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# **NEHTA Standard Message Implementation Guidelines for Health eProcurement**

## **Part 2: GS1 XML Order Response Messages**

Version 1.5 - 8/06/2010

Final

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# Version Control

Version	Nature of Change/Comments
1.5	<p>NEHTA Standard Message Implementation Guidelines for Health e-Procurement updated to support Version 2.6 of the GS1 XML standards.</p> <p>Version 1 of the NEHTA Standard Message Implementation Guidelines based on Version 2.4 of the GS1 XML standards.</p> <p>Principal version 1.5 changes:</p> <ul style="list-style-type: none"> <li>▪ new element <b>allowanceCharge</b> (refer Allowances and Charges);</li> <li>▪ new element <b>shipmentDetail</b> (refer Split Delivery Details);</li> <li>▪ new element <b>totalMonetaryAmountOfOrderExcludingTaxes</b> (refer Total Amount);</li> <li>▪ new element <b>totalTax</b> (refer Total GST);</li> <li>▪ new element <b>taxRate</b> (refer Tax Rate);</li> <li>▪ new codes added to allowanceChargeType: <ul style="list-style-type: none"> <li>WAREHOUSE_AMOUNT</li> <li>ULLAGE_AMOUNT</li> <li>QUANTITY_DISCOUNT</li> <li>TRADE_DISCOUNT</li> <li>VOLUME_DISCOUNT</li> <li>EARLY_PAYMENT</li> <li>PALLET_CHARGE</li> <li>FUEL_CHARGE</li> <li>SPECIAL_HANDLING</li> <li>SORTING</li> </ul> </li> <li>▪ add Backorder information</li> </ul>

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# 1 Introduction

This document describes the elements of the GS1 XML Purchase Order Response message (version 2.6) that will be used by Health Jurisdictions and is intended for technical staff that has the responsibility of implementing these messages in their local systems. This information will assist technical staff to correctly populate the Purchase Order Response message.

It is presumed that readers have an understanding of XML and an overview of the messages defined in AS5023 and GS1 XML.

The GS1 XML data elements in this document are limited to those which have an equivalent in, or are related to, the AS5023 standard for Health Supply Chain Messaging.

The GS1 XML path root is 'orderResponse' and all XML paths will assume this starting point unless otherwise stated.

The cardinality listed is the cardinality of the actual element or attribute at the lowest level. Higher level elements need to be taken into consideration in determining whether the element is required in a particular circumstance.

Note also that the constraints are based on technical rules. Business rules may impose additional constraints.

## 1.1 Format - Data Sections

In the following section the table cells are colour coded as follows

AS5023 related information is yellow
Basic GS1 XML information is green
Constraint information is blue
Co-requisite and optional elements are unshaded

The table headings are:

- **AS5023 Reference** – This provides a link to the specific data element in the AS5023.2-2003 document.
  - **Section:** This will be one of 'Header', 'Detail', or 'End of Message' as per the headings of the major tables for each data set in the AS5023 document.
  - **Group:** The title in the first column of the AS5023 table.
  - **Element:** The Element name as given in the third column of the AS5023 table.
- **Description/Comment** – This is a transcription of parts of the Description and Comments columns from the AS5023 table where they help clarify the intent of the data element.
- **GS1 XML path** – Is pseudo XPath that will assist in locating the element within the XML tree. Prefixes etc. are specifically excluded for the sake of simplification.
- **Basic Type** – 'Attribute', 'Element', or 'Complex Type'. If it is a Complex Type, then typically there will be a subsection

following that identifies the Attributes and Elements of that Complex Type.

- **Comments** – Other information that will assist in the population of the data element, in some cases, the source of these comments comes from NEHTA documents.
- **Schema Constraints** – Any restrictions on the use of the data element, sometimes these constraints are inherent within the schema. Sometimes they are external rules imposed by GS1 or NEHTA standards.
  - **Mandatory** An item can be mandatory based on external GS1 or NEHTA rules in addition to the schema rules.
  - **Data Type** Where possible, this is the simple XML data type. In some cases, it is the Complex Type with further details of the component attributes and elements provided in other sections of the document.
  - **Cardinality** The cardinality of the specific element. Note that the cardinality of parent elements also influences how the element is used.
  - **Other constraints** are listed following the Cardinality restraint. For example, the allowable values of a list element.
- **Co-requisites** – This is other elements and attributes which shall be used if this element is used. The data type is listed after the name of the element/attribute.
- **Optional Elements** – Other data elements and attributes which MAY be used if this element is used. The data type is listed after the name of the element/attribute.

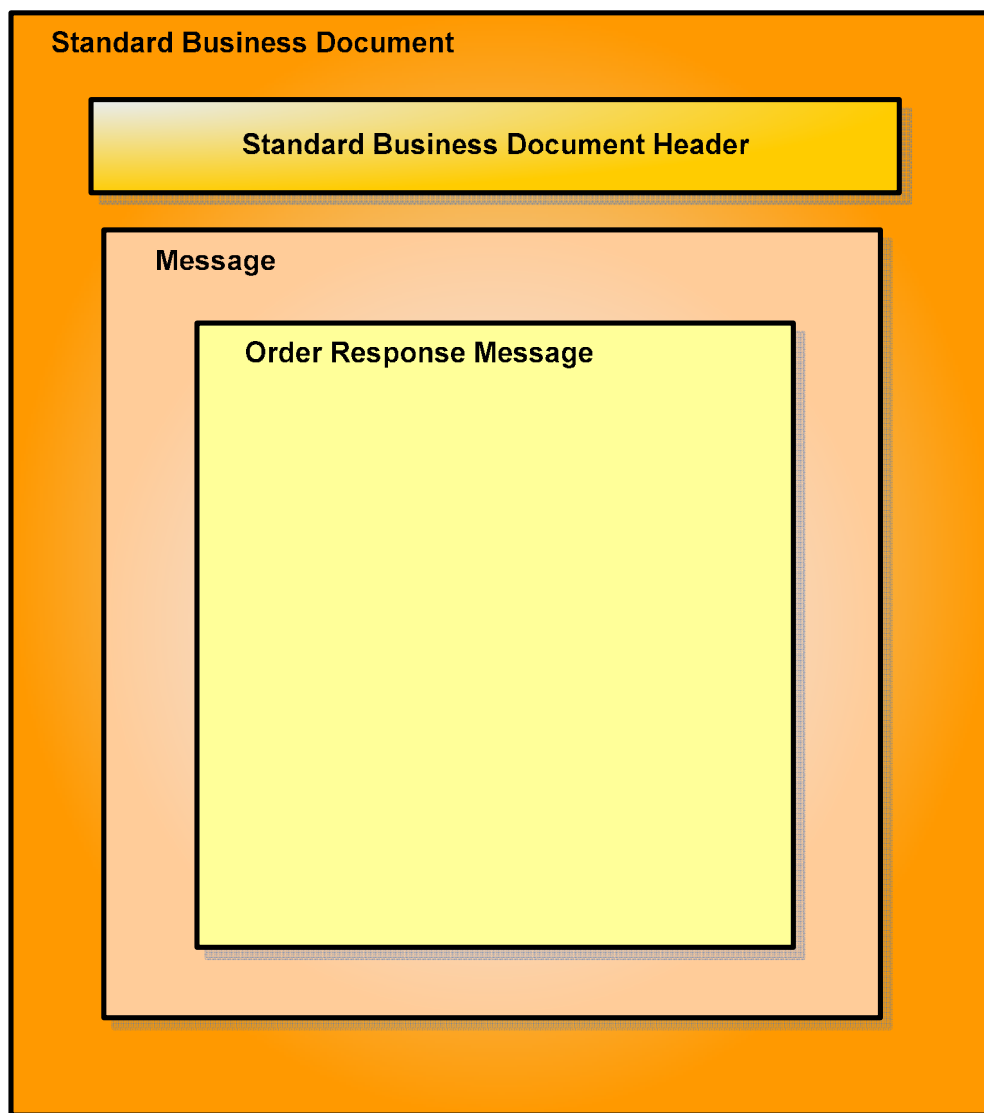
When related elements are referred to, particularly in the Co-requisites and Optional Elements sections, a functional bias has been taken in deciding which elements to include or exclude. For example, the co-requisites for *documentStatus* included *contentVersion*, *orderHeaderIndicator*, etc. as they all define control information about the document.

## 1.2 XML Document Structure and Layers

The Order Response Message elements shall be wrapped in the Message Layer element: *message*. In turn, the Message Layer elements shall be wrapped in the UN/CEFACT Standard Business Document. Details of these elements are given Header Elements section. AS5023 information is not relevant to the Header or Message Layer elements.

The following diagram shows the relationship between the Header elements, Message Layer elements, and the Order Response Message elements.





### 1.3 Global Trade Item Numbers – GTINs

Global Trade Item Numbers are used extensively to identify items. This field shall contain a 14 digit number, so a 'filler 0' shall be added to the front of the number if they are 8, 12, or 13 digit GTINs. For example, 9312345678901 will become 09312345678901. This does not change the number at all, it is simply a non-significant digit added so this will pass schema validation.

### 1.4 Reference documents

The information in this document is based the documents identified in the Reference Section.

## 2 Header Elements

In this section, the GS1 XML path root is:

StandardBusinessDocument

(XPath: StandardBusinessDocument)

All XML paths will assume this starting point unless otherwise stated.

The Standard Business Document Header schema is specified by UN/CEFACT, and used by GS1 to envelope the business documents such as the Multi Shipment Order. GS1 has specified additional constraints to those in the UN/CEFACT schema when being used in the GS1 XML context. NEHTA has further specified additional constraints to both of these for use in Health Sector Supply Chain messaging.

### 2.1 Header Version

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→HeaderVersion		
Basic Type	Element		
Comments	This is the version number of the SBDH standard.		
Schema Constraints	Mandatory: Yes – GS1 constraint.		
	Data Type: String		
	Cardinality: 1..1		
	Shall be set to '1.0'		
Co-requisites	StandardBusinessDocumentHeader→Sender ( <i>Partner</i> ) StandardBusinessDocumentHeader→Receiver ( <i>Partner</i> ) StandardBusinessDocumentHeader→DocumentIdentification ( <i>DocumentIdentification</i> ) StandardBusinessDocumentHeader→BusinessScope ( <i>BusinessScope</i> )		
Optional Elements			

## 2.2 Sender

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→Sender→Identifier		
Basic Type	Element		
Comments	GS1 places additional constraints on the original UN/CEFACT schema definition.		
Schema Constraints	Mandatory: Yes		
	Data Type: Global Location Number		
	Cardinality: 1..*		
	Only <u>one</u> Sender element can be used even though the schema allows for multiple elements. The Sender Identifier <u>Shall</u> be the GLN of the sending organisation.		
Co-requisites	(Relative to StandardBusinessDocumentHeader→Sender) →Identifier→Authority ( <i>Attribute - string</i> ) →ContactInformation→Contact ( <i>string</i> ) →ContactInformation→EmailAddress ( <i>string</i> ) →ContactInformation→FaxNumber ( <i>string</i> ) →ContactInformation→TelephoneNumber ( <i>string</i> )		
Optional Elements	(Relative to StandardBusinessDocumentHeader→Sender) →ContactInformation→ContactTypeIdentifier ( <i>string</i> )		

## 2.3 Authority

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→Sender→Identifier→Authority		
Basic Type	Attribute		

<i>Comments</i>	This attribute shall be used according to GS1 standards.
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
	Must be set to 'EAN.UCC'
<i>Co-requisites</i>	None
<i>Optional Elements</i>	None

## 2.4 Sender Name

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Sender→ContactInformation→Contact		
<i>Basic Type</i>	Element		
<i>Comments</i>	This element is conditionally required if ContactInformation is used as per UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 0..1		
	Department and/or job title of technical contact in the sending organisation that is able to address issues concerning message delivery. Shall not contain Personally Identifiable Information (PII).		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →EmailAddress ( <i>string</i> ) →FaxNumber ( <i>string</i> ) →TelephoneNumber ( <i>string</i> )		
<i>Optional Elements</i>	→ContactTypeIdentifier ( <i>string</i> )		

## 2.5 Sender Email Address

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Sender→ContactInformation→EmailAddress		
<i>Basic Type</i>	Element		
<i>Comments</i>	Optional in UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 0..1		
	Email address of technical contact in the sending organisation that is able to address issues concerning message delivery. Shall not contain Personally Identifiable Information (PII).		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →Contact ( <i>string</i> ) →FaxNumber ( <i>string</i> ) →TelephoneNumber ( <i>string</i> )		
<i>Optional Elements</i>	→ContactTypeIdentifier ( <i>string</i> )		

## 2.6 Sender Fax Number

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Sender→ContactInformation→FaxNumber		
<i>Basic Type</i>	Element		
<i>Comments</i>	Optional in UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		

	Cardinality: 0..1
	Fax number of technical contact in the sending organisation that is able to address issues concerning message delivery.
Co-requisites	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →Contact (string) →EmailAddress (string) →TelephoneNumber (string)
Optional Elements	→ContactTypeIdentifier (string)

## 2.7 Sender Phone Number

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→Sender→ContactInformation→TelephoneNumber		
Basic Type	Element		
Comments	Optional in UN/CEFACT schema definition.		
Schema Constraints	Mandatory: No		
	Data Type: string		
	Cardinality: 0..1		
	Phone number of technical contact in the sending organisation who is able to address issues concerning message delivery.		
Co-requisites	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →Contact (string) →EmailAddress (string) →FaxNumber (string)		
Optional Elements	→ContactTypeIdentifier (string)		

## 2.8 Receiver

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Receiver→Identifier		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> Global Location Number		
	<i>Cardinality:</i> 1..*		
	Only <u>one</u> Receiver element can be used even though the schema allows for multiple elements. The Receiver Identifier <u>shall</u> be the GLN of the sending organisation.		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Receiver) →Identifier→Authority ( <i>Attribute - string</i> ) →ContactInformation→Contact ( <i>string</i> ) →ContactInformation→EmailAddress ( <i>string</i> ) →ContactInformation→FaxNumber ( <i>string</i> ) →ContactInformation→TelephoneNumber ( <i>string</i> )		
<i>Optional Elements</i>	(Relative to StandardBusinessDocumentHeader→Receiver) →ContactInformation→ContactTypeIdentifier ( <i>string</i> )		

