



# Business Document Specification

## Despatch advice 6.3.2

Issue date: 2016-06-29

Version: 2.9.1

Related message specification: MS 44

GS1 Sweden ESAP

Elements and structure

Entity id	Element name	Cardinality	Element specification	
Despatch advice			This business document is used to inform the buyer of goods in transit to the place of delivery. Transport units should be marked with a barcode with SSCC (Serial Shipping Container Code) which enables further automation of the delivery.	
T0125	DESPATCH ADVICE HEADER	1..1	Comment:	This class is used to specify information which is the same for all items in the despatch advice. It must always be used.
	Despatch advice number	1..1	Definition: Comment:  Comment:  Format:	A unique number for identification of the despatch advice. Each new despatch advice 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. SFTI recommends that the document is identified with maximum 17 characters in SFTI implementations. The parties must agree upon if more than 17 characters may be used. An alphanumeric string including up to 30 characters. Length: 1 .. 30
	Despatch advice date	1..1	Definition: Format:	Date when supplier created the despatch advice. CCYYMMDD Length: 8
	Reference to call-off	1..1	Definition: Comment: Comment:   Format:	The identity of the call-off that this business document refers to. Refers to the buyer's call-off number. Reference to buyer's order number. The despatch advice is verified according to the call-off at both header level and line level. If the order has been adjusted by an order confirmation, then the despatch advice is verified according to the adjusted order. If "BDS 6.5.2 Order agreement" or "BDS 6.5.1 Order copy" is used, then, this is the call-off number that the supplier has provided in the order agreement or order copy, respectively. An alphanumeric string including up to 30 characters. Length: 1 .. 30
T3105	Mode of transport, code	0..1	Definition: Comment:	Code indicating the mode of transport used for carriage of the goods. State the code for the main mode of transport. If any part of the transport is by sea, use code 10 (Maritime transport) irrespective of if the goods also is carried by other modes of transport. If the goods is carried by a courier, use code 100 (Courier service).
			Format:	An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description	
			10	Maritime transport
			20	Rail transport
				30
			40	Air transport
			100	Courier service (GS1 Code)
	DESPATCH DATE	0..1	Comment:	This class can be used to specify when the goods leaves/left the supplier. The class must be used when the price is determined by the date at which the goods leaves the supplier. The parties must agree on

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\* Changed attribute, + new attribute. For a detailed change history see separate document.

### GS1 Sweden ESAP

#### Elements and structure

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			whether the delivery time should be stated as a date or date and time, that is, only one of the following attributes may be used.
T0127	Despatch date	0..1	Definition: <b>Date at which the goods left the supplier (or shipper).</b> Format: CCYYMMDD Length: 8
T3381	Despatch date time	0..1	Definition: <b>Date and point of time at which the goods left (or are planned to leave) the supplier (or shipper)</b> Format: CCYYMMDDHHMM Length: 12
	ESTIMATED DELIVERY DATE	0..1	Comment: The class can be used if the delivery date is other than the date in "T3332 Requested delivery date and time" or "T0040 Requested delivery date" of the order. The parties must agree on whether the estimated delivery time should be stated as a date or date and time, that is, only one of the following attributes may be used.
T3344	Estimated delivery date	0..1	Definition: <b>Date when the shipper of the goods expects the delivery to arrive to the receiver.</b> Format: CCYYMMDD Length: 8
T3227	Estimated delivery date and time	0..1	Definition: <b>Date and point of time when the shipper of the goods expects the delivery to arrive to the receiver.</b> Format: CCYYMMDDHHMM Length: 12
	SUPPLIER PARTY	1..1	Comment: The class is used to specify information about the supplier and other parts of the organization. It must always be used.
T0009	Supplier identification, GLN	1..1	Definition: <b>Identity, according to GS1's identification system, of a party formally defined as the seller in a commercial agreement.</b> 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
T0129	Shipper identification, GLN	0..1	Definition: <b>Identity, according to GS1's identification system, of a party from whom the goods has been sent from.</b> Comment: The identity is a globally unique and unambiguous number. Comment: The attribute is used when the supplier wants to specify that the goods are sent from another party than the supplier. If a shipper is not specified it is presumed that the goods are sent from the supplier. The shipper can for example be an internal or external warehouse unit. Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13
T2240	Ship from location identification, GLN	0..1	Definition: <b>Identity, according to GS1's identification system, of a location from which the trade item may be shipped, or picked up by the retailer.</b> Comment: The identity is a globally unique and unambiguous number. Comment: The attribute is used when the buyer and the supplier have agreed that the goods will be picked up by the

