



Business Document Specification

Order 20.1.2

Issue date: 2018-01-29

Version: 1.7.0

Related Mapping Specification: MS 30

GS1 Sweden ESAP

Elements and structure

Entity id	Element name	Cardinality	Element specification
	ORDER HEADER	1..1	This business document is used when a buyer sends an order to a supplier. Comment: This class is used to specify information which is the same for all ordered trade items. The class must always be used.
T3309	Order number	1..1	Definition: A unique number for identification of the order. Comment: Each new order must have a unique identity. In order to guarantee a globally unique identity, a GDTI may be used. A GDTI (Global Document Type Identifier) is an alphanumeric string including from 14 up to 30 digits. Format: An alphanumeric string including up to 30 characters. Length: 1 .. 30
* T0007	Reference to contract	1..1	Definition: The identity of the written agreement that this business document refers to. Comment: Reference to the contract regarding these items. Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35
T0006	Reference to price list	0..1	Definition: The identity of the price list that this business document refers to. Format: An alphanumeric string including up to 30 characters. Length: 1 .. 30
	ORDER DATE OR TIME	1..1	Comment: The class is used to specify when the order is created. The class must always be used. Only one of the following attributes must be used.
T3333	Order date	0..1	Definition: Date when the order is created. Format: CCYYMMDD Length: 8
T3310	Order date and time	0..1	Definition: Point of time when the order is created. Format: CCYYMMDDHHMM Length: 12
	DELIVERY INFORMATION	0..1	Comment: The class can be used to specify when the trade items are available to be picked-up or when the trade items are requested to be delivered. Only one of the following attributes may be used.
T3334	Availability due date and time	0..1	Definition: Point of time when the trade item should be available at specified location. Format: CCYYMMDDHHMM Length: 12
T0040	Requested delivery date	0..1	Definition: Date on which delivery of the trade items is requested. Format: CCYYMMDD Length: 8
T3332	Requested delivery date and time	0..1	Definition: Date and point of time on which delivery of the trade items is requested. Format: CCYYMMDDHHMM Length: 12
	SUPPLIER PARTY	1..1	Comment: The class is used to specify information about the supplier. The class must always be used. "T0009 Supplier identification GLN" must always be specified. "T0129 Shipper identification GLN" is used when the supplier wants to specify that the shipment is sent from another party than the supplier. The shipper can for example be an internal or external warehouse unit. If a shipper is not specified it is presumed that the shipment is sent from the supplier.

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* T0009	Supplier identification GLN	1..1	<p>Definition: Identity, according to GS1's identification system, of a party formally defined as the seller in a commercial agreement.</p> <p>Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period.</p> <p>Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13</p>
* T0129	Shipper identification GLN	0..1	<p>Definition: Identity, according to GS1's identification system, of a party from whom the shipment is sent from.</p> <p>Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period.</p> <p>Comment: Note! The attribute will be deleted from the next version of this business document, unless GS1 Sweden before then is informed that the attribute fulfills any relevant business requirement.</p> <p>Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13</p>
* T2240	Ship from location identification GLN	0..1	<p>Definition: Identity, according to GS1's identification system, of a location from which the shipment may be picked up by the retailer.</p> <p>Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period.</p> <p>Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13</p>
	BUYER PARTY	1..1	<p>Comment: The class is used to specify information about the buyer. The class must always be used.</p> <p>"T0008 Buyer identification GLN" must always be specified.</p> <p>"T0036 Consignee identification GLN" is used when another party than the buyer should approve the receipt of the shipment. If a consignee is not specified it is presumed that the consignee is the same as the buyer and the shipment will be delivered to the buyer's address. The consignee can for example be the buyer's central goods terminal.</p> <p>"T0037 Delivery place identification GLN" is used when a specific delivery place should be specified. If a delivery place is not specified it is presumed that the shipment should be delivered to the consignee's address. If nor a consignee is specified it is presumed that the shipment should be delivered to the buyer's address. The delivery place can for example be a loading platform.</p>
* T0008	Buyer identification GLN	1..1	<p>Definition: Identity, according to GS1's identification system, of a party formally defined as the buyer in a commercial agreement.</p> <p>Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period.</p>