## 2.9 Authority

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Receiver→Identifier→Authority		
<i>Basic Type</i>	Attribute		

<i>Comments</i>	This attribute shall be used according to GS1 standards.
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
	Shall be set to 'EAN.UCC'
<i>Co-requisites</i>	None
<i>Optional Elements</i>	None

## 2.10 Receiver Name

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Receiver→ContactInformation→Contact		
<i>Basic Type</i>	Element		
<i>Comments</i>	This element is conditionally required if ContactInformation is used as per UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 0..1		
	Department and/or job title of technical contact in the receiving organisation that is able to address issues concerning message delivery. Shall not contain Personally Identifiable Information (PII).		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →EmailAddress ( <i>string</i> ) →FaxNumber ( <i>string</i> ) →TelephoneNumber ( <i>string</i> )		
<i>Optional Elements</i>	→ContactTypeIdentifier ( <i>string</i> )		



## 2.11 Receiver Email Address

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→Receiver→ContactInformation→EmailAddress		
Basic Type	Element		
Comments	Optional in UN/CEFACT schema definition.		
Schema Constraints	Mandatory: No		
	Data Type: string		
	Cardinality: 0..1		
	Email address of technical contact in the receiving organisation that is able to address issues concerning message delivery. Shall not contain Personally Identifiable Information (PII).		
Co-requisites	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →Contact ( <i>string</i> ) →FaxNumber ( <i>string</i> ) →TelephoneNumber ( <i>string</i> )		
Optional Elements	→ContactTypeIdentifier ( <i>string</i> )		

## 2.12 Receiver Fax Number

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→Receiver→ContactInformation→FaxNumber		
Basic Type	Element		
Comments	Optional in UN/CEFACT schema definition.		
Schema Constraints	Mandatory: No		
	Data Type: string		

	Cardinality: 0..1
	Fax number of technical contact in the receiving organisation that is able to address issues concerning message delivery.
Co-requisites	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →Contact (string) →EmailAddress (string) →TelephoneNumber (string)
Optional Elements	→ContactTypeIdentifier (string)

## 2.13 Receiver Phone Number

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→Receiver→ContactInformation→TelephoneNumber		
Basic Type	Element		
Comments	Optional in UN/CEFACT schema definition.		
Schema Constraints	Mandatory: No		
	Data Type: string		
	Cardinality: 0..1		
	Phone number of technical contact in the receiving organisation who is able to address issues concerning message delivery.		
Co-requisites	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →Contact (string) →EmailAddress (string) →FaxNumber (string)		
Optional Elements	→ContactTypeIdentifier (string)		

## 2.14 Message Document Identification

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→DocumentIdentification→InstanceIdentifier		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> String		
	<i>Cardinality:</i> 0..1		
	This element shall uniquely identify the instance of the Standard Business Document. That is, no two transmissions will have the same identifier regardless of the type of business document contained, or if a specific business document is transmitted multiple times. This element is used to identify the whole message being transmitted, not the business document contained within the message.		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard ( <i>string</i> ) →TypeVersion ( <i>string</i> ) →Type ( <i>string</i> ) →MultipleType ( <i>boolean</i> ) →CreationDateAndTime ( <i>dateTime</i> )		
<i>Optional Elements</i>	None		

## 2.15 Message Document Standard

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→DocumentIdentification→Standard		

<i>Basic Type</i>	Element
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
	Shall be set to 'EAN.UCC'
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →TypeVersion ( <i>string</i> ) →InstanceIdentifier ( <i>string</i> ) →Type ( <i>string</i> ) →MultipleType ( <i>boolean</i> ) →CreationDateAndTime ( <i>dateTime</i> )
<i>Optional Elements</i>	None

## 2.16 Message Document Type Version

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→DocumentIdentification→TypeVersion		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Shall be set to the version number of the orderResponse schema e.g. '2.6'		

<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard ( <i>string</i> ) →InstanceIdentifier ( <i>string</i> ) →Type ( <i>string</i> ) →MultipleType ( <i>boolean</i> ) →CreationDateAndTime ( <i>dateTime</i> )
<i>Optional Elements</i>	None

## 2.17 Message Document Type

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→DocumentIdentification→Type		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Shall be set to 'orderResponse'. (The name of the root element in the payload document.)		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard ( <i>string</i> ) →TypeVersion ( <i>string</i> ) →InstanceIdentifier ( <i>string</i> ) →MultipleType ( <i>boolean</i> ) →CreationDateAndTime ( <i>dateTime</i> )		
<i>Optional Elements</i>	None		

## 2.18 Message Document Multiple Types Included

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→DocumentIdentification→MultipleType		
Basic Type	Element		
Comments	GS1 places additional constraints on the original UN/CEFACT schema definition.		
Schema Constraints	Mandatory: Yes		
	Data Type: Boolean		
	Cardinality: 1..1		
	Shall be set to 'false'. (NEHTA standard – only one business document can be sent per transmission.)		
Co-requisites	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard (string) →TypeVersion (string) →InstanceIdentifier (string) →Type (string) →CreationDateAndTime (dateTime)		
Optional Elements	None		

## 2.19 Message Document Creation Date

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→DocumentIdentification→CreationDateAndTime		
Basic Type	Element		
Comments	GS1 places additional constraints on the original UN/CEFACT schema definition.		

<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> dateTime
	<i>Cardinality:</i> 1..1
	Shall be set to the date and time that the source Purchase Order Response was approved/verified in the original system.
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard <i>(string)</i> →TypeVersion <i>(string)</i> →InstanceIdentifier <i>(string)</i> →Type <i>(string)</i> →MultipleType <i>(boolean)</i>
<i>Optional Elements</i>	None

## 2.20 Business Scope Type

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→Type		
<i>Basic Type</i>	Element		
<i>Comments</i>	NEHTA standards mandate the use of this element although it is optional in the UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> String		
	<i>Cardinality:</i> 1..1		
	Shall be set to 'NEHTA:E-Procurement'		
<i>Co-requisites</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→InstanceIdentifier		
<i>Optional Elements</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→Identifier		

## 2.21 Business Scope Identifier

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→InstanceIdentifier		
<i>Basic Type</i>	Element		
<i>Comments</i>	NEHTA standards mandate the use of this element although it is optional in the UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> String		
	<i>Cardinality:</i> 1..1		
	Shall be set to '1.5' which is the current version of this guideline.		
<i>Co-requisites</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→Type		
<i>Optional Elements</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→Identifier		

## 2.22 <any>

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	<any>		
<i>Basic Type</i>			
<i>Comments</i>	This is the place holder for the GS1 XML constructs. It shall be replaced by the 'message' element from the Message Layer group of schema.		
<i>Schema Constraints</i>	<i>Mandatory:</i>		
	<i>Data Type:</i>		
	<i>Cardinality:</i>		



	Shall be replaced with ‘ <i>message</i> ’. See the Message Layer section.
<i>Co-requisites</i>	StandardBusinessDocumentHeader
<i>Optional Elements</i>	None

### 3 Message Layer Elements

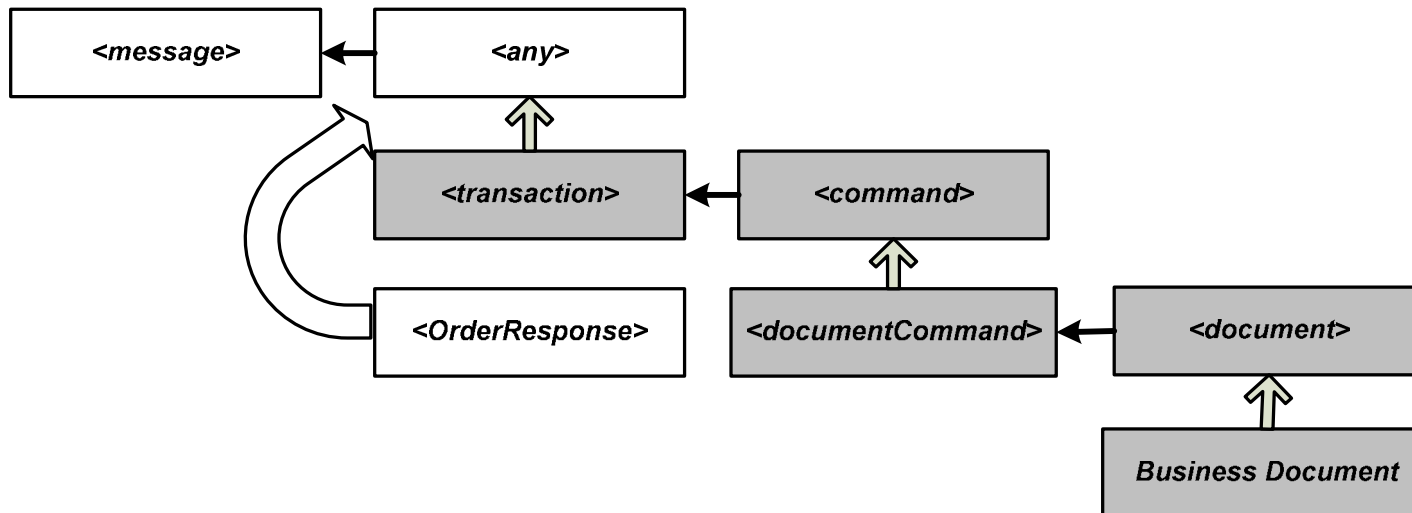
In this section, the GS1 XML path root is:

StandardBusinessDocument→message

(XPath: StandardBusinessDocument / eanucc:message)

All XML paths will assume this starting point unless otherwise stated.

The Message Layer has three sub-layers. The lowest is the *documentCommand* element which wraps around the *multiShipmentOrder*. *multiShipmentOrder* replaces an abstract *document* element within the *documentCommand* element. The *documentCommand* element itself replaces an abstract *command* element in the *transaction* element. Finally, the *transaction* element replaces an *any* element in the *message* element. (Refer to [Standard Business Document Header \(SBDH\) Technical Implementation Guide](#) for further details on their usage.) In summary, the links between the layers are:



Unlike other documents, the Order Response message replaces the *any* element in the *message* element. The *transaction*, *command*, and *document* elements are not used.

## 3.1 Message

### 3.1.1 Message: <any>

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	<any>		
Basic Type	XML type 'any'		
Comments	This is the place holder for the 'orderResponse' element.		
Schema Constraints	Mandatory: Yes		
	Data Type: any		
	Cardinality: 1..1 (NEHTA requirement)		
	Cardinality as defined in the GS1 XML standard is 1..*		
Co-requisites	entityIdentification ( <i>EntityIdentificationType</i> )		
Optional Elements	None		

### 3.1.2 Message: Identifier

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	entityIdentification→uniqueCreatorIdentification		
Basic Type	Element		
Comments	SHALL be set to the POR Number as per the <i>uniqueCreatorIdentification</i> element in the <i>responseIdentification</i> element. This is to allow messaging hubs etc. easy access to the POR number without having to decode the entire XML document. It is redundant information and is not required for processing by either the buyer or the seller. (Note: a prefix such as 'MSG' is one way to ensure it is distinct.)		
Schema Constraints	Mandatory: Yes		

	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	(Relative to entityIdentification→contentOwner) →gln ( <i>Global Location Number</i> )
<i>Optional Elements</i>	(Relative to entityIdentification→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> )

### 3.1.3 Message: Owner

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	entityIdentification→contentOwner→gln		
<i>Basic Type</i>			
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> Global Location Number		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	entityIdentification→uniqueCreatorIdentification ( <i>Global Location Number</i> )		
<i>Optional Elements</i>	(Relative to entityIdentification→contentOwner) entityIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) entityIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> )		

## 4 Business Document Layer Message Elements

This layer covers the Order Response message.

In this section, the GS1 XML path root is:

StandardBusinessDocument→message→orderResponse

(XPath: sh:StandardBusinessDocument / eanucc:message / order:orderResponse)

All XML paths will assume this starting point unless otherwise stated.

This section lists additional fields that are not explicitly mentioned in the AS5023 specification, but are related to those that are and do provide support for the AS5023 requirements, or are specified as mandatory by GS1.