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			<p>buyer.</p> <p>If the buyer and the supplier have agreed that the goods will be picked up by the buyer, but a "ship from" location is not specified, it is presumed that goods should be picked up at the shipper. If nor a shipper is specified it is presumed that the goods should be picked up at the supplier.</p> <p>Format:</p> <p>GLN (Global Location Number).</p> <p>An alphanumeric string including exactly 13 digits.</p> <p>Length: 13</p>
	<b>BUYER PARTY</b>	1..1	<p>Comment:</p> <p>The class contains information about the buyer and other buyer parties, if any.</p> <p>The class is used for specifying information about the buyer, consignee and delivery address. It must always be used.</p>
T0008	—Buyer identification, GLN	1..1	<p>Definition:</p> <p><b>Identity, according to GS1's identification system, of a party formally defined as the buyer in a commercial agreement.</b></p> <p>Comment:</p> <p>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:</p> <p>GLN (Global Location Number).</p> <p>An alphanumeric string including exactly 13 digits.</p> <p>Length: 13</p>
T0036	—Consignee identification, GLN	0..1	<p>Definition:</p> <p><b>Identity, according to GS1's identification system, of a party who approves receipt of goods.</b></p> <p>Comment:</p> <p>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:</p> <p>GLN (Global Location Number).</p> <p>An alphanumeric string including exactly 13 digits.</p> <p>Length: 13</p>
	<b>DELIVERY PARTY</b>	0..1	<p>Comment:</p> <p>The class can be used to specify where the goods will be delivered. Only one of "T0037 Delivery place identification, GLN" and the class "Delivery address" may be used.</p>
T0037	—Delivery place identification, GLN	0..1	<p>Definition:</p> <p><b>Identity, according to GS1's identification system, of the location to where the goods will be delivered.</b></p> <p>Comment:</p> <p>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:</p> <p>GLN (Global Location Number).</p> <p>An alphanumeric string including exactly 13 digits.</p> <p>Length: 13</p>
	<b>NAME AND ADDRESS OF DELIVERY PLACE</b>	0..1	<p>Comment:</p> <p>This class can be used to specify the name and address of the location to where the goods will be delivered. The class is only used if the goods should be delivered to a temporary address.</p>
T5001	—Party name	0..1	<p>Definition:</p> <p><b>Name of the company or institution.</b></p> <p>Format:</p> <p>An alphanumeric string including up to 35 characters.</p> <p>Length: 1 .. 35</p>
T5002	—Department	0..1	<p>Definition:</p> <p><b>Department or similar.</b></p> <p>Format:</p> <p>An alphanumeric string including up to 35 characters.</p> <p>Length: 1 .. 35</p>
T5003	—Street name	0..1	<p>Definition:</p> <p><b>Name of the street.</b></p>

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T5004	Building	0..1	Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35 Definition: <b>Building, gate/entrance or similar.</b> Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35
T5005	City name	0..1	Definition: <b>Town or city.</b> Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35
T5006	Postal code	0..1	Definition: <b>Postal code unedited.</b> Format: An alphanumeric string including up to 17 characters. Length: 1 .. 17
T5007	Country code	0..1	Definition: <b>Identification of the name of a country or other geographical entity as specified in ISO 3166.</b> Comment: Code according to ISO 3166-1 (alpha-2 code). Format: An alphanumeric string including up to 2 characters. Length: 1 .. 2
DESPATCH ADVICE PACKAGE LEVEL		1..unbounded	Comment: This class is used to specify information which is specific for a logistic unit/pallet/package in the despatch advice. The class is repeated for every package in the despatch advice. Note that the class must be used even if an item is rejected or backordered and no package will be delivered.
T3304	Despatch package level	1..1	Definition: <b>A sequence number for the despatch package level within the business document.</b> Comment: Note that the attribute must be used even if an item is rejected or backordered and no package will be delivered. Format: An integer including up to six digits. Maximum Total Digits: 6 Maximum Decimal Digits: 0
DESPATCH ADVICE PACKAGE		0..1	Comment: The class is used to specify information about the despatch advice package. The class must always be used.
T0138	Logistic unit identification, SSCC	0..1	Definition: <b>Identity for the individual logistic unit as a globally unique and unambiguous number.</b> Comment: The identity gives access to logistic information about the physical logistic unit. The identity enables tracking and tracing of an individual logistic unit when it is transported and stored. Comment: SSCC is used if the identity of the package should be read with a barcode scanner. Only one SSCC per level can be specified. Note that the attribute should not be used if an item is rejected or backordered and no package will be delivered. Format: SSCC (Serial Shipping Container Code). An alphanumeric string including exactly 18 digits. Length: 18
T0137	Packaging type code	0..1	Definition: <b>Code indicating the type of package or container in which the goods are packed.</b> Comment: The attribute is used for identifying a package type for the transport unit. The attribute is strongly recommended when there are more than one unit in the same despatch, even if transport label is used or

