

EAN.UCC XML  
Business Message  
Standard For  
Order

Version 1.3.1

November 2003



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## **Purpose**

The purpose of this Business Message Standard is to provide the necessary information to implement this message as part of the EAN.UCC System. The information contained within this document is a direct result of the work conducted by the EAN.UCC's Order Business Requirements Group.

The content of this document is actually a collection of material from several different sources to create a single source of information that will provide the necessary basics to understand and implement this EAN.UCC Business Message Standard. The core of this document originates from the Business Requirements Document that is created by the Business Requirements Groups to define the business needs that are to be addressed by this Message. The document then provides the technical details needed to implement the message: a report from the Global Data Dictionary, StyleSheet and Instance File.

This Business Message Standard is meant to be used in conjunction with the EAN.UCC XML Schemas that are available on the EAN and UCC websites. The implementer of these standards needs to be aware of the interrelationship amongst the XML Schemas and the importance of using only interoperable versions.

The reader will notice as they progress through this document that there are several different 'levels' of information that is presented. We begin with the business rationale for the message and then move into the technical details of how and what is needed to exchange this message. This design is deliberate to reach the broadest audience and to meet their needs. Based upon the reader's experience and intentions, specific sections of this document may be more valuable than others. This design and content of this document is based upon the direct feedback from our user community and as such, we are constantly revising and refining how and what we present.

**Background:**

<b>EAN.UCC Business Message Standard:</b>	<a href="#">Order</a>	
<b>Business Requirement Group:</b>	<a href="#">Order</a>	
<b>Business Requirement Document:</b>	<a href="#">Order</a>	
<b>Business Requirements Group Manager:</b>	<a href="#">Maria Victoria Caro</a>	<a href="#">IAC Colombia</a>
<b>Global Data Dictionary:</b>	<a href="#">EAN.UCC Global Data Dictionary v1.3.1</a>	
<b>Schemas:</b>	<a href="#">EAN.UCC Schemas v1.3.1</a>	
<b>Schemas have been tested on Parser(s) and Version(s):</b>	<a href="#">XML Spy Version 4.4, Xerces, XSV</a>	

**Business Requirements  
Group  
(BRG)**

**Business Requirements  
Document For  
Order**

**Version 1.4.3**

**October 29, 2003**

### Change Request Reference

<b>Refer to Change Request (CR) Number(s):</b>	
<b>CR Submitter(s):</b>	
<b>Date of CR Submission to GSMP:</b>	

### DOCUMENT HISTORY

<b>Document Number:</b>	
<b>Document Version:</b>	1.4.3
<b>Document Date :</b>	October 29, 2003

### Document Summary

<b>Document Title:</b>	<b>Order</b>
<b>Owner:</b>	BRG: Order Chairperson: William Purnell (Foot Locker, Inc.) and Steve Wilhoit (Eveready Battery Company)
<b>Status:</b>	( <i>check one box</i> ) <input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> Approved
<b>BRD Template Version:</b>	1.1

### Document Change History

Date of Change	Version	Reason for Change	Summary of Change	Model Build #	
April 18, 2003	1.3	Harmonization version 1.3			
May 20, 2003	1.3.1	Incorporate Comments as a result from the voting, discussion on the teleconference and in the Meeting in Orlando (Excel file Consolidated Comments vote core Order v.1.3 20030523)	Clarifications on the descriptions of the classes on the text Consistencies with the text and the diagrams Change in the diagram according to the business needs Change in names of the classes for more clarification related with the content Corrections in typos Corrected Order and created new Order Common classes		
June 18, 2003	1.3.2	Incorporate decisions on the teleconference of June 11 <sup>th</sup>	Business requirements gathering regarding party and dates identification.		
June 23, 2003	1.3.3	Model decisions of the teleconference of June 11 <sup>th</sup>	Altered Order Common Class diagram and adjusted requirements.		