### 4.1 Message Function

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> Message Function
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	responseStatusType		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> List		
	<i>Cardinality:</i> 1..1		
	Allowable values: ACCEPTED    MODIFIED    REJECTED		

<i>Co-requisites</i>	creationDateTime ( <i>Attribute dateTime</i> ) documentStatus ( <i>DocumentStatusListType</i> ) responseIdentification ( <i>EntityIdentificationType</i> ) responseToOriginalDocument ( <i>ReferenceDocumentType</i> ) buyer ( <i>PartyIdentificationType</i> ) seller ( <i>PartyIdentificationType</i> )
<i>Optional Elements</i>	lastUpdate ( <i>date</i> ) contentVersion ( <i>VersionType</i> ) documentStructureVersion ( <i>VersionType</i> ) orderModification ( <i>OrderModificationType</i> ) orderResponseReasonCode ( <i>ErrorOrWarningListType</i> )

## 4.2 Document Status

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Related to Message Function - Required by GS1		
<i>GS1 XML Path</i>	documentStatus		
<i>Basic Type</i>	Attribute		
<i>Comments</i>	NEHTA standards mandate the use of this element although it is optional in the UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> list		
	<i>Cardinality:</i> 0..1		
	Allowable Values are: COPY      ORIGINAL      REPLACE		

<i>Co-requisites</i>	creationDateTime ( <i>Attribute dateTime</i> ) responseStatusType ( <i>ResponseStatusListType</i> ) responseIdentification ( <i>EntityIdentificationType</i> ) responseToOriginalDocument ( <i>ReferenceDocumentType</i> ) buyer ( <i>PartyIdentificationType</i> ) seller ( <i>PartyIdentificationType</i> ) totalMonetaryAmountOfOrderExcludingTaxes ( <i>AmountType</i> ) totalTax ( <i>AmountType</i> )
<i>Optional Elements</i>	lastUpdate ( <i>date</i> ) contentVersion ( <i>VersionType</i> ) documentStructureVersion ( <i>VersionType</i> ) orderModification ( <i>OrderModificationType</i> ) orderResponseReasonCode ( <i>ErrorOrWarningListType</i> )

### 4.3 Order Response Number

<i>AS5023 Reference</i>	<i>Section: Header</i>	<i>Group: Opening</i>	<i>Element: Order Response Number</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	responseIdentification→uniqueCreatorIdentification		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory: Yes</i>		
	<i>Data Type: String</i>		
	<i>Cardinality: 1..1</i>		

<i>Co-requisites</i>	responseIdentification→contentOwner→gln ( <i>Global Location Number</i> ) responseToOriginalDocument→referenceDocumentType ( <i>integer</i> ) responseToOriginalDocument→referenceIdentification ( <i>string</i> )
<i>Optional Elements</i>	responseToOriginalDocument→referenceDateTime ( <i>dateTime</i> ) (Relative to responseIdentification→contentOwner→additionalPartyIdentification) →additionalPartyIdentificationValue ( <i>string</i> ) →additionalPartyIdentificationType ( <i>list</i> )

### 4.3.1 Order Response Owner

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Related to Order Response Number - Required by GS1		
<i>GS1 XML Path</i>	responseIdentification→contentOwner→gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> Global Location Number		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	responseIdentification→uniqueCreatorIdentification ( <i>string</i> )		
<i>Optional Elements</i>	(Relative to responseIdentification→contentOwner→additionalPartyIdentification) →additionalPartyIdentificationValue ( <i>string</i> ) →additionalPartyIdentificationType ( <i>AdditionalPartyIdentificationListType</i> )		

## 4.4 Order Response Date

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> Order response date/time
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<i>Description/Comments</i>	Time is optional
<i>GS1 XML Path</i>	creationDateTime
<i>Basic Type</i>	Attribute
<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> datetime
	<i>Cardinality:</i> 1..1
	Time is not optional in the XML data type; however it can be all zeros.
<i>Co-requisites</i>	documentStatus ( <i>Attribute DocumentStatusListType</i> ) responseIdentification ( <i>EntityIdentificationType</i> ) responseToOriginalDocument ( <i>ReferenceDocumentType</i> ) responseStatusType ( <i>Attribute</i> ) buyer ( <i>PartyIdentificationType</i> ) seller ( <i>PartyIdentificationType</i> )
<i>Optional Elements</i>	lastUpdate ( <i>Attribute Date</i> ) contentVersion ( <i>VersionType</i> ) documentStructureVersion ( <i>VersionType</i> ) orderModification ( <i>OrderModificationType</i> ) orderResponseReasonCode ( <i>ErrorOrWarningListType</i> ) totalMonetaryAmountOfOrderExcludingTaxes ( <i>AmountType</i> ) totalTax ( <i>AmountType</i> )

## 4.5 Reason Code (Header)

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> Order Response Reason Code
<i>Description/Comments</i>	Free text field to give additional explanation of changes.		
<i>GS1 XML Path</i>	orderResponse→orderResponseReasonCode		

<i>Basic Type</i>	Element
<i>Comments</i>	Unlike the AS5023 requirement for free text, this is a set of reason codes. This field is also available at the line level.
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> list
	<i>Cardinality:</i> 0..*

<p>Allowable values are:</p> <p>APPLICATION_ROUTING_ERROR</p> <p>BUSINESS_SCOPE_BLOCK</p> <p>CODE_NOT_MAPPED_TO_APPLICATION</p> <p>CUSTOMER_IDENTIFICATION_NUMBER_AND_ENTITY_NAME_DO_NOT_MATCH</p> <p>CUSTOMER_IDENTIFICATION_NUMBER_DOES_NOT_EXIST</p> <p>CUSTOMER_IDENTIFICATION_NUMBER_IS_INVALID</p> <p>CUSTOMER_IDENTIFICATION_NUMBER_IS_MISSING</p> <p>DELIVERY_SLOT_MISSED</p> <p>DELIVERY_SLOT_NOT_VALID_FOR_LOCATION</p> <p>DISCONTINUED_LINE</p> <p>DOCUMENT_ENCLOSED_IN_THE_FIRST_TRANSMISSION</p> <p>DOCUMENT_ENCLOSED_IN_THE_SECOND_TRANSMISSION</p> <p>DOCUMENT_NOT_ATTACHED</p> <p>DOCUMENT_NOT_AVAILABLE</p> <p>DOCUMENT_NOT_REQUIRED_WAIVER_ISSUED</p> <p>DUPLICATE</p> <p>GAP_IN_TIME_PERIOD</p> <p>INCOMPLETE_MESSAGE</p> <p>INCORRECT_DATE</p> <p>INSTANCE_IDENTIFIER</p> <p>INVALID_BUSINESS_PROCESS_CURRENT_STATUS_CODE</p> <p>INVALID_BUYER_EVENT_IDENTIFICATION</p> <p>INVALID_BUYER_IDENTIFICATION</p> <p>INVALID_BUYER_LOCATION_GROUP_IDENTIFICATION</p> <p>INVALID_BUYER_LOCATION_IDENTIFICATION</p> <p>INVALID_DATE</p> <p>INVALID_PRODUCT_BUYER_GROUP_IDENTIFICATION</p> <p>INVALID_PRODUCT_OR_ITEM_IDENTIFICATION</p> <p>INVALID_PRODUCT_SELLER_GROUP_IDENTIFICATION</p> <p>INVALID_SELLER_EVENT_IDENTIFICATION</p> <p>INVALID_SELLER_IDENTIFICATION</p> <p>INVALID_SELLER_LOCATION_GROUP_IDENTIFICATION</p>	<p>INVALID_SELLER_LOCATION_IDENTIFICATION</p> <p>INVALID_STATUS_TRANSITION</p> <p>INVALID_TIME_PERIOD</p> <p>ITEM_MARKED_FOR_DELETE</p> <p>ITEM_NOT_AUTHORIZED</p> <p>ITEM_TEMPORARILY_NOT_AVAILABLE</p> <p>MANIFEST_BLOCK</p> <p>MESSAGE_UNDER_DEVELOPMENT</p> <p>MISSING_CODE_FOR_APPLICATION</p> <p>MISSING_DATA</p> <p>MISSING_EFFECTIVE_MESSAGE_DATE</p> <p>MISSING_IDENTIFICATION_CODE</p> <p>MISSING_MESSAGE_REFERENCE_NUMBER</p> <p>MISSING_OR_INVALID_DUNS_NUMBER</p> <p>MISSING_OR_INVALID_LOCATION</p> <p>MISSING_OR_INVALID_MESSAGE_CODE</p> <p>MISSING_OR_INVALID_SCAC</p> <p>MISSING_OR_INVALID_UPC_CODE</p> <p>OTHER_UNLISTED_REASON</p> <p>OVERLAPPING_TIME_PERIOD</p> <p>PARTICIPATING_LOCATION</p> <p>PARTICIPATION_PERCENT</p> <p>PRODUCT_NOT_VALID_FOR_LOCATION</p> <p>PRODUCT_OUT_OF_STOCK</p> <p>RECEIVED_AFTER_CUTOFF_DATE_OR_TIME</p> <p>SENDER_NOT_AUTHORIZED_FOR_THIS_MESSAGE</p> <p>STANDARD_STANDARD_BUSINESS_DOCUMENT_STANDARD_TYPE</p> <p>TO_ARRIVE_BY_SEPARATE_XML_MESSAGE</p> <p>TYPE</p> <p>TYPE_VERSION</p> <p>UNAUTHORIZED_BUSINESS_PROCESS_STATE</p> <p>UNAUTHORIZED_BUSINESS_SERVICE_ACTION_CODE</p>
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<i>Co-requisites</i>	lastUpdate ( <i>Attribute Date</i> ) creationDateTime ( <i>Attribute dateTime</i> ) documentStatus ( <i>Attribute DocumentStatusListType</i> ) responseIdentification ( <i>EntityIdentificationType</i> ) responseToOriginalDocument ( <i>ReferenceDocumentType</i> ) responseStatusType ( <i>Attribute, List</i> ) buyer ( <i>PartyIdentificationType</i> ) seller ( <i>PartyIdentificationType</i> ) totalMonetaryAmountOfOrderExcludingTaxes ( <i>AmountType</i> ) totalTax ( <i>AmountType</i> )
<i>Optional Elements</i>	contentVersion ( <i>VersionType</i> ) documentStructureVersion ( <i>VersionType</i> ) orderModification ( <i>OrderModificationType</i> )

## 4.6 Order Number

<i>AS5023 Reference</i>	<i>Section: Header</i>	<i>Group: Opening</i>	<i>Element: Order Number</i>
<i>Description/Comments</i>	Reference to the original Purchase Order		
<i>GS1 XML Path</i>	responseToOriginalDocument→referenceIdentification		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory: Yes</i>		
	<i>Data Type: String</i>		
	<i>Cardinality: 1..1</i>		
<i>Co-requisites</i>	(Relative to responseToOriginalDocument) →referenceDocumentType ( <i>Attribute, integer</i> )		

## Optional Elements

→referenceDateTime (*Attribute, dateTime*)

## 4.7 Reference Document Type

AS5023 Reference	Section: Header	Group:	Element:
Description/Comments	Related to Order Response Number - Required by GS1		
GS1 XML Path	responseToOriginalDocument→referenceDocumentType		
Basic Type	Attribute		
Comments	refer to GS1 documentation for details on this type.		
Schema Constraints	Mandatory: Yes		
	Data Type: integer		
	Cardinality: 1..1		

	<p>Allowable values (and their meaning) are:</p> <ul style="list-style-type: none"> <li>1 (Buyer reconciliation of request for payment)</li> <li>2 (Carrier routing instruction)</li> <li>3 (Catalogue item confirmation)</li> <li>4 (Catalogue item link)</li> <li>5 (Catalogue item notification)</li> <li>6 (Catalogue item publication)</li> <li>7 (Catalogue item registration response)</li> <li>8 (Catalogue item subscription)</li> <li>9 (Configure to order)</li> <li>10 (Confirmation of settlement instructions)</li> <li>11 (Control total)</li> <li>12 (Data synchronisation data pool profile)</li> <li>13 (Data synchronisation error)</li> <li>14 (Debit credit advice)</li> <li>15 (Despatch advice)</li> <li>16 (EANUCC response)</li> <li>17 (Event)</li> <li>18 (Exception criteria)</li> <li>19 (Exception notification)</li> <li>20 (Financial institution control total)</li> <li>21 (Forecast)</li> <li>22 (Forecast bulk data)</li> <li>23 (Forecast revision)</li> <li>24 (FTL load tender response)</li> <li>25 (FTL LTL shipment status)</li> <li>26 (FTL LTL shipment status inquiry)</li> <li>27 (Full truckload freight invoice)</li> <li>28 (Full truckload load tender)</li> <li>29 (GDSN exception)</li> <li>30 (Inventory activity or inventory status)</li> <li>31 (Less than truckload freight invoice)</li> <li>32 (LTL carrier bill of lading)</li> <li>33 (Motor fuel carrier bill of lading)</li> <li>34 (Multi ship to order)</li> </ul>	<ul style="list-style-type: none"> <li>35 (Order)</li> <li>36 (Order Response)</li> <li>37 (Party confirmation)</li> <li>38 (Party document)</li> <li>39 (Party notification)</li> <li>40 (Party publication)</li> <li>41 (Party registration)</li> <li>42 (Party registration response)</li> <li>43 (Party subscription)</li> <li>44 (Performance history)</li> <li>45 (Pickup notification LTL)</li> <li>46 (Price bracket document)</li> <li>47 (Price document)</li> <li>48 (Product activity)</li> <li>49 (Product activity bulk data)</li> <li>50 (Receiving advice)</li> <li>51 (Registry catalogue item)</li> <li>52 (Replenishment proposal)</li> <li>53 (Replenishment request)</li> <li>54 (Request for catalogue item notification)</li> <li>55 (Request for party notification)</li> <li>56 (Request for payment)</li> <li>57 (Retail event)</li> <li>58 (Search request)</li> <li>59 (Search result)</li> <li>60 (Settlement)</li> <li>61 (Simple invoice)</li> <li>62 (Small package carrier freight invoice)</li> <li>63 (Small package pickup manifest)</li> <li>64 (SPC shipment status)</li> <li>65 (SPC shipment status inquiry)</li> <li>66 (Trade item document)</li> <li>67 (Trade item information request)</li> <li>68 (Trade item location profile)</li> <li>69 (Warehouse shipping order)</li> </ul>
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<i>Co-requisites</i>	(Relative to responseToOriginalDocument) →referenceIdentification ( <i>Attribute, string</i> )
<i>Optional Elements</i>	→referenceDateTime ( <i>Attribute, dateTime</i> )

## 4.8 Original PO Date

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> Order Change Number
<i>Description/Comments</i>	If the response relates to a PO Change, then both the PO number and PO Change number shall be referenced.		
<i>GS1 XML Path</i>	responseToOriginalDocument→referenceDateTime		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> dateTime		
	<i>Cardinality:</i> 0..1		
	This shall be the <i>lastUpdateDate</i> value from the related <i>multiShipmentOrder</i> message. If <i>lastUpdateDate</i> is blank, then it is the original version of the order and <i>referenceDateTime</i> shall also be blank or excluded.		
<i>Co-requisites</i>	(Relative to responseToOriginalDocument) →referenceDocumentType ( <i>Attribute, integer</i> ) →referenceIdentification ( <i>Attribute, string</i> )		
<i>Optional Elements</i>	None		