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#### Elements and structure

Entity id	Element name	Cardinality	Element specification	
T0141	Package gross weight	0..1	Code/Description	
			Z38	Dolly, half pallet
				Low cart with wheels. Half pallet size.
			Z39	Egg container
				Container for eggs.
			Z40	Plant container
				Container for plants.
			Z41	Potato container
				Container for potatoes.
			Z42	Cheese pallet
T0051	Line number	1..1		Special equipment for placing whole cheeses on a pallet.
			Z43	Swine container
				Roll cage with special equipment for hanging whole and half swines
			Z44	CHEP sea pallet
				Large pallet within the CHEP system
			Definition:	<b>Gross weight of a package including packaging material.</b>
			Comment:	The gross weight is used for ordering transport, and control of incoming goods.
			Comment:	Note that the attribute should not be used if an item is rejected or backordered and no package will be delivered.
			Format:	An integer including up to five digits.
				Maximum Total Digits: 5
	DESPATCH ADVICE LINE	1..unbounded	Comment:	This class is used to specify information which is specific for an item in the specific package. The class is repeated for every item in the specific package.
				The following attributes occur once for each trade item in the package described in the immediately preceding package detail line. A trade item of a call-off line may be distributed between several packages within the same delivery.
				In order to avoid the use of decimal points weight, length and volume should be expressed in gram, millimeter and millilitre.
				In order to meet the traceability requirements each trade item should be stated once per GTIN, batch number and/or best before date.
				Note that the class must be used even if an item is rejected or backordered and no package will be delivered.
			Definition:	<b>A sequence number within the business document.</b>
			Comment:	Line numbers will be a number in ascending order. E.g 1, 2, 3, 4 and so on Alt 10, 20, 30, ...
			Format:	An integer including up to six digits.
				Maximum Total Digits: 6
				Maximum Decimal Digits: 0
	ADVISED ITEM	1..1	Comment:	This class is used to specify an identity for the item. It must always be used. It must be possible to find the corresponding item information from the identity throughout the entire archive period. An item can be advised as delivered, rejected or backordered.



# Business Document Specification

## Despatch advice 6.3.2

Issue date: 2016-06-29

Version: 2.9.1

Related message specification: MS 44

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### Elements and structure

Entity id	Element name	Cardinality	Element specification
* T0154	—Trade item, GTIN	0..1	<p>Only one of the following attributes may be used.</p> <p><b>Identity of the trade item according to GS1's identification system.</b></p> <p>Definition: GTIN is a globally unique and unambiguous number. Every trade item must have a unique GTIN for ordering and statistical purposes.</p> <p>Comment: 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 GS1's GTIN rules on <a href="http://www.gs1.org/gtinrules">www.gs1.org/gtinrules</a>.</p> <p>Comment: The attribute is used when the item is identified with GTIN.</p> <p>Format: GTIN (Global Trade Item Number). An alphanumeric string including exactly 14 digits. Length: 14</p>
T0172	—Supplier's article number	1..1	<p><b>The trade item number according to the supplier's own numbering system.</b></p> <p>Definition: The number is not a GTIN (Global Trade Item Number).</p> <p>Comment: The supplier's article number may only be used if the item is not identified with a GTIN.</p> <p>Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
T1120	—Manufacturer's article number	1..1	<p><b>The trade item number according to the manufacturer's own numbering system.</b></p> <p>Definition: The number is not a GTIN (Global Trade Item Number).</p> <p>Comment: The manufacturer's article number may only be used if the item is not identified with a GTIN or the supplier's article number.</p> <p>Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
	—REPLACED ITEM	0..1	<p>Comment: This class can be used to specify an identity of an ordered/called-off item which has been replaced by another item. The class may only be used if replacement items are permitted according to the agreement. The same item number as specified for the item in the order/call-off must be specified. It must be possible to find the corresponding item information from the identity throughout the entire archive period. An item can be advised as delivered, rejected or backordered.</p> <p>Only one of the following attributes may be used.</p>
T0057	—Replaced trade item identification, GTIN	0..1	<p><b>Identity, according to GS1's identification system, of the trade item being replaced by a new item.</b></p> <p>Definition: The identity is a globally unique and unambiguous number.</p> <p>Comment: The attribute is used when the replaced item is identified with GTIN.</p> <p>Format: GTIN (Global Trade Item Number). An alphanumeric string including exactly 14 digits. Length: 14</p>
T1318	—Replaced supplier item number	0..1	<p><b>Supplier's item number for the item that has been replaced by another item.</b></p> <p>Definition: The number is not a GTIN (Global Trade Item Number).</p> <p>Comment: The supplier's item number may only be used if the item is not identified with a GTIN.</p> <p>Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
T1321	—Replaced manufacturer item number	0..1	<p><b>Manufacturer's item number for the item that has been replaced by another item.</b></p> <p>Definition: The number is not a GTIN (Global Trade Item Number).</p> <p>Comment: The manufacturer's item number may only be used if the item is not identified with a GTIN or the supplier's</p>

