516 - DE5004	INVOIC - SG52 - TAX - DE5283(7) + C241 - 5153(GST) + C243 - 5278 + MOA - C516 - DE5025(124) + C516 - DE5004	X	There is only Segment Group difference
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	INVOIC - SG50 - MOA - C516 - DE5025(77) + C516 - DE5004	X	There is only Segment Group difference

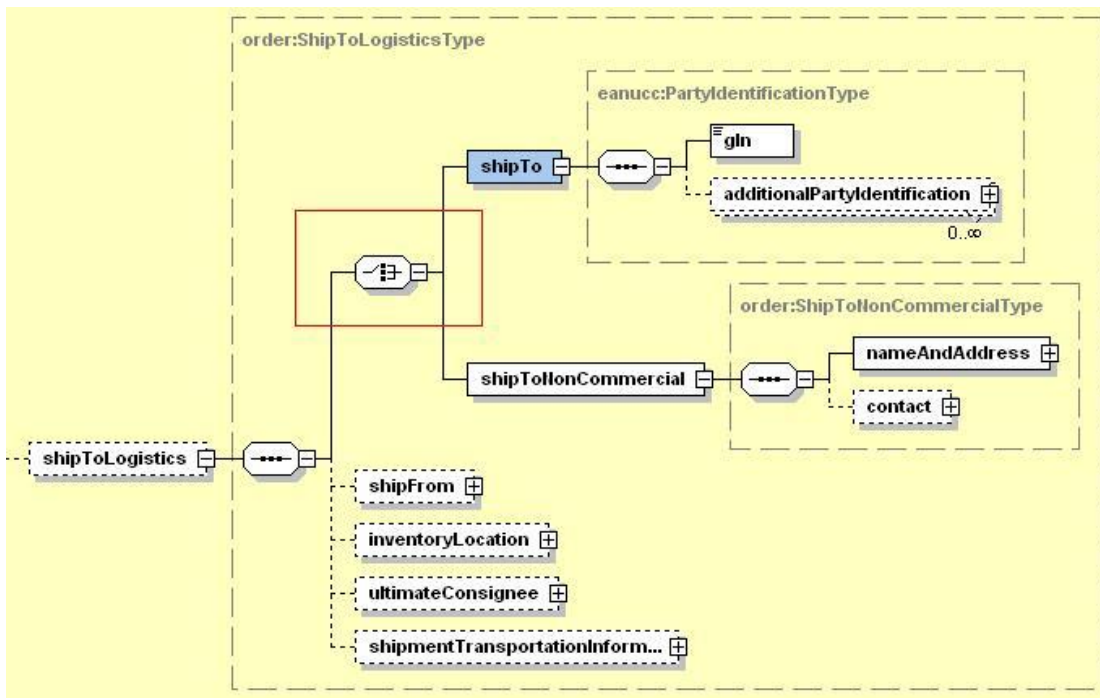
Field Description	Global Data Dictionary Name	Global Data Dictionary Definition	M / O	GS1 XML 2.5 mapping	EANCOM 97 mapping	EANCOM 2002 mapping	97 vs 02	Variance Detail
Total invoice net amount incl. Charge/Allowance (excl. GST)	totalInvoiceAmount	Total amount excluding taxes	O	/invoice/invoiceTotals/totalLineAmountInclusiveAllowancesCharges	INVOIC - SG48 - MOA - C516 - DE5025(128) + C516 - DE5004	INVOIC - SG50 - MOA - C516 - DE5025(128) + C516 - DE5004	X	There is only Segment Group difference




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.