## 4.9 Amended Date and Time Value

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Reference Dates	<i>Element:</i> Amended Date/Time Value
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification		

<i>Basic Type</i>	Element
<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> Complex type
	<i>Cardinality:</i> 0..1
<i>Co-requisites</i>	None
<i>Optional Elements</i>	

#### 4.9.1 Amended Date and Time Value – Required Delivery Date

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Reference Dates	<i>Element:</i> Required Delivery Date
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→ amendedDateTimeValue→requestedDeliveryDate→date		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> Date		
	<i>Cardinality:</i> 1..1		
	The <i>requestedDeliveryDate</i> element is in a Choice group of seven elements. Each handles a different delivery date scenario.		
<i>Co-requisites</i>	None		



<i>Optional Elements</i>	(Relative to orderModification→amendedDateTimeValue) →requestedDeliveryDate→time ( <i>time</i> ) Choice Group →requestedDeliveryDateAtUltimateConsignee ( <i>LogisticalDateType</i> ) →requestedDeliveryDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRangeAtUltimateConsignee ( <i>LogisticalDateRangeType</i> )
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#### 4.9.2 Amended Date and Time Value – Latest Delivery

<i>AS5023 Reference</i>	Section: Header	Group: Reference Dates	Element: Deliver not after date
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→ amendedDateTimeValue→requestedDeliveryDateRange→latestDate		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	Mandatory: No		
	Data Type: Date		
	Cardinality: 1..1		
	The <i>requestedDeliveryDateRange</i> element is in a Choice group of seven elements. Each handles a different delivery date scenario.		
<i>Co-requisites</i>	(Relative to orderModification→amendedDateTimevalue) →requestedDeliveryDateRange→earliestDate ( <i>date</i> )		

<i>Optional Elements</i>	(Relative to orderModification→amendedDateTimevalue) →requestedDeliveryDateRange→latestTime ( <i>time</i> ) →requestedDeliveryDateRange →earliestTime ( <i>time</i> ) Choice group: →requestedDeliveryDateAtUltimateConsignee ( <i>LogisticalDateType</i> ) →requestedDeliveryDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRangeAtUltimateConsignee ( <i>LogisticalDateRangeType</i> )
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### 4.9.3 Amended Date and Time Value – Earliest Delivery

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Reference Dates	<i>Element:</i> Deliver not before date
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→ amendedDateTimeValue→requestedDeliveryDateRange →earliestDate		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> Date		
	<i>Cardinality:</i> 1..1		
	The <i>requestedDeliveryDateRange</i> element is in a Choice group of seven elements. Each handles a different delivery date scenario.		
<i>Co-requisites</i>	(Relative to orderModification→amendedDateTimevalue) →requestedDeliveryDateRange→latestDate ( <i>date</i> )		

<i>Optional Elements</i>	(Relative to orderModification→amendedDateTimeValue) →requestedDeliveryDateRange→earliestTime ( <i>time</i> ) →requestedDeliveryDateRange→lastestTime ( <i>time</i> ) Choice group: →requestedDeliveryDateAtUltimateConsignee ( <i>LogisticalDateType</i> ) →requestedDeliveryDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRangeAtUltimateConsignee ( <i>LogisticalDateRangeType</i> )
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#### 4.9.4 Amended Date and Time Value – Shipping Date

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Reference Dates	<i>Element:</i> Shipping date
<i>Description/Comments</i>	Date on which goods are to be shipped or despatched by the supplier		
<i>GS1 XML Path</i>	orderModification→amendedDateTimeValue→requestedShipDate→date		
<i>Basic Type</i>	Element		
<i>Comments</i>	This is the shipping date as requested by the supplier.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> Date		
	<i>Cardinality:</i> 1..1		
	The <i>requestedShipDate</i> element is in a Choice group of seven elements. Each handles a different delivery date scenario.		
<i>Co-requisites</i>	None		

<i>Optional Elements</i>	(Relative to orderModification→amendedDateTimeValue) →requestedShipDate→time Choice group: →requestedDeliveryDateAtUltimateConsignee ( <i>LogisticalDateType</i> ) →requestedDeliveryDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRangeAtUltimateConsignee ( <i>LogisticalDateRangeType</i> )
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#### 4.9.5 Amended Date and Time Value – Delivery Date at Ultimate Consignee

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i>	<i>Element:</i> Requested delivery date at Ultimate Consignee
<i>Description/Comments</i>	Related to Requested Delivery Date		
<i>GS1 XML Path</i>	orderModification→amendedDateTimeValue→requestedDeliveryDateAtUltimateConsignee→date		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> date		
	<i>Cardinality:</i> 1..1		
	The <i>requestedDeliveryDateAtUltimateConsignee</i> element is in a Choice group of seven elements. Each handles a different delivery date scenario.		
<i>Co-requisites</i>	None		

<i>Optional Elements</i>	(Relative to orderModification→amendedDateTimeValue) orderModification→amendedDateTimeValue→requestedDeliveryDateAtUltimateConsignee→time Choice group: →requestedDeliveryDateAtUltimateConsignee ( <i>LogisticalDateType</i> ) →requestedDeliveryDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> ) →requestedDeliveryDateRangeAtUltimateConsignee ( <i>LogisticalDateRangeType</i> )
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## 4.10 Supplier

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Party Identification	<i>Element:</i> Supplier
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	seller→gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> Global Location Number		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	creationDateTime ( <i>dateTime</i> ) documentStatus ( <i>DocumentStatusListType</i> ) responseIdentification ( <i>EntityIdentificationType</i> ) responseToOriginalDocument ( <i>ReferenceDocumentType</i> ) responseStatusType ( <i>ResponseStatusListType</i> ) buyer→gln ( <i>Global Location Number</i> )		

<i>Optional Elements</i>	seller→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) seller→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) lastUpdateDate ( <i>date</i> ) contentVersion ( <i>VersionType</i> ) documentStructureVersion ( <i>VersionType</i> ) orderModification ( <i>OrderModificationType</i> ) orderResponseReasonCode ( <i>ErrorOrWarningListType</i> )
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## 4.11 Buyer

<i>AS5023 Reference</i>	Section: Header	Group: Party Identification	Element: Buyer
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	buyer→gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	Mandatory: Yes		
	Data Type: Global Location Number		
	Cardinality: 1..1		
<i>Co-requisites</i>	creationDateTime ( <i>dateTime</i> ) documentStatus ( <i>DocumentStatusListType</i> ) responseIdentification ( <i>EntityIdentificationType</i> ) responseToOriginalDocument ( <i>ReferenceDocumentType</i> ) responseStatusType ( <i>ResponseStatusListType</i> ) seller→gln ( <i>Global Location Number</i> )		

<i>Optional Elements</i>	buyer→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) buyer→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) lastUpdateDate ( <i>date</i> ) contentVersion ( <i>VersionType</i> ) documentStructureVersion ( <i>VersionType</i> ) orderModification ( <i>OrderModificationType</i> ) orderResponseReasonCode ( <i>ErrorOrWarningListType</i> )
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## 4.12 Line Number

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Line item	<i>Element:</i> Number
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation→number		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> Non-negative Integer		
	<i>Cardinality:</i> 1		

	Cardinality of <i>orderModificationLineItemLevel</i> is 0..1
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**Co-requisites**

(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation)

→requestedQuantity→value (*float*)

→tradeItemIdentification→gtin (*Global Trade Item Number<sup>1</sup>*)

→taxRate (*float*)

<i>Optional Elements</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →shipmentTransportationInformation ( <i>ShipmentTransportationInformationType</i> ) →netPrice ( <i>MultiAmountType</i> ) →netAmount ( <i>MultiAmountType</i> ) →additionalOrderLineInstruction ( <i>LongDescriptionType</i> ) →lineItemActionCode ( <i>OrderLineItemActionCodeListType</i> ) →taxRate ( <i>float</i> )
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### 4.13 Original Line Number

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Line item	<i>Element:</i> Original order line item number
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderResponse→ orderModification→ orderModificationLineItemLevel→ originalLineItemNumber		
<i>Basic Type</i>	Attribute		
<i>Comments</i>	Line numbers do not change between the Purchase Order and the Purchase Order Response so there is no need for an additional field to record the original number as a cross reference.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> Non-negative Integer		
	<i>Cardinality:</i> 0..1		
<i>Co-requisites</i>			
<i>Optional Elements</i>			

## 4.14 Response Status Line Item

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Provides the response in the order response line item level		
<i>GS1 XML Path</i>	orderResponse→orderModification→orderModificationLineItemLevel→lineItemChangeIndicator		
<i>Basic Type</i>	Attribute		
<i>Comments</i>	Instructions at this level overwrite those made in the Response Status type at the header level of the message.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> list		
	<i>Cardinality:</i> 0..1		
	Allowable values are: ACCEPTED    MODIFIED    REJECTED		
<i>Co-requisites</i>			
<i>Optional Elements</i>			

## 4.15 Action

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Line item</i>	<i>Element: Action</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→lineItemActionCode		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> List		
	<i>Cardinality:</i> 0..1		

	Allowable values are: ADDITION	CHANGED DELETED	NOT_AMENDED
<i>Co-requisites</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →number ( <i>Non-negative Integer</i> ) →taxRate ( <i>float</i> ) →requestedQuantity→value ( <i>float</i> ) →tradeItemIdentification→gtin ( <i>Global Trade Item Number<sup>2</sup></i> )		
<i>Optional Elements</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→modifiedOrderInformation) →modifiedOrderInformation→shipmentTransportationInformation ( <i>ShipmentTransportationInformationType</i> ) →modifiedOrderInformation →netPrice ( <i>MultiAmountType</i> ) →modifiedOrderInformation →netAmount ( <i>MultiAmountType</i> ) →modifiedOrderInformation →additionalOrderLineInstruction ( <i>LongDescriptionType</i> )		

## 4.16 Reason Code (Line)

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Related to Reason Code (Header)		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→orderResponseReasonCode		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> list		
	<i>Cardinality:</i> 0..*		

	<p>Allowable values for <i>orderResponseReasonCode</i> are:</p> <p>APPLICATION_ROUTING_ERROR</p> <p>BUSINESS_SCOPE_BLOCK</p> <p>CODE_NOT_MAPPED_TO_APPLICATION</p> <p>CUSTOMER_IDENTIFICATION_NUMBER_AND_ENTITY_NAME_DO_NOT_MATCH</p> <p>CUSTOMER_IDENTIFICATION_NUMBER_DOES_NOT_EXIST</p> <p>CUSTOMER_IDENTIFICATION_NUMBER_IS_INVALID</p> <p>CUSTOMER_IDENTIFICATION_NUMBER_IS_MISSING</p> <p>DELIVERY_SLOT_MISSED</p> <p>DELIVERY_SLOT_NOT_VALID_FOR_LOCATION</p> <p>DISCONTINUED_LINE</p> <p>DOCUMENT_ENCLOSED_IN_THE_FIRST_TRANSMISSION</p> <p>DOCUMENT_ENCLOSED_IN_THE_SECOND_TRANSMISSION</p> <p>DOCUMENT_NOT_ATTACHED</p> <p>DOCUMENT_NOT_AVAILABLE</p> <p>DOCUMENT_NOT_REQUIRED_WAIVER_ISSUED</p> <p>DUPLICATE</p> <p>GAP_IN_TIME_PERIOD</p> <p>INCOMPLETE_MESSAGE</p> <p>INCORRECT_DATE</p> <p>INSTANCE_IDENTIFIER</p> <p>INVALID_BUSINESS_PROCESS_CURRENT_STATUS_CODE</p> <p>INVALID_BUYER_EVENT_IDENTIFICATION</p> <p>INVALID_BUYER_IDENTIFICATION</p> <p>INVALID_BUYER_LOCATION_GROUP_IDENTIFICATION</p> <p>INVALID_BUYER_LOCATION_IDENTIFICATION</p> <p>INVALID_DATE</p> <p>INVALID_PRODUCT_BUYER_GROUP_IDENTIFICATION</p> <p>INVALID_PRODUCT_OR_ITEM_IDENTIFICATION</p> <p>INVALID_PRODUCT_SELLER_GROUP_IDENTIFICATION</p> <p>INVALID_SELLER_EVENT_IDENTIFICATION</p> <p>INVALID_SELLER_IDENTIFICATION</p> <p>INVALID_SELLER_LOCATION_GROUP_IDENTIFICATION</p>	<p>INVALID_SELLER_LOCATION_IDENTIFICATION</p> <p>INVALID_STATUS_TRANSITION</p> <p>INVALID_TIME_PERIOD</p> <p>ITEM_MARKED_FOR_DELETE</p> <p>ITEM_NOT_AUTHORIZED</p> <p>ITEM_TEMPORARILY_NOT_AVAILABLE</p> <p>MANIFEST_BLOCK</p> <p>MESSAGE_UNDER_DEVELOPMENT</p> <p>MISSING_CODE_FOR_APPLICATION</p> <p>MISSING_DATA</p> <p>MISSING_EFFECTIVE_MESSAGE_DATE</p> <p>MISSING_IDENTIFICATION_CODE</p> <p>MISSING_MESSAGE_REFERENCE_NUMBER</p> <p>MISSING_OR_INVALID_DUNS_NUMBER</p> <p>MISSING_OR_INVALID_LOCATION</p> <p>MISSING_OR_INVALID_MESSAGE_CODE</p> <p>MISSING_OR_INVALID_SCAC</p> <p>MISSING_OR_INVALID_UPC_CODE</p> <p>OTHER_UNLISTED_REASON</p> <p>OVERLAPPING_TIME_PERIOD</p> <p>PARTICIPATING_LOCATION</p> <p>PARTICIPATION_PERCENT</p> <p>PRODUCT_NOT_VALID_FOR_LOCATION</p> <p>PRODUCT_OUT_OF_STOCK</p> <p>RECEIVED_AFTER_CUTOFF_DATE_OR_TIME</p> <p>SENDER_NOT_AUTHORIZED_FOR_THIS_MESSAGE</p> <p>STANDARD_STANDARD_BUSINESS_DOCUMENT_STANDARD_TYPE</p> <p>TO_ARRIVE_BY_SEPARATE_XML_MESSAGE</p> <p>TYPE</p> <p>TYPE_VERSION</p> <p>UNAUTHORIZED_BUSINESS_PROCESS_STATE</p> <p>UNAUTHORIZED_BUSINESS_SERVICE_ACTION_CODE</p>
<i>Co-requisites</i>	<p>(Relative to <i>orderResponse</i>→ <i>orderModification</i>→ <i>orderModificationLineItemLevel</i>)</p> <p>→<i>modifiedOrderInformation</i> (<i>SimpleOrderLineItemType</i>)</p>	