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T0131			article number. Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35															
	ADVISED QUANTITY AND AMOUNT	0..1	Comment: The classes "Despatched quantity" and "Despatched amount" can be used to specify how much of the ordered item that will be sent from the supplier to the buyer. Alternative 1: For an item that is ordered and delivered per piece, the number of shipped units is specified in "T0131 Despatched quantity, amount". The class "Despatched amount" is not used. Alternative 2: For a variable measure item ordered per piece, but sold per weight/volume, the number of despatched (ordered) items is specified in "T0131 Despatched quantity, amount" (e.g. 10 (pcs of cheese)). The exact weight/volume is specified in "T0133 Despatched amount, amount" (e.g. 5000) and the unit of measurement (e.g. gram) in "T0134 Unit of measurement for amount". Alternative 3: For a variable measure item ordered and sold per weight/volume, the quantity is specified in "T0131 Despatched quantity, amount" and the unit of measurement (e.g. gram) in "T0055 Unit of measurement for quantity".															
	DESPATCHED QUANTITY	0..1	Comment: The class can be used to specify the delivered quantity.															
	Despatched quantity, value	0..1	Definition: <b>The quantity of the item (packages) being despatched.</b> Comment: Delivered quantity of the trade item, irrespective of whether it is a variable quantity product or an item sold by piece. 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	0..1	Definition: <b>Measurement unit, code</b>  Comment: <b>Unit of measurement in which the associated quantity is expressed.</b> Used only when the ordered trade item is a variable quantity product. PCE is default value for items sold by piece. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3														
			<table><tr><th>Code/Description</th></tr><tr><td>GRM</td><td>gram</td></tr><tr><td>KGM</td><td>kilogram</td></tr><tr><td>LTR</td><td>litre</td></tr><tr><td>MGM</td><td>milligram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr><tr><td>MTR</td><td>metre</td></tr></table>	Code/Description	GRM	gram	KGM	kilogram	LTR	litre	MGM	milligram	MLT	millilitre	MMT	millimetre	MTR	metre
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MGM	milligram																	
MLT	millilitre																	
MMT	millimetre																	
MTR	metre																	
T0133	DESPATCHED AMOUNT	0..1	Comment: This class can be used for variable measure items ordered per piece, but sold per weight/volume to specify the despatched amount. When this class is used, all attributes in the class must be specified.															
	Despatched amount, value	1..1	Definition: <b>The amount despatched when the despatched quantity was ordered in pieces.</b> Comment: The attribute is used to specify the exact weight/volume for variable measure items ordered per piece, but sold per weight/volume.															

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\* Changed attribute, + new attribute. For a detailed change history see separate document.



### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
T0135	Dimension for amount	1..1	Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
			Definition: <b>The dimension in which the amount is expressed.</b> Comment: The attribute indicates whether the despatched amount is a weight or volume. The attribute is used for variable measure items.
			Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3 Code/Description <b>AAC</b> Total net weight Total weight of goods excluding packaging. <b>ABJ</b> Volume The amount of air space taken up by the entity identified in the 6311 qualifier.
T0134	Unit of measurement for amount	1..1	Definition: <b>Measurement unit, code</b>  <b>Unit in which the associated amount is expressed.</b>
			Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3 Code/Description <b>GRM</b> gram <b>MLT</b> millilitre <b>MMT</b> millimetre
T0132	Batch number	0..1	Comment: This class can be used to specify information about the batch number, serial number or best before date of the item.
			Definition: <b>The identity of the production batch, that can be related to the point of time for the production.</b> Comment: Synonym: Lot The batch number can be used together with the identity of the item (GTIN) for tracing and recalling a delivered item from a specific production batch.
			Comment: Batch number and GTIN can be represented on the package as a barcode either as GS1 DataMatrix or GS1-128. Medical equipment and pharmaceuticals are examples of items that may be needed to be traced and recalled by the supplier. To facilitate traceability Batch number should not be repeated for one and the same item. If there are several batches of the same item these should be divided into several lines in the despatch advice.
T3236	Serial number	0..unbounded	Format: An alphanumeric string including up to 20 characters. Length: 1 .. 20
			Definition: <b>Serial or individual number.</b> Comment: By combining the serial number with the item's GTIN, a globally unique individual number (called serialized GTIN or SGTIN) is created.
			The attribute is used when the buyer needs to separate specific individuals of an item, for example a