Date of Change	Version	Reason for Change	Summary of Change	Model Build #	
June 25, 2003	1.3.4	Incorporate the decisions made in the June 25 <sup>th</sup> Order conference call.	Clarify the definition of Ship Date Range. Added the Bill to role to the Order Party Information common class. Adjusted Order Logistical Information class diagram based on new requirements.		
July 16, 2003	1.3.5	Incorporate the decisions made in the July 9 <sup>th</sup> Order conference call	The Purchase Order Date will not be identify.		
July 23, 2003	1.3.6	Clarifications of the use of Allowances and Charges	Description of possible scenarios to use Allowances and Charges		
August 5, 2003	1.3.7	Request from ITRG	Convert BMS extract document into BRD format		
August 8, 2003	1.3.8	Editorial changes	Corrected editing errors		
August 8, 2003	1.3.9	Table of contents out of sync with document	Updated the table of contents		
August 20, 2003	1.4.0	Document approved by Order BRG	Changed version number and marked document as approved		
September 18, 2003	1.4.1	Separate message components that are documented in stand alone BRDs.	Removed the Allowance Charge Class Diagram and Payment Terms Class Diagrams. These message components are defined in their own BRDs. This allows them to mature (via Change Requests) independently of the Order BRD.		
October 1, 2003	1.4.2	Order Class diagram does not match text of BRD	Replaced Order and Order common class diagrams to match text of document.		
October 29, 2003	1.4.3	Request from ITRG	Changes to text to align with class diagrams		

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## 1.0 General Information

### 1.1 Problem Statement / Business Need

The Order provides the ability for a buyer to order specified quantities of goods and services from a seller for a single shipment to or from a single location.

The Order may be used alone when the buyer and seller have aligned data such as parties, item, pricing, payment terms, etc., prior to order creation. When full data alignment has not occurred, one or more extensions will be applied to the Order to provide the needed functionality.

In simple electronic business (Simple-eb), the order is kept simple by including only those elements required in an order, relying on the pre-alignment of Item and Party data. In addition, the whole process is simplified by having one order placed for one delivery for one location at one time.

### 1.2 Objective

The objective is to incorporate the Order message into the EAN.UCC System.

### 1.3 Audience

The audience for this document is the global business community.

### 1.4 Artefacts

Artefact name	Artefact description

### 1.5 References

EAN.UCC Extract Business Message Standard for Core Order: Version 1.3.6, July 2003

## 1.6 Acknowledgements

### 1.6.1 BRG Members

Function	Name	Company / Organization
BRG Chair	Bill Purnell	Foot Locker
BRG Member	Alice Agumon	GENCOD – EAN France
BRG Member	Branko Safaric	EAN Slovenia
BRG Member	Brendon Beumer	Royal Ahold
BRG Member	Caren Kaegebein	VF Corporation
BRG Member	Don Weston	Pfizer Canada
BRG Member	Dorien Mouthaan	EAN Netherlands
BRG Member	Frank Kuhlmann	CCG – EAN Germany
BRG Member	Frederico Cunha	EAN Brasil
BRG Member	Johnny Tang	HKANA – EAN Hong Kong
BRG Member	Lonnie Stauffer	Fleming Companies
BRG Member	Marcelo Alonso	CODIGO – EAN Argentina
BRG Member	Massimo Bolchini	INDICOD – Ean Italy
BRG Member	Naoto Sakamoto	DCC - EAN Japan
BRG Member	Steve Shiovitz	Levi Strauss & Co
BRG Member	Steve Wilhoit	Eveready Battery Company
BRG Member	Thomas Moriarty	JC Penney Co. Inc

### 1.6.2 Task/Project Group Participants (where applicable)

Function	Name	Company / Organization
BRG Participant	Geoff Mack	Furnish Net
BRG Participant	Stef Spaan	EAN Netherlands
BRG Participant	Angela Morehead	Tractor Supply Company
BRG Participant	Craig Alan Repec	CCG – EAN Germany
BRG Participant	Debbie Nyquist	Nordstrom, Inc.
BRG Participant	Stef Spaan	EAN Netherlands
BRG Participant	Arjen Kranendonk	Albert Heijn

### 1.6.3 Global Business Process Modellers (GBPM)

Function	Name	Organization
Modeller	Bob Celeste	UCC

## 2.0 Business Process View

### 2.1 Requirements

#### 2.1.1 Business Requirements

Requirement Number	Statement
<b>1</b>	An Order must include the identity of a ship from party or a ship to party or both.
<b>2</b>	If the Allowances and Charges are pre-aligned, there is no need to include the Allowances and Charges in the Order. <i>Also, see requirement #5.</i>

Requirement Number	Statement
<b>3</b>	If the Allowances and Charges are not pre-aligned. The Allowances and Charges could be sent within the order. <i>Also, see requirement #5.</i>
<b>4</b>	If the Allowances and Charges are pre-aligned and the sender needs to overwrite them or send additional Allowances and Charges; the Allowances and Charges could be included in the order. <i>Also, see requirement #5.</i>
<b>5</b>	The net price is inclusive of all Allowance and Charges.
<b>6</b>	<p>An order must contain one and only one of the following dates or ranges:</p> <p>Requested Delivery Date</p> <p>Delivery Date Range</p> <ul style="list-style-type: none"> <li>○ Earliest Delivery Date</li> <li>○ Latest Delivery Date</li> </ul> <p>Requested Ship Date</p> <p>Ship Date Range</p> <ul style="list-style-type: none"> <li>○ Earliest Ship Date</li> <li>○ Latest Ship Date</li> </ul> <p>Requested Pickup Date</p>
<b>7</b>	An Order must contain the identification of the buyer, the seller and it may contain identification of the bill to party.