<i>Optional Elements</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel) →substitutionItemIdentification ( <i>TradeItemIdentificationType</i> )
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## 4.17 Product Identifier

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Product identification	<i>Element:</i> Unique product identifier
<i>Description/Comments</i>	This element shall be used where one exists for the item, however if it does not exist other identifiers such as the Sellers Product Code may be used.		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→tradeItemIdentification→gtin <sup>3</sup>		
<i>Basic Type</i>	Element		
<i>Comments</i>	If modified line data is entered, this is mandatory without exceptions, contrary to the AS5023 standard.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> Global Trade Item Number <sup>4</sup>		
	<i>Cardinality:</i> 1..1		
	Cardinality of <i>orderModificationLineItemLevel</i> is 0..*		
<i>Co-requisites</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →number ( <i>Attribute, Non-negative Integer</i> ) →taxRate ( <i>float</i> ) →requestedQuantity ( <i>float</i> )		
<i>Optional Elements</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation→tradeItemIdentification) →additionalTradeItemIdentification→additionalTradeItemIdentificationValue ( <i>string</i> ) →additionalTradeItemIdentification→additionalTradeItemIdentificationType ( <i>AdditionalTradeItemIdentificationListType</i> ) (Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →shipmentTransportationInformation ( <i>ShipmentTransportationInformationType</i> ) →netPrice ( <i>MultiAmountType</i> ) →netAmount ( <i>MultiAmountType</i> ) →additionalOrderLineInstruction ( <i>LongDescriptionType</i> ) →lineItemActionCode ( <i>OrderLineItemActionCodeListType</i> )		

## 4.18 Substitute Product Identifier

AS5023 Reference	Section: Detail	Group: Product identification	Element:
Description/Comments	Related to Product identification - Unique product identifier. This identifies any substitute item that may be offered in lieu of the item originally requested.		
GS1 XML Path	orderModification→orderModificationLineItemLevel→substituteItemIdentification→gtin <sup>5</sup>		
Basic Type	Element		
Comments			
Schema Constraints	Mandatory: No		
	Data Type: Global Trade Item Number <sup>6</sup>		
	Cardinality: 1..1		
	Cardinality of <i>substituteItemIdentification</i> is 0..1		
Co-requisites	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →number (Attribute, Non-negative Integer) →taxRate (float) →tradeItemIdentification→gtin (Global Trade Item Identification Number <sup>7</sup> ) →requestedQuantity (float)		
Optional Elements	(Relative to orderResponse→ orderModification→substituteItemIdentification→tradeItemIdentification) →additionalTradeItemIdentification→additionalTradeItemIdentificationValue (string) →additionalTradeItemIdentification→additionalTradeItemIdentificationType (AdditionalTradeItemIdentificationListType) (Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →shipmentTransportationInformation (ShipmentTransportationInformationType) →netPrice (MultiAmountType) →netAmount (MultiAmountType) →additionalOrderLineInstruction (DescriptionType) →lineItemActionCode (OrderLineItemActionCodeListType)		

## 4.19 Buyers Product Code

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Product Identification	<i>Element:</i> Buyers Product Code
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→tradeItemIdentification→additionalTradeItemIdentification→additionalTradeItemIdentificationValue		
<i>Basic Type</i>	Element		
<i>Comments</i>	Any number of <i>additionaltradeItemIdentifications</i> may be used. The co-requisite element <i>additionalTradeItemIdentificationType</i> shall be set to 'BUYER_ASSIGNED'		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> String		
	<i>Cardinality:</i> 1..1		
	Cardinality of <i>additionalTradeItemIdentification</i> is 0..*		
<i>Co-requisites</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation→tradeItemIdentification) →additionalTradeItemIdentification→additionalTradeItemIdentificationType ( <i>AdditionalTradeItemIdentificationListType</i> )		
<i>Optional Elements</i>	None		

## 4.20 Sellers Product Code

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Product Identification	<i>Element:</i> Sellers Product Code
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→tradeItemIdentification→additionalTradeItemIdentification→additionalTradeItemIdentificationValue		
<i>Basic Type</i>	Element		
<i>Comments</i>	Any number of additional <i>tradeItemIdentifications</i> may be used. The co-requisite element <i>additionalTradeItemIdentificationType</i> shall be set to 'SUPPLIER_ASSIGNED'		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> String		



	Cardinality: 1..1
	Cardinality of <i>additionalTradeItemIdentification</i> is 0..*
Co-requisites	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation→tradeItemIdentification) →additionalTradeItemIdentification→additionalTradeItemIdentificationType ( <i>AdditionalTradeItemIdentificationListType</i> )
Optional Elements	None

## 4.21 Additional Trade Item Identification Type

AS5023 Reference	Section:	Group:	Element:
Description/Comments	Related to Buyers and Sellers Product Codes – Required by GS1		
GS1 XML Path	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→tradeItemIdentification→additionalTradeItemIdentification→additionalTradeItemIdentificationType		
Basic Type	Element		
Comments			
Schema Constraints	Mandatory: No		
	Data Type: AdditionalTradeItemIdentificationListType		
	Cardinality: 1..1		
	Allowable values are: BUYER_ASSIGNED    INDUSTRY_ASSIGNED    SUPPLIER_ASSIGNED		
Co-requisites	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation→tradeItemIdentification) →additionalTradeItemIdentification→additionalTradeItemIdentificationValue ( <i>string</i> )		
Optional Elements	None		

## 4.22 Quantity

AS5023 Reference	Section: Detail	Group: Quantity	Element: Quantity
Description/Comments			

<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→requestedQuantity→value
<i>Basic Type</i>	Element
<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> float
	<i>Cardinality:</i> 1..1
	Cardinality of orderModificationLineItemLevel is 0..*
<i>Co-requisites</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →number ( <i>Attribute</i> ) →taxRate ( <i>float</i> ) →tradeItemIdentification→gtin ( <i>Global Trade Item Identification</i> <sup>8</sup> )
<i>Optional Elements</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →requestedQuantity→unitOfMeasure→measurementUnitCodeValue ( <i>string</i> ) →shipmentTransportationInformation ( <i>ShipmentTransportationInformationType</i> ) →netPrice ( <i>MultiAmountType</i> ) →netAmount ( <i>MultiAmountType</i> ) →additionalOrderLineInstruction ( <i>LongDescriptionType</i> ) →lineItemActionCode ( <i>OrderLineItemActionCodeListType</i> )

## 4.23 Unit of Measure

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Quantity	<i>Element:</i> Unit of Measure
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→requestedQuantity→unitOfMeasure→measurementUnitCodeValue		
<i>Basic Type</i>	Element		
<i>Comments</i>	In GS1 XML this is an optional component whereas in AS5023 it is mandatory.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		

	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
	Cardinality of <i>unitOfMeasure</i> is: 0..1 Allowable values for <i>unitOfMeasure</i> are defined in the EANCOM element 6411.
<i>Co-requisites</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →requestedQuantity→value ( <i>float</i> )
<i>Optional Elements</i>	None

## 4.24 Net Price

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Pricing	<i>Element:</i> Net price
<i>Description/Comments</i>	This price excludes GST		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation →netPrice→amount→monetaryAmount		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i>		
	<i>Data Type:</i> float		
	<i>Cardinality:</i> 1..1		
	Cardinality of <i>netPrice</i> is 0..1		
<i>Co-requisites</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →netPrice→amount→currencyCode→currencyISOCODE ( <i>string</i> ) →number ( <i>Attribute, Non-negative Integer</i> ) →taxRate ( <i>float</i> ) →requestedQuantity→value ( <i>float</i> ) →tradeItemIdentification→gtin ( <i>Global Trade Item Number</i> <sup>9</sup> )		

<i>Optional Elements</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →shipmentTransportationInformation ( <i>ShipmentTransportationInformationType</i> ) →netAmount ( <i>MultiAmountType</i> ) →additionalOrderLineInstruction ( <i>LongDescriptionType</i> ) →lineItemActionCode ( <i>OrderLineItemActionCodeListType</i> )
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## 4.25 Net Amount

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Pricing</i>	<i>Element: Net Amount</i>
<i>Description/Comments</i>	Related to Unit Cost. This is the total cost of order line including taxes, allowances, and charges.		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation →netAmount→amount→monetaryAmount		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> float		
	<i>Cardinality:</i> 1..1		
	Cardinality of <i>netAmount</i> is 0..1		
<i>Co-requisites</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →netAmount→amount→currencyCode→currencyISOCCode ( <i>string</i> ) →number ( <i>Attribute, Non-negative Integer</i> ) →taxRate ( <i>float</i> ) →requestedQuantity→value ( <i>float</i> ) →tradeItemIdentification→gtin ( <i>Global Trade Item Number</i> <sup>10</sup> )		
<i>Optional Elements</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →shipmentTransportationInformation ( <i>ShipmentTransportationInformationType</i> ) →netPrice ( <i>MultiAmountType</i> ) →additionalOrderLineInstruction ( <i>LongDescriptionType</i> ) →lineItemActionCode ( <i>OrderLineItemActionCodeListType</i> )		

## 4.26 Currency

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Payment</i>	<i>Element: Currency</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→netPrice→amount→currencyCode→ currencyISOCODE orderModification→orderModificationLineItemLevel→modifiedOrderInformation→netAmount→amount→currencyCode→ currencyISOCODE		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> String		
	<i>Cardinality:</i> 1..1		
	Currency codes shall be as defined in ISO 4217		
<i>Co-requisites</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→netPrice→amount→monetaryAmount ( <i>float</i> ) orderModification→orderModificationLineItemLevel→modifiedOrderInformation→netAmount→amount→monetaryAmount ( <i>float</i> )		
<i>Optional Elements</i>	None		

## 4.27 Backorder Information

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Back Order</i>	<i>Element: Backorder Information</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation →backorderInformation		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> complex type		

	Cardinality: 0..1
<b>Co-requisites</b>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →requestedQuantity→value (float) →tradeItemIdentification→gtin (Global Trade Item Number <sup>11</sup> ) →number (non negative integer)
<b>Optional Elements</b>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →shipmentTransportationInformation (ShipmentTransportationInformationType) →netPrice (MultiAmountType) →netAmount (MultiAmountType) →additionalOrderLineInstruction (LongDescriptionType) →lineItemActionCode (OrderLineItemActionCodeListType)

#### 4.27.1 Backorder Information – Requested Quantity

<b>AS5023 Reference</b>	Section: Detail	Group: Delivery Details	Element: Requested Quantity
<b>Description/Comments</b>			
<b>GS1 XML Path</b>	orderModification→orderModificationLineItemLevel→backorderInformation→requestedQuantity→vaule		
<b>Basic Type</b>	Element		
<b>Comments</b>			
<b>Schema Constraints</b>	Mandatory: No		
	Data Type: float		
	Cardinality: 1..1		
<b>Co-requisites</b>	→requestedQuantity→unitOfMeasure→measurementUnitCodeValue(string)		

<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→) requestedDeliveryDate→time → requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> )
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#### 4.27.2 Backorder Information – Unit Of Measure

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Unit of Measure
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→requestedQuantity→unitOfMeasure→measurementUnitCodeValue		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	→requestedQuantity→value ( <i>float</i> )		
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→) →requestedDeliveryDate→time → requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> )		

#### 4.27.3 Backorder Information – Ultimate Consignee

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Ultimate Consignee
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→ultimateConsignee→gln		

<i>Basic Type</i>	Element
<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> Global Location Number
	<i>Cardinality:</i> 0..*
<i>Co-requisites</i>	→ultimateConsignee→additionalParyIdentification→additionalPartyIdentificationValue →ultimateConsignee→additionalParyIdentification→additionalPartyIdentificationType
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→) →requestedDeliveryDate→time → requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> )

#### 4.27.4 Backorder Information – Ship To

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Ship To
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→shipTo→gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> Global Location Number		
	<i>Cardinality:</i> 0..*		
<i>Co-requisites</i>	→shipTo→additionalParyIdentification→additionalPartyIdentificationValue →shipTo→additionalParyIdentification→additionalPartyIdentificationType		



<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→) →requestedDeliveryDate→time → requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> )
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#### 4.27.5 Backorder Information – Date Requested

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Date requested
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→requestedDeliveryDate→Date		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> date		
	<i>Cardinality:</i> 1..1		
	Cardinality of orderLogisticsDateGroup is 0..1		
<i>Co-requisites</i>			
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→) requestedDeliveryDate→time → requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> )		

#### 4.27.6 Backorder Information – Latest Delivery

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Date requested
<i>Description/Comments</i>			

<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→requestedDeliveryDateRange→latestDate
<i>Basic Type</i>	Element
<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> date
	<i>Cardinality:</i> 0..1
	Cardinality of orderLogisticsDateGroup is 0..1
<i>Co-requisites</i>	orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→requestedDeliveryDateRange→earliestDate
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→) requestedDeliveryDateRange →earliestTime requestedDeliveryDateRange →latestTime →requestedDeliveryDate→time →requestedShipDate ( <i>LogisticalDateType</i> )

#### 4.27.7 Backorder Information – Earliest Delivery

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Date requested
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→requestedDeliveryDateRange→earliestDate		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> date		
	<i>Cardinality:</i> 0..1		