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			specific heart catheter, wheel chair or blood bag. The need is sometimes connected to a maintenance agreement of the trade item.
			Format: An alphanumeric string including up to 20 characters. Length: 1 .. 20
	<b>BEST BEFORE DATE AND EXPIRY DATE</b>	0..1	Comment: This class can be used to specify information about the best before date or the expiry date of the item. The information can be used to simplify the internal handling and stock-keeping. Best before date and expiry date should not be repeated for the same item. If there are several dates for the same item these should be separated into several lines in the despatch advice. Only one of the following attributes may be used.
T3276	Best before date	0..1	Definition: <b>The manufacturer guarantees that the product retains the characteristics it is normally associated with until this date.</b> Format: CCYYMMDD Length: 8
T1349	Expiry date	0..1	Definition: <b>Expiry date of the trade item is the date after which it may not be used.</b> Format: CCYYMMDD Length: 8
	<b>ORDER REFERENCE</b>	0..1	Comment: The class must be used if the despatch advice line refers to an advised item being called-off according to "BDS 6.1.3 Call-off". The class is not used if the dispatch advice line refers to an advised returnable asset that has been added without being ordered.
T0047	Reference to call-off	1..1	Definition: <b>The identity of the call-off that this business document refers to.</b> Comment: Refers to the buyer's call-off number. Comment: Use the same reference "T0047 Reference to call-off" as in the Despatch advice header, if nothing else has been agreed. Format: An alphanumeric string including up to 30 characters. Length: 1 .. 30
T0088	Reference to call-off line	1..1	Definition: <b>Reference to the line number of the call-off line that this line in the business document refers to.</b> Format: An integer including up to six digits. Maximum Total Digits: 6 Maximum Decimal Digits: 0
	<b>CHANGES FOR ADVISED ITEM</b>	0..1	Comment: The class is used for informing about quantity changes compared to what the supplier previously may have confirmed.
T0211	Change reason, code	0..1	Definition: <b>Code indicating the reason for change of an ordered item.</b> Comment: Code list is available at <a href="http://www.gs1.se/codelists">www.gs1.se/codelists</a> , see code list T0211.
	<b>BACKORDERED QUANTITY</b>	0..1	Comment: The class is used if the whole or parts of the delivery is backordered. A backorder is normally done earlier than when sending the despatch advice, by sending a call-off confirmation. When delivering pharmaceuticals there is an agreement about sending a despatch advice with information about the backordered items, at the delivery point of time. In these cases, a backordered item will always be delivered in a separate delivery and will be notified by a despatch advice for that delivery.

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# Business Document Specification

## Despatch advice 6.3.2

Issue date: 2016-06-29

Version: 2.9.1

Related message specification: MS 44

GS1 Sweden ESAP

### Elements and structure

Entity id	Element name	Cardinality	Element specification	
T0059	Backordered quantity, value	1..1	Definition: Comment: Format:	<b>A quantity listed as backordered, and which will be delivered at a later time.</b> The attribute may only be used if backordering is allowed according to agreement. Shortfall is stated as a negative quantity. A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
	<b>DEVIATING QUANTITY</b>	0..1	Comment:	The class is used if the whole or parts of the delivery deviates in quantity compared to the order.
T0058	Deviating quantity, value	1..1	Definition: Comment: Format:	<b>Quantity that differs from the ordered quantity.</b> No further actions are made for deviating quantities, that is, no items are backordered. If the buyer wants to have this item delivered, then a new order/call-off must be sent to the supplier. Shortfall is stated as a negative quantity. A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
	<b>CONTROL TOTAL</b>	0..1		
T0042	Control total, quantities	0..1	Definition: Comment: Format:	<b>Hash total of all quantites in the business message.</b> The sum of quantities in "T0131 Despatched quantity, value". A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0043	Control total, lines	0..1	Definition: Comment: Format:	<b>Number of lines in the business message.</b> Number of lines (LIN segments) in the message. An integer including up to six digits. Maximum Total Digits: 6 Maximum Decimal Digits: 0

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