### 2.1.2 Technical Requirements (optional)

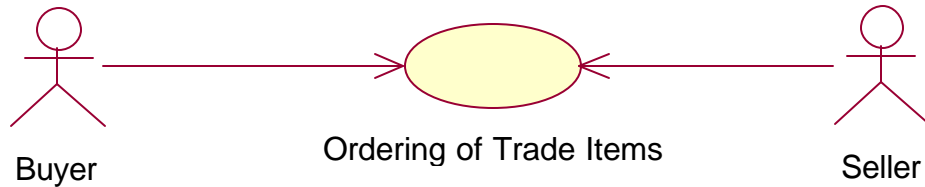
Requirement Number	Statement
(Sequential number)	

### 2.2 Use Case Actor Descriptions

Actor	Description
Buyer	The purchaser of Trade Items.
Seller	The party that has Trade Items for sale.

## 2.3 Use Case Scenario

### 2.3.1 Use Case Diagram



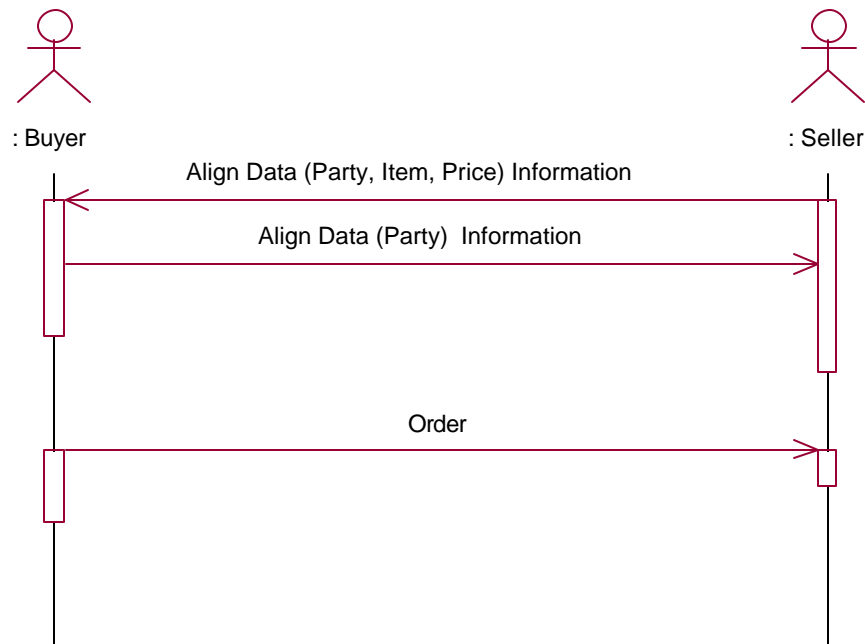
### 2.3.2 Use Case Description

<b>Use Case Name</b>	Ordering of Trade Items
<b>Use Case Description</b>	This Use Case provides the ability for a buyer to order specified quantities of goods and services from a seller for a single shipment to or from a single location.
<b>Actors</b>	Buyer, Seller
<b>Preconditions</b>	The Buyer and Seller have aligned Party and Item information.
<b>Post conditions</b>	Success: The Seller has received the Order sent by the Buyer. Failure: The Seller hasn't received the Order sent by the Buyer.
<b>Scenario</b>	<p><b>Begins when...</b> the Buyer sends the Order to the Seller.</p> <p><b>Continues with ...</b></p> <div><b>Step #</b> <b>Actor</b> <b>Activity Step</b></div> <p><i>(Sequential number)</i></p> <p><b>Ends when...</b> the Seller receives the Order.</p>

<b>Alternative Scenario</b>	<p>The Seller may send an acknowledgement as receipt of the message to the Buyer and in addition, the Seller may send a Response back to the Buyer (see Order Response Business Requirement Document), no steps.</p> <div> <div>Step #</div> <div>Actor</div> <div>Activity Step</div> </div> <p>(<i>Sequential number</i>)</p>
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## 2.4 Activity Diagram (*optional*)

## 2.5 Sequence Diagram – Ordering of Trade Items



**Figure 1 - Ordering of Trade Items