	Cardinality of orderLogisticsDateGroup is 0..1
<i>Co-requisites</i>	orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→requestedDeliveryDateRange→latestDate
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→) requestedDeliveryDateRange →earliestTime requestedDeliveryDateRange →latestTime → requestedDeliveryDate→time →requestedShipDate ( <i>LogisticalDateType</i> )

#### 4.27.8 Backorder Information – Requested Ship Date

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Delivery Details</i>	<i>Element: Requested Ship Date</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→requestedShipDate→Date		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory: No</i>		
	<i>Data Type: date</i>		
	<i>Cardinality: 0..1</i>		
<i>Co-requisites</i>			
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→orderLogisticsDateGroup→) →requestedShipDate→time → requestedDeliveryDate → requestedDeliveryDateRange		

### 4.27.9 Transport and Delivery

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Transport</i>	<i>Element: Transport details by line item</i>
<i>Description/Comments</i>	AS5023 does not elaborate on details of transport and delivery terms, but treats it as a single entity. Refer to the following entries for details of the GS1 XML element.		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→shipmentTransportationInformation		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory: No</i>		
	<i>Data Type: ShipmentTransportationInformationType (Complex Type)</i>		
	<i>Cardinality: 0..1</i>		
	<i>shipmentTransportInformation</i> is only available at the line level.		
<i>Co-requisites</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation) Number ( <i>Non-negative Integer</i> ) taxRate ( <i>float</i> ) requestedQuantity→value ( <i>float</i> ) tradeItemIdentification→gtin ( <i>Global Trade Item Number</i> <sup>12</sup> )		
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation) →netPrice ( <i>MultiAmountType</i> ) →netAmount ( <i>MultiAmountType</i> ) →additionalOrderLineInstruction ( <i>LongDescriptionType</i> ) →lineItemActionCode ( <i>OrderLineItemActionCodeListType</i> )		

### 4.27.10 Transport and Delivery – Carrier

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Transport and Delivery		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→shipmentTransportationInformation→carrier→gln		

<i>Basic Type</i>	Element
<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> Global Location Number
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	None
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→shipmentTransportationInformation) →transportationMethodType ( <i>Attribute, TransportationMethodTypeCodeList</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) →serviceLevelCode ( <i>ServiceLevelCodeListType</i> ) →shipmentSpecialHandlingCode ( <i>ShipmentSpecialHandlingCodeList</i> )

#### 4.27.11 Transport and Delivery – Service Level

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Transport and Delivery		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→shipmentTransportationInformation→serviceLevelCode		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> ServiceLevelCodeListType		
	<i>Cardinality:</i> 0..1		

	Allowable values are: AUTHORIZED_RETURN_SERVICE CONSIGNEE_BILLING_SERVICE DELIVERY_CONFIRMATION EXPEDITED_SERVICE EXPEDITED_SERVICE_WORLDWIDE EXPRESS_SERVICE EXPRESS_SERVICE_PLUS GROUND	GROUND_CX_EXPRESS_SERVICE MULTIWEIGHT MUTUALLY_DEFINED NEXT_DAY_AIR NEXT_DAY_PM NEXT_MORNING PRIMARY_SERVICE_AREA_NEXT_DAY_BY_1030 PRIMARY_SERVICE_AREA_NEXT_DAY_BY_1700 SAME_DAY	SATURDAY SATURDAY_PICKUP SECOND_DAY_AIR SECOND_MORNING STANDARD_GROUND_HUNDRED_WEIGHT STANDARD_SERVICE THREE_DAY_SERVICE
<i>Co-requisites</i>	None		
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→shipmentTransportationInformation) →transportationMethodType ( <i>Attribute, TransportationMethodTypeCodeList</i> ) →carrier→gln ( <i>Global Location Number</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) →shipmentSpecialHandlingCode ( <i>ShipmentSpecialHandlingCodeList</i> )		

#### 4.27.12 Transport and Delivery – Special Handling

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Transport and Delivery		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→shipmentTransportationInformation→shipmentSpecialHandlingCode		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> ShipmentSpecialHandlingCodeList		
	<i>Cardinality:</i> 0..*		

	Allowable Values are: AM_DELIVERY_REQUIREMENT BLIND_SHIPMENT DISPOSE_OF_RESIDUE_HEEL DEFERRED_DELIVERY DO_NOT_BREAK_DOWN DO_NOT_FREEZE DO_NOT_SPLIT_SHIPMENT DO_NOT_STACK DROP_OFF_DELIVERY DROP_YARD EXCLUSIVE_USE_OF_VEHICLE EXPEDITED_SERVICE	EXTRA_DRIVER FRAGILE_HANDLE_WITH_CARE GUARANTEED HEAT HEAT_IN_TRANSIT HEAT_SPECIAL HEAT_WITH_STEAM INSIDE_PICKUP KEEP_MATERIAL_DRY LOAD_ON_TOP_OF_RESIDUE_HEEL LOADED_TO_FULL_VISIBLE_CAPACITY NEXT_DAY_DELIVERY NOTIFY_CONSIGNEE_BEFORE_DELIVERY	PERISHABLE PM_DELIVERY_REQUIRED PROTECT_FROM_HEAT REFRIGERATED RESIDENTIAL_DELIVERY ROUND_TRIP_SERVICE SECURITY_SIGNATURE_SERVICE SECOND_DAY_DELIVERY SINGLE_SHIPMENT TEMPERATURE_CONTROL TOP_FREIGHT_ONLY
<i>Co-requisites</i>	None		
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→shipmentTransportationInformation) →transportationMethodType ( <i>Attribute, TransportationMethodTypeCodeList</i> ) →carrier→gln ( <i>Global Location Number</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) →serviceLevelCode ( <i>ServiceLevelCodeList</i> )		

#### 4.27.13 Transport and Delivery – Transport Method

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Transport and Delivery		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→backorderInformation→shipmentTransportationInformation→transportationMethodType		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	Mandatory: No		
	Data Type: TransportationMethodTypeCodeList		

	Cardinality: 0..1		
	Allowable values are: AIR AIR_CHARTER AIR_EXPRESS AIR_FREIGHT BEST_WAY_SHIPPERS_OPTION BOOK_POSTAL BUS CAB CONSOLIDATION CONTRACT_CARRIER CUSTOMER_PICKUP CUSTOMER_PICKUP_OR_CUSTOMERS_EXPENSE EXPEDITED_TRUCK GEOGRAPHIC_RECEIVING	GEOGRAPHIC_RECEIVING_SHIPPING GEOGRAPHIC_SHIPPING INLAND_WATERWAY INTERMODAL_PIGGYBACK LESS_THAN_TRUCK_LOAD MOTOR MOTOR_COMMON_CARRIER MOTOR_FLATBED MOTOR_PACKAGE_CARRIER MOTOR_TRUCKLOAD MOTOR_VAN MUTUALLY_DEFINED OCEAN PARCEL_POST PIPELINE	POOLED_AIR POOLED_PIGGYPACK POOL_TO_POOL POOLED_RAIL POOLED_TRUCK PRIVATE_CARRIER PRIVATE_PARCEL_SERVICE PRIVATE_VESSEL RAIL ROADTRAILER SEA_AIR STEAM_SHIP SUPPLIER_TRUCK
Co-requisites	None		
Optional Elements	(Relative to orderModification→orderModificationLineItemLevel→backorderInformation→shipmentTransportationInformation) →carrier→gln ( <i>Global Location Number</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) →serviceLevelCode ( <i>ServiceLevelCodeList</i> ) →shipmentSpecialHandlingCode ( <i>ShipmentSpecialHandlingCodeList</i> )		

## 4.28 Tax Rate

AS5023 Reference	Section: Detail	Group: Tax Rate	Element: Tax Rate
Description/Comments	This specifies the tax rate to be used for each line item. Typically, this will be either 0 or 10%; however, some items are composed of taxable and non-taxable components and will have a calculated rate.		
GS1 XML Path	orderModification→orderModificationLineItemLevel→modifiedOrderInformation →taxRate		
Basic Type	Element		



<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> AmountType
	<i>Cardinality:</i> 0..1
<i>Co-requisites</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →requestedQuantity→value (float) →tradeItemIdentification→gtin (Global Trade Item Number <sup>13</sup> ) →number (non negative integer)
<i>Optional Elements</i>	(Relative to orderResponse→ orderModification→ orderModificationLineItemLevel→ modifiedOrderInformation) →shipmentTransportationInformation (ShipmentTransportationInformationType) →netPrice (MultiAmountType) →netAmount (MultiAmountType) →additionalOrderLineInstruction (LongDescriptionType) →lineItemActionCode (OrderLineItemActionCodeListType)

## 4.29 Allowances and Charges

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Allowances and Charges	<i>Element:</i> Allowance and Charges
<i>Description/Comments</i>	The allowances and charges relating to the item.		
<i>GS1 XML Path</i>	orderModification→allowanceCharge		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> AllowanceChargeType		
	<i>Cardinality:</i> 0..*		

Co-requisites	
Optional Elements	

#### 4.29.1 Allowances and Charges – Amount or Percentage

AS5023 Reference	Section: Detail	Group:	Element:
Description/Comments	Refer to Allowances and Charges		
GS1 XML Path	Choice: (relative to allowanceCharge→ monetaryAmountOrPercentage) →amount→monetaryAmount →percentage →measurementValue→value →ratePerUnit→allowanceOrChargeRatePerUnit		
Basic Type	Element		
Comments			
Schema Constraints	Mandatory: No		
	Data Type: amount→monetaryAmount: Float percentage: PercentageType measurementValue→value: decimal ratePerUnit→allowanceOrChargeRatePerUnit: Non-negative Integer		
	Cardinality: 1..1		
	Cardinality of <i>monetaryAmountOrPercentage</i> is 1..* sequenceNumber shall be used where there are multiple charges and GST is involved. The calculation sequence is to conform to Australian Tax Office rules - typically, GST is the last in the sequence.		
	Allowable values for <i>allowanceChargeType</i> are: ALLOWANCE_GLOBAL CHARGE_GLOBAL	CONSOLIDATED FLAT_RATE FREE_GOODS FREIGHT_COSTS	INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES

	Allowable values for <i>allowanceOrChargeType</i> are:      ALLOWANCE      CHARGE		
	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS	OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE	LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE
<b>Co-requisites</b>	(Relative to orderModification→allowanceCharge) →monetaryAmountOrPercentage→amount→currencyCode→currencyISOCODE ( <i>string</i> ) →monetaryAmountOrPercentage→measurementValue→unitOfMeasure ( <i>Attribute, string</i> ) →allowanceChargeType ( <i>Attribute, AllowanceChargeListType</i> ) →sequenceNumber ( <i>Attribute, nonNegativeInteger</i> ) →allowanceOrChargeType ( <i>Attribute, AllowanceOrChargeListType</i> ) →settlementType ( <i>Attribute, SettlementListType</i> )		
<b>Optional Elements</b>			

#### 4.29.2 Allowances and Charges – Charge Type

<b>AS5023 Reference</b>	Section: Detail	Group:	Element:
<b>Description/Comments</b>	Refer to Allowances and Charges		
<b>GS1 XML Path</b>	allowanceCharge→allowanceChargeType		
<b>Basic Type</b>	Attribute		
<b>Comments</b>			
<b>Schema Constraints</b>	Mandatory: No		
	Data Type: List		
	Cardinality: 1..1		
	sequenceNumber shall be used where there are multiple charges and GST is involved. The calculation sequence is to conform to Australian Tax Office rules - typically GST is the last in the sequence.		

	Allowable values are: ALLOWANCE_GLOBAL CHARGE_GLOBAL CONSOLIDATED FLAT_RATE FREIGHT_COSTS FREE_GOODS	INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES  Additional values subject to the Change Request are: WAREHOUSE	ULLAGE QUANTITY DISCOUNT TRADE DISCOUNT VOLUME DISCOUNT EARLY PAYMENT SPECIAL HANDLING PALLET
	Allowable values for <i>allowanceOrChargeType</i> are:      ALLOWANCE      CHARGE		
	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS	OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE	LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE
<i>Co-requisites</i>	(Relative to allowanceCharge) →monetaryAmountOrPercentage ( <i>MonetaryAmountOrPercentageType</i> ) →sequenceNumber ( <i>Attribute, nonNegativeInteger</i> ) →allowanceOrChargeType ( <i>Attribute, AllowanceOrChargeListType</i> ) →settlementType ( <i>Attribute, SettlementListType</i> )		
<i>Optional Elements</i>			

### 4.29.3 Allowances and Charges – Sequence Number

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Allowances and Charges		
<i>GS1 XML Path</i>	allowanceCharge→ sequenceNumber		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		

	<i>Data Type:</i> Non-negative Integer		
	<i>Cardinality:</i> 0..1		
	Allowable values for <i>allowanceChargeType</i> are: ALLOWANCE_GLOBAL CHARGE_GLOBAL	CONSOLIDATED FLAT_RATE FREE_GOODS FREIGHT_COSTS	INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES
	Allowable values for <i>allowanceOrChargeType</i> are:      ALLOWANCE      CHARGE		
	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS	OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE	LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE
<i>Co-requisites</i>	(Relative to <i>allowanceCharge</i> ) → <i>monetaryAmountOrPercentage</i> ( <i>MonetaryAmountOrPercentageType</i> ) → <i>allowanceChargeType</i> ( <i>Attribute, AllowanceChargeListType</i> ) → <i>allowanceOrChargeType</i> ( <i>Attribute, AllowanceOrChargeListType</i> ) → <i>settlementType</i> ( <i>Attribute, SettlementListType</i> ) → <i>effectiveDateType</i> ( <i>Attribute, EffectiveDateListType</i> )		
<i>Optional Elements</i>			

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#### 4.29.4 Allowances and Charges – Allowance or Charge

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Allowances and Charges		
<i>GS1 XML Path</i>	allowanceCharge→allowanceOrChargeType		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			

Schema Constraints	Mandatory: No		
	Data Type: List		
	Cardinality: 1..1		
	Allowable values are: ALLOWANCE CHARGE		
	Allowable values for <i>allowanceChargeType</i> are: ALLOWANCE_GLOBAL CHARGE_GLOBAL	CONSOLIDATED FLAT_RATE FREE_GOODS FREIGHT_COSTS	INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES
	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS	OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE	LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE
Co-requisites	(Relative to allowanceCharge) →monetaryAmountOrPercentage ( <i>MonetaryAmountOrPercentageType</i> ) →allowanceChargeType ( <i>Attribute, AllowanceChargeListType</i> ) →sequenceNumber ( <i>Attribute, nonNegativeInteger</i> ) →settlementType ( <i>Attribute, SettlementListType</i> ) →effectiveDateType ( <i>Attribute, EffectiveDateListType</i> )		
Optional Elements			

#### 4.29.5 Allowances and Charges – Settlement Type

AS5023 Reference	Section: Detail	Group:	Element:
Description/Comments	Refer to Allowances and Charges		
GS1 XML Path	allowanceCharge→settlementType		
Basic Type	Attribute		

Comments			
Schema Constraints	Mandatory: No		
	Data Type: List		
	Cardinality: 1..1		
	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS	OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>allowanceChargeType</i> are: ALLOWANCE_GLOBAL CHARGE_GLOBAL	CONSOLIDATED FLAT_RATE FREE_GOODS FREIGHT_COSTS	INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES
	Allowable values for <i>allowanceOrChargeType</i> are:      ALLOWANCE      CHARGE		
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE	LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE
Co-requisites	(Relative to allowanceCharge) →monetaryAmountOrPercentage ( <i>MonetaryAmountOrPercentageType</i> ) →allowanceChargeType ( <i>Attribute, AllowanceChargeListType</i> ) →sequenceNumber ( <i>Attribute, nonNegativeInteger</i> ) →allowanceOrChargeType ( <i>Attribute, AllowanceOrChargeListType</i> ) →effectiveDateType ( <i>Attribute, EffectiveDateListType</i> )		
Optional Elements			

### 4.30 Shipment Detail

AS5023 Reference	Section: Detail	Group: Delivery Details	Element: Shipment Details
Description/Comments	Used to specify multiple deliveries for the line item.		
GS1 XML Path	orderModification→orderModificationLineItemLevel→shipmentDetail		

<i>Basic Type</i>	Element
<i>Comments</i>	
<i>Schema Constraints</i>	Mandatory: No
	Data Type: ShipmentDetailType
	Cardinality: 0..*
<i>Co-requisites</i>	
<i>Optional Elements</i>	

#### 4.30.1 Shipment Detail – Requested Quantity

<i>AS5023 Reference</i>	Section: Detail	Group: Delivery Details	Element: Requested Quantity
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→shipmentDetail→requestedQuantity→vaule		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	Mandatory: No		
	Data Type: float		
	Cardinality: 1..1		
<i>Co-requisites</i>	→requestedQuantity→unitOfMeasure→measurementUnitCodeValue(string)		
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup) →requestedDeliveryDate→time → requestedDeliveryDateRange (LogisticalDateRangeType) →requestedShipDate (LogisticalDateType)		



### 4.30.2 Shipment Detail – Unit Of Measure

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Delivery Details</i>	<i>Element: Unit of Measure</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→shipmentDetail→requestedQuantity→unitOfMeasure→measurementUnitCodeValue		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	Mandatory: No		
	Data Type: string		
	Cardinality: 1..1		
<i>Co-requisites</i>	→requestedQuantity→value (float)		
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup) →requestedDeliveryDate→time → requestedDeliveryDateRange (LogisticalDateRangeType) →requestedShipDate (LogisticalDateType)		

### 4.30.3 Shipment Detail – Ultimate Consignee

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Delivery Details</i>	<i>Element: Ultimate Consignee</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→shipmentDetail→ultimateConsignee→gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	Mandatory: No		
	Data Type: Global Location Number		

	Cardinality: 0..*
Co-requisites	→ultimateConsignee→additionalPartyIdentification→additionalPartyIdentificationValue →ultimateConsignee→additionalPartyIdentification→additionalPartyIdentificationType
Optional Elements	(Relative to orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup) →requestedDeliveryDate→time → requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> )

#### 4.30.4 Shipment Detail – Ship To

AS5023 Reference	Section: Detail	Group: Delivery Details	Element: Ship To
Description/Comments			
GS1 XML Path	orderModification→orderModificationLineItemLevel→shipmentDetail→shipTo→gln		
Basic Type	Element		
Comments			
Schema Constraints	Mandatory: No		
	Data Type: Global Location Number		
	Cardinality: 0..*		
Co-requisites	→shipTo→additionalPartyIdentification→additionalPartyIdentificationValue →shipTo→additionalPartyIdentification→additionalPartyIdentificationType		
Optional Elements	(Relative to orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup) →requestedDeliveryDate→time → requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> )		

#### 4.30.5 Shipment Detail – Pricing Document Reference

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Pricing</i>	<i>Element: Pricing Document Reference</i>
<i>Description/Comments</i>	This identifies the specific document used authority for the pricing used e.g. contract, standing offer, catalogue, etc.		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→ShipmentDetail→purchaseConditions→documentReference→uniqueCreatorIdentification		
<i>Basic Type</i>	Element		
<i>Comments</i>	This element shall be used if a specific line in the authority document is not being quoted		
<i>Schema Constraints</i>	<i>Mandatory: No</i>		
	<i>Data Type: string</i>		
	<i>Cardinality: 1..1</i>		
<i>Co-requisites</i>	(Relative to orderModificationLineItemLevel→shipmentDetails→purchaseConditions→documentReference) → number (Non-negative Integer) → documentReference→contentOwner→gln ( <i>Global Location Number</i> ) → documentReference→creationDateTime ( <i>dateTime</i> )		
<i>Optional Elements</i>	(Relative to orderModificationLineItemLevel→shipmentDetails→purchaseConditions→documentReference→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> )		

#### 4.30.6 Shipment Detail – Pricing Document Line Number

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Pricing</i>	<i>Element: Pricing Document Line Number</i>
<i>Description/Comments</i>	This identifies the specific line in the specified document used for the pricing used e.g. contract, standing offer, catalogue, etc.		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→ShipmentDetail→purchaseConditions→documentLineReference→number		
<i>Basic Type</i>	Element		

<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> Non-negative Integer
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	(Relative to orderModificationLineItemLevel→shipmentDetails→purchaseConditions→documentLineReference) →documentReference→uniqueCreatorIdentification ( <i>string</i> ) → documentReference→contentOwner→gln ( <i>Global Location Number</i> ) → documentReference→creationDateTime ( <i>dateTime</i> )
<i>Optional Elements</i>	(Relative to orderModificationLineItemLevel→shipmentDetails→purchaseConditions→documentLineReference→documentReference→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> )

#### 4.30.7 Shipment Detail – Date Requested

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Date requested
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→requestedDeliveryDate→Date		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> date		
	<i>Cardinality:</i> 1..1		
	Cardinality of orderLogisticsDateGroup is 0..1 Cardinality of shipmentDetail is 0..*		
<i>Co-requisites</i>			

<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→) requestedDeliveryDate→time → requestedDeliveryDateRange ( <i>LogisticalDateRangeType</i> ) →requestedShipDate ( <i>LogisticalDateType</i> )
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#### 4.30.8 Shipment Detail – Latest Delivery

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Date requested
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→requestedDeliveryDateRange→latestDate		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> date		
	<i>Cardinality:</i> 0..1		
	Cardinality of orderLogisticsDateGroup is 0..1 Cardinality of shipmentDetail is 0..*		
<i>Co-requisites</i>	orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→requestedDeliveryDateRange→earliestDate		
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→) requestedDeliveryDateRange →earliestTime requestedDeliveryDateRange →latestTime →requestedDeliveryDate→time →requestedShipDate ( <i>LogisticalDateType</i> )		

#### 4.30.9 Shipment Detail – Earliest Delivery

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Date requested
<i>Description/Comments</i>			

<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→requestedDeliveryDateRange→earliestDate
<i>Basic Type</i>	Element
<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> date
	<i>Cardinality:</i> 0..1
	Cardinality of orderLogisticsDateGroup is 0..1 Cardinality of shipmentDetail is 0..*
<i>Co-requisites</i>	orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→requestedDeliveryDateRange→latestDate
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→) requestedDeliveryDateRange →earliestTime requestedDeliveryDateRange →latestTime → requestedDeliveryDate→time →requestedShipDate ( <i>LogisticalDateType</i> )

#### 4.30.10 Shipment Detail – Requested Ship Date

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Delivery Details	<i>Element:</i> Requested Ship Date
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→requestedShipDate→Date		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> date		
	<i>Cardinality:</i> 0..1		

<i>Co-requisites</i>	
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→shipmentDetail→orderLogisticsDateGroup→) →requestedShipDate→time → requestedDeliveryDate → requestedDeliveryDateRange

### 4.31 Allowances and Charges

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Allowances and Charges</i>	<i>Element: Allowance and Charges</i>
<i>Description/Comments</i>	The allowances and charges relating to the item.		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→allowanceCharge		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory: No</i>		
	<i>Data Type: AllowanceChargeType</i>		
	<i>Cardinality: 0..*</i>		
<i>Co-requisites</i>			
<i>Optional Elements</i>			

#### 4.31.1 Allowances and Charges – Amount or Percentage

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Allowances and Charges		

<i>GS1 XML Path</i>	Choice: (relative to allowanceCharge→ monetaryAmountOrPercentage) →amount→monetaryAmount →percentage →measurementValue→value →ratePerUnit→allowanceOrChargeRatePerUnit	
<i>Basic Type</i>	Element	
<i>Comments</i>		
<i>Schema Constraints</i>	Mandatory: No  Data Type: amount→monetaryAmount: Float percentage: PercentageType measurementValue→value: decimal ratePerUnit→allowanceOrChargeRatePerUnit: Non-negative Integer	
	Cardinality: 1..1	
	Cardinality of <i>monetaryAmountOrPercentage</i> is 1..* sequenceNumber shall be used where there are multiple charges and GST is involved. The calculation sequence is to conform to Australian Tax Office rules - typically, GST is the last in the sequence.	
	Allowable values for <i>allowanceChargeType</i> are: ALLOWANCE_GLOBAL CHARGE_GLOBAL	CONSOLIDATED FLAT_RATE FREE_GOODS FREIGHT_COSTS INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES
	Allowable values for <i>allowanceOrChargeType</i> are:      ALLOWANCE      CHARGE	
	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE



<i>Co-requisites</i>	(Relative to orderModification→allowanceCharge) →monetaryAmountOrPercentage→amount→currencyCode→currencyISOCODE ( <i>string</i> ) →monetaryAmountOrPercentage→measurementValue→unitOfMeasure ( <i>Attribute, string</i> ) →allowanceChargeType ( <i>Attribute, AllowanceChargeListType</i> ) →sequenceNumber ( <i>Attribute, nonNegativeInteger</i> ) →allowanceOrChargeType ( <i>Attribute, AllowanceOrChargeListType</i> ) →settlementType ( <i>Attribute, SettlementListType</i> )
<i>Optional Elements</i>	

#### 4.31.2 Allowances and Charges – Charge Type

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Allowances and Charges		
<i>GS1 XML Path</i>	allowanceCharge→allowanceChargeType		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> List		
	<i>Cardinality:</i> 1..1		
	<i>sequenceNumber</i> shall be used where there are multiple charges and GST is involved. The calculation sequence is to conform to Australian Tax Office rules - typically GST is the last in the sequence.		
	Allowable values are: ALLOWANCE_GLOBAL CHARGE_GLOBAL CONSOLIDATED FLAT_RATE FREIGHT_COSTS FREE_GOODS	INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES  Additional values subject to the Change Request are: WAREHOUSE	ULLAGE QUANTITY DISCOUNT TRADE DISCOUNT VOLUME DISCOUNT EARLY PAYMENT SPECIAL HANDLING PALLET

	Allowable values for <i>allowanceOrChargeType</i> are: ALLOWANCE CHARGE		
	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS	OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE	LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE
<i>Co-requisites</i>	(Relative to allowanceCharge) →monetaryAmountOrPercentage ( <i>MonetaryAmountOrPercentageType</i> ) →sequenceNumber ( <i>Attribute, nonNegativeInteger</i> ) →allowanceOrChargeType ( <i>Attribute, AllowanceOrChargeListType</i> ) →settlementType ( <i>Attribute, SettlementListType</i> )		
<i>Optional Elements</i>			

### 4.31.3 Allowances and Charges – Sequence Number

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Allowances and Charges		
<i>GS1 XML Path</i>	allowanceCharge→sequenceNumber		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> Non-negative Integer		
	<i>Cardinality:</i> 0..1		
	Allowable values for <i>allowanceChargeType</i> are: ALLOWANCE_GLOBAL CHARGE_GLOBAL	CONSOLIDATED FLAT_RATE FREE_GOODS FREIGHT_COSTS	INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES

	Allowable values for <i>allowanceOrChargeType</i> are:      ALLOWANCE      CHARGE		
	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS	OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE	LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE
<i>Co-requisites</i>	(Relative to allowanceCharge) →monetaryAmountOrPercentage ( <i>MonetaryAmountOrPercentageType</i> ) →allowanceChargeType ( <i>Attribute, AllowanceChargeListType</i> ) →allowanceOrChargeType ( <i>Attribute, AllowanceOrChargeListType</i> ) →settlementType ( <i>Attribute, SettlementListType</i> ) →effectiveDateType ( <i>Attribute, EffectiveDateListType</i> )		
<i>Optional Elements</i>			

#### 4.31.4 Allowances and Charges – Allowance or Charge

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Allowances and Charges		
<i>GS1 XML Path</i>	allowanceCharge→allowanceOrChargeType		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> List		
	<i>Cardinality:</i> 1..1		
	Allowable values are:      ALLOWANCE      CHARGE		

	Allowable values for <i>allowanceChargeType</i> are: ALLOWANCE_GLOBAL CHARGE_GLOBAL	CONSOLIDATED FLAT_RATE FREE_GOODS FREIGHT_COSTS	INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES
	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS	OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE	LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE
<i>Co-requisites</i>	(Relative to allowanceCharge) →monetaryAmountOrPercentage ( <i>MonetaryAmountOrPercentageType</i> ) →allowanceChargeType ( <i>Attribute, AllowanceChargeListType</i> ) →sequenceNumber ( <i>Attribute, nonNegativeInteger</i> ) →settlementType ( <i>Attribute, SettlementListType</i> ) →effectiveDateType ( <i>Attribute, EffectiveDateListType</i> )		
<i>Optional Elements</i>			

#### 4.31.5 Allowances and Charges – Settlement Type

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Allowances and Charges		
<i>GS1 XML Path</i>	allowanceCharge→settlementType		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> List		
	<i>Cardinality:</i> 1..1		

	Allowable values for <i>settlementType</i> are: BILL_BACK CHARGE_TO_BE_PAID_BY_CUSTOMER	CHARGE_TO_BE_PAID_BY_VENDOR CREDIT_CUSTOMER_ACCOUNT ITEM_ACCRUALS	OFF_INVOICE VENDOR_ACCRUALS VENDOR_CHECK
	Allowable values for <i>allowanceChargeType</i> are: ALLOWANCE_GLOBAL CHARGE_GLOBAL	CONSOLIDATED FLAT_RATE FREE_GOODS FREIGHT_COSTS	INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES
	Allowable values for <i>allowanceOrChargeType</i> are:      ALLOWANCE      CHARGE		
	Allowable values for <i>effectiveDateType</i> are: EFFECTIVE_DATE EXPIRATION_DATE	FIRST_ARRIVAL_DATE FIRST_ORDER_DATE FIRST_SHIP_DATE	LAST_ARRIVAL_DATE LAST_ORDER_DATE LAST_SHIP_DATE
<i>Co-requisites</i>	(Relative to allowanceCharge) →monetaryAmountOrPercentage ( <i>MonetaryAmountOrPercentageType</i> ) →allowanceChargeType ( <i>Attribute, AllowanceChargeListType</i> ) →sequenceNumber ( <i>Attribute, nonNegativeInteger</i> ) →allowanceOrChargeType ( <i>Attribute, AllowanceOrChargeListType</i> ) →effectiveDateType ( <i>Attribute, EffectiveDateListType</i> )		
<i>Optional Elements</i>			

## 4.32 Transport and Delivery

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Transport	<i>Element:</i> Transport details by line item
<i>Description/Comments</i>	AS5023 does not elaborate on details of transport and delivery terms, but treats it as a single entity. Refer to the following entries for details of the GS1 XML element.		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→shipmentTransportationInformation		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> ShipmentTransportationInformationType (Complex Type)		

	Cardinality: 0..1
	<i>shipmentTransportInformation</i> is only available at the line level.
Co-requisites	(Relative to orderModification→orderModificationLineItemLevel→modifiedOrderInformation) Number ( <i>Non-negative Integer</i> ) taxRate ( <i>float</i> ) requestedQuantity→value ( <i>float</i> ) tradeItemIdentification→gtin ( <i>Global Trade Item Number</i> <sup>14</sup> )
Optional Elements	(Relative to orderModification→orderModificationLineItemLevel→modifiedOrderInformation) →netPrice ( <i>MultiAmountType</i> ) →netAmount ( <i>MultiAmountType</i> ) →additionalOrderLineInstruction ( <i>LongDescriptionType</i> ) →lineItemActionCode ( <i>OrderLineItemActionCodeListType</i> )

#### 4.32.1 Transport and Delivery – Carrier

AS5023 Reference	Section: Detail	Group:	Element:
Description/Comments	Refer to Transport and Delivery		
GS1 XML Path	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→shipmentTransportationInformation→carrier→gln		
Basic Type	Element		
Comments			
Schema Constraints	Mandatory: No		
	Data Type: Global Location Number		
	Cardinality: 1..1		
Co-requisites	None		

<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→modifiedOrderInformation→shipmentTransportationInformation) →transportationMethodType ( <i>Attribute, TransportationMethodTypeCodeList</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) →serviceLevelCode ( <i>ServiceLevelCodeListType</i> ) →shipmentSpecialHandlingCode ( <i>ShipmentSpecialHandlingCodeList</i> )
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### 4.32.2 Transport and Delivery – Service Level

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Transport and Delivery		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→shipmentTransportationInformation→ serviceLevelCode		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> ServiceLevelCodeListType		
	<i>Cardinality:</i> 0..1		
	Allowable values are: AUTHORIZED_RETURN_SERVICE CONSIGNEE_BILLING_SERVICE DELIVERY_CONFIRMATION EXPEDITED_SERVICE EXPEDITED_SERVICE_WORLDWIDE EXPRESS_SERVICE EXPRESS_SERVICE_PLUS GROUND	GROUND_CX_EXPRESS_SERVICE MULTIWEIGHT MUTUALLY_DEFINED NEXT_DAY_AIR NEXT_DAY_PM NEXT_MORNING PRIMARY_SERVICE_AREA_NEXT_DAY_BY_1030 PRIMARY_SERVICE_AREA_NEXT_DAY_BY_1700 SAME_DAY	SATURDAY SATURDAY_PICKUP SECOND_DAY_AIR SECOND_MORNING STANDARD_GROUND_HUNDRED_WEIGHT STANDARD_SERVICE THREE_DAY_SERVICE
<i>Co-requisites</i>	None		

<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→modifiedOrderInformation→shipmentTransportationInformation) →transportationMethodType ( <i>Attribute, TransportationMethodTypeCodeList</i> ) →carrier→gln ( <i>Global Location Number</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) →shipmentSpecialHandlingCode ( <i>ShipmentSpecialHandlingCodeList</i> )
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### 4.32.3 Transport and Delivery – Special Handling

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Transport and Delivery		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→shipmentTransportationInformation→shipmentSpecialHandlingCode		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> ShipmentSpecialHandlingCodeList		
	<i>Cardinality:</i> 0..*		
	Allowable Values are: AM_DELIVERY_REQUIREMENT BLIND_SHIPMENT DISPOSE_OF_RESIDUE_HEEL DEFERRED_DELIVERY DO_NOT_BREAK_DOWN DO_NOT_FREEZE DO_NOT_SPLIT_SHIPMENT DO_NOT_STACK DROP_OFF_DELIVERY DROP_YARD EXCLUSIVE_USE_OF_VEHICLE EXPEDITED_SERVICE	EXTRA_DRIVER FRAGILE_HANDLE_WITH_CARE GUARANTEED HEAT HEAT_IN_TRANSIT HEAT_SPECIAL HEAT_WITH_STEAM INSIDE_PICKUP KEEP_MATERIAL_DRY LOAD_ON_TOP_OF_RESIDUE_HEEL LOADED_TO_FULL_VISIBLE_CAPACITY NEXT_DAY_DELIVERY NOTIFY_CONSIGNEE_BEFORE_DELIVERY	PERISHABLE PM_DELIVERY_REQUIRED PROTECT_FROM_HEAT REFRIGERATED RESIDENTIAL_DELIVERY ROUND_TRIP_SERVICE SECURITY_SIGNATURE_SERVICE SECOND_DAY_DELIVERY SINGLE_SHIPMENT TEMPERATURE_CONTROL TOP_FREIGHT_ONLY



<i>Co-requisites</i>	None
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→modifiedOrderInformation→shipmentTransportationInformation) →transportationMethodType ( <i>Attribute, TransportationMethodTypeCodeList</i> ) →carrier→gln ( <i>Global Location Number</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) →serviceLevelCode ( <i>ServiceLevelCodeList</i> )

#### 4.32.4 Transport and Delivery – Transport Method

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>	Refer to Transport and Delivery		
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→shipmentTransportationInformation→transportationMethodType		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> TransportationMethodTypeCodeList		
	<i>Cardinality:</i> 0..1		

	Allowable values are: AIR AIR_CHARTER AIR_EXPRESS AIR_FREIGHT BEST_WAY_SHIPPERS_OPTION BOOK_POSTAL BUS CAB CONSOLIDATION CONTRACT_CARRIER CUSTOMER_PICKUP CUSTOMER_PICKUP_OR_CUSTOMERS_EXPENSE EXPEDITED_TRUCK GEOGRAPHIC_RECEIVING	GEOGRAPHIC_RECEIVING_SHIPPING GEOGRAPHIC_SHIPPING INLAND_WATERWAY INTERMODAL_PIGGYBACK LESS_THAN_TRUCK_LOAD MOTOR MOTOR_COMMON_CARRIER MOTOR_FLATBED MOTOR_PACKAGE_CARRIER MOTOR_TRUCKLOAD MOTOR_VAN MUTUALLY_DEFINED OCEAN PARCEL_POST PIPELINE	POOLED_AIR POOLED_PIGGYPACK POOL_TO_POOL POOLED_RAIL POOLED_TRUCK PRIVATE_CARRIER PRIVATE_PARCEL_SERVICE PRIVATE_VESSEL RAIL ROADRAILER SEA_AIR STEAM_SHIP SUPPLIER_TRUCK
<i>Co-requisites</i>	None		
<i>Optional Elements</i>	(Relative to orderModification→orderModificationLineItemLevel→modifiedOrderInformation→shipmentTransportationInformation) →carrier→gln ( <i>Global Location Number</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationValue ( <i>string</i> ) →carrier→additionalPartyIdentification→additionalPartyIdentificationType ( <i>list</i> ) →serviceLevelCode ( <i>ServiceLevelCodeList</i> ) →shipmentSpecialHandlingCode ( <i>ShipmentSpecialHandlingCodeList</i> )		

### 4.33 Free Text Instructions

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Special Instructions	<i>Element:</i> Free text instructions
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→additionalOrderLineInstruction→longText		
<i>Basic Type</i>	Element		
<i>Comments</i>			

<b>Schema Constraints</b>	<i>Mandatory:</i> No
	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
	Cardinality of <i>additionalOrderLineInstruction</i> is 0..1
<b>Co-requisites</b>	multiShipmentOrderLineItem→additionalOrderLineInstruction→language→languageISOCODE ( <i>string</i> )
<b>Optional Elements</b>	None

### 4.34 Free Text Instructions: Language

<b>AS5023 Reference</b>	<i>Section:</i> Detail	<i>Group:</i> Special Instructions	<i>Element:</i> Free text instructions
<b>Description/Comments</b>	Related to Free Text Instructions - Required by GS1		
<b>GS1 XML Path</b>	orderModification→orderModificationLineItemLevel→modifiedOrderInformation→additionalOrderLineInstruction→language→languageISOCODE		
<b>Basic Type</b>	Element		
<b>Comments</b>			
<b>Schema Constraints</b>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Cardinality of <i>additionalOrderLineInstruction</i> is 0..1 Shall be one of the ISO 639 codes.		
<b>Co-requisites</b>	multiShipmentOrderLineItem→additionalOrderLineInstruction→longText ( <i>string</i> )		
<b>Optional Elements</b>	None		

## 4.35 Total Amount

<i>AS5023 Reference</i>	<i>Section: End</i>	<i>Group: Summary</i>	<i>Element: Monetary Amount excluding GST</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	totalMonetaryAmountOfOrderExcludingTaxes		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory: No</i>		
	<i>Data Type: AmountType</i>		
	<i>Cardinality: 0..1</i>		
<i>Co-requisites</i>	totalTax		
<i>Optional Elements</i>	creationDateTime ( <i>Attribute dateTime</i> ) documentStatus ( <i>DocumentStatusListType</i> ) responseIdentification ( <i>EntityIdentificationType</i> ) responseToOriginalDocument ( <i>ReferenceDocumentType</i> ) responseStatusType ( <i>ResponseStatusListType</i> ) buyer ( <i>PartyIdentificationType</i> ) seller ( <i>PartyIdentificationType</i> ) lastUpdate ( <i>date</i> ) contentVersion ( <i>VersionType</i> ) documentStructureVersion ( <i>VersionType</i> ) orderModification ( <i>OrderModificationType</i> ) orderResponseReasonCode ( <i>ErrorOrWarningListType</i> )		

## 4.36 Total GST

AS5023 Reference	Section: End	Group: Summary	Element: Total Tax
Description/Comments			
GS1 XML Path	totalTax		
Basic Type	Element		
Comments			
Schema Constraints	Mandatory: No		
	Data Type: AmountType		
	Cardinality: 0..1		
Co-requisites	totalMonetaryAmountOfOrderExcludingTaxes		
Optional Elements	creationDateTime ( <i>Attribute dateTime</i> ) documentStatus ( <i>DocumentStatusListType</i> ) responseIdentification ( <i>EntityIdentificationType</i> ) responseToOriginalDocument ( <i>ReferenceDocumentType</i> ) responseStatusType ( <i>ResponseStatusListType</i> ) buyer ( <i>PartyIdentificationType</i> ) seller ( <i>PartyIdentificationType</i> ) lastUpdate ( <i>date</i> ) contentVersion ( <i>VersionType</i> ) documentStructureVersion ( <i>VersionType</i> ) orderModification ( <i>OrderModificationType</i> ) orderResponseReasonCode ( <i>ErrorOrWarningListType</i> )		

## 5 References

This document is based on the following documents.

- [SA2003] Standards Australia 2003, Health Supply Chain Messaging Part 4: Dataset content – Secondary transactions, Standards Australia.
- [GS1-2009] GS1 2009, Business Message Standard (BMS) Order Response, BMS Release: 2.6, GS1.
- [SBDH2007] GS1 2007, Standard Business Document Header (SBDH) Technical Implementation Guide, Release: 1.3, GS1.
- [EPTA2007] NEHTA 2007, E-Procurement Technical Architecture; Version 1.0, NEHTA