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			Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13
* T0036	Consignee identification GLN	0..1	Definition: Identity, according to GS1's identification system, of a party who approves receipt of the shipment. Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period. Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13
* T0037	Delivery place identification GLN	0..1	Definition: Identity, according to GS1's identification system, of the location to where the shipment will be delivered. Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period. Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13
	BUYERS INVOICE MANAGEMENT	0..1	Comment: The class is used to specify who will manage the invoice. The class must be used when the buyer wants to forward the invoice to a specific unit for handling or when the buyer has engaged another company to pay the invoices. If the class is not used it is presumed that the invoice is to be sent to the address connected to the buyer's GLN.
* T0085	Invoicee identification GLN	0..1	Definition: Identity, according to GS1's identification system, of the party to whom invoices are issued on behalf of the buyer. Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period. Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13
* T0240	Invoice recipient identification GLN	0..1	Definition: Identity, according to GS1's identification system, of the party at the buyer whom invoices should be addressed to. Comment: The identity is a globally unique and unambiguous number. The attribute is used when the buyer wants to forward the invoice to a specific unit for handling. The invoice recipient and the buyer belong to the same legal entity. If an invoice recipient is not specified it is presumed that the buyer is the invoice recipient. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period. Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13
	CROSS DOCKING INFORMATION	0..1	Comment: The class can be used to specify information about logistic units which will be reloaded before they are forwarded to the ultimate consignee.
* T0086	Shipping marks	0..1	Definition: A text printed on a transport label.

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* T3239	Ultimate consignee identification GLN	0..1	<p>Comment: The attribute is used when the buyer specifies goods marking information. The marking, the text, is printed on the transport labels. The format length is 5*70 positions, but the exact format must be agreed upon.</p> <p>Format: An alphanumeric string including up to 350 characters. Length: 1 .. 350</p> <p>Definition: Identity, according to GS1's identification system, of the party who is the ultimate receiver of the shipment.</p> <p>Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period.</p> <p>Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13</p>
ORDER LINE			
T0051	Line number	1..1	<p>Comment: This class is used to specify information which is specific for an ordered trade item. The class is repeated for every ordered trade item.</p> <p>Definition: A sequence number within the business document.</p> <p>Comment: Line numbers will be a number in ascending order. For example 1, 2, 3, 4 and so on, or 10, 20, 30, ...</p> <p>Format: An integer including up to six digits. Maximum Total Digits: 6 Maximum Decimal Digits: 0</p>
T3411	Reference to suppliers order number	0..1	<p>Definition: Number to suppliers order when field sales has occurred.</p> <p>Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
ORDERED TRADE ITEM			
* T0154	Trade item GTIN	1..1	<p>Comment: The class is used to specify an identity for the ordered trade item. The class must always be used. It must be possible to find the corresponding trade item information from the identity throughout the entire archive period.</p> <p>Definition: Identity of the trade item according to GS1's identification system.</p> <p>Comment: GTIN is a globally unique and unambiguous number. Every trade item must have a unique GTIN used in the supply chain. GS1 has a set of rules governing which changes on a trade item that require a new GTIN and which are permitted without the GTIN being changed. Read more about GS1s GTIN rules on www.gs1.org/gtinrules.</p> <p>Comment: The identity of this article is exchanged as a GTIN. Any of: GTIN-13 GTIN-14 GTIN-8 GTIN-12</p> <p>Format: GTIN (Global Trade Item Number). An alphanumeric string including exactly 14 digits. Length: 14</p>
T0172	Supplier's article number	0..1	<p>Definition: Internal number for the trade item allocated using the supplier's internal numbering system.</p> <p>Comment: The number is not a GTIN (Global Trade Item Number).</p> <p>Comment: May only be used if the trade item is an orderable unit for the wholesaler. This identification must be</p>

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			unique, that is, it may not be used on any other trade item or trade item hierarchy from the same supplier. Format: An alphanumeric string including up to 10 characters. Length: 1 .. 10
	ORDERED QUANTITY	1..1	Comment: The class is used to specify the ordered quantity of the trade item. The class must always be used, independent of if the trade item is sold per piece, weight, volume or length. If the trade item is a variable measure item, the unit of measurement is specified in "T0055 Unit of measurement for quantity code". The default unit of measurement is "per piece". If no unit of measurement is specified, the default unit of measurement takes effect.
* T0039	Ordered quantity value	1..1	Definition: Quantity ordered by the buyer. Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
* T0055	Unit of measurement for quantity code	0..1	Definition: Code indicating the unit of measurement in which the associated quantity is expressed. Comment: The units of measure should be expressed in terms of the UNECE Recommendation N°. 20 "Codes for Units of Measure Used in International Trade" [11]. Comment: Used if the ordered trade item is a so called variable measure item. It is not used if the ordered trade item is ordered in pieces. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description
			GRM gram
			KGM kilogram
			LTR litre
			MGM milligram
			MLT millilitre
			MMT millimetre
			MTR metre
	PRICE MARK FOR THE CONSUMER	0..1	Comment: The class can be used to specify information about price marking. The class is used when the parties have agreed that the supplier should price mark the consumer unit before delivery.
T3317	Price mark	1..1	Definition: The price the consumer unit is to be marked with Format: A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4
T0030	Unit price basis	0..1	Definition: Number of units for which unit price applies if not one (e.g. 100) Comment: The attribute is used when the price, according to the contract, is valid for more than one unit of the trade item, e.g. when the price is valid for 100 pieces of the trade item. Unit price basis is assumed to be '1' when no value is stated. Format: A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3
* T0031	Unit of measurement for price code	0..1	Definition: Code indicating the unit of measurement in which the associated price is expressed.

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			<p>Comment: The unit of measurement is used for trade items not priced per piece. The units of measure should be expressed in terms of the UNECE Recommendation N°. 20 "Codes for Units of Measure Used in International Trade" [11], such as "KGM" for kilogram.</p> <p>Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3</p> <table border="1"> <thead> <tr> <th>Code/Description</th> <th></th> </tr> </thead> <tbody> <tr> <td>GRM</td> <td>gram</td> </tr> <tr> <td>KGM</td> <td>kilogram</td> </tr> <tr> <td>MLT</td> <td>millilitre</td> </tr> <tr> <td>MMT</td> <td>millimetre</td> </tr> </tbody> </table>	Code/Description		GRM	gram	KGM	kilogram	MLT	millilitre	MMT	millimetre
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	LIST PRICE, DISCOUNTED	0..1	<p>Comment: The class can be used to specify information about the discounted list price. The class must only be used in exceptional cases when there is a manually agreed price outside the agreement.</p>										
* T0182	List price discounted	1..1	<p>Definition: The discounted base price for the trade item (product or service).</p> <p>Comment: The price is exclusive of VAT.</p> <p>Comment: A price agreed on at the time of ordering. For special offers, e.g. in case of a soon-to-expire best before date.</p> <p>Format: A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4</p>										
T0030	Unit price basis	0..1	<p>Definition: Number of units for which unit price applies if not one (e.g. 100)</p> <p>Comment: The attribute is used when the price, according to the contract, is valid for more than one unit of the trade item, e.g. when the price is valid for 100 pieces of the trade item. Unit price basis is assumed to be '1' when no value is stated.</p> <p>Format: A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3</p>										
* T0031	Unit of measurement for price code	0..1	<p>Definition: Code indicating the unit of measurement in which the associated price is expressed.</p> <p>Comment: The unit of measurement is used for trade items not priced per piece. The units of measure should be expressed in terms of the UNECE Recommendation N°. 20 "Codes for Units of Measure Used in International Trade" [11], such as "KGM" for kilogram.</p> <p>Comment: Used when the pricing is not stated "per unit".</p> <p>Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3</p> <table border="1"> <thead> <tr> <th>Code/Description</th> <th></th> </tr> </thead> <tbody> <tr> <td>GRM</td> <td>gram</td> </tr> <tr> <td>KGM</td> <td>kilogram</td> </tr> <tr> <td>MLT</td> <td>millilitre</td> </tr> <tr> <td>MMT</td> <td>millimetre</td> </tr> </tbody> </table>	Code/Description		GRM	gram	KGM	kilogram	MLT	millilitre	MMT	millimetre
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	CONTROL TOTAL	0..1	<p>Comment: The class can be used to perform a technical check when converting to/from EDIFACT.</p>										
* T0042	Control total quantities	0..1	<p>Definition: Hash total of all quantities in the business message.</p> <p>Comment: The sum of quantities in "T0039 Ordered quantity".</p>										

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* T0043	Control total lines	0..1	<p>Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3</p> <p>Definition: Number of lines in the business message.</p> <p>Comment: Number of lines (LIN segments) in the message.</p> <p>Format: An integer including up to six digits. Maximum Total Digits: 6 Maximum Decimal Digits: 0</p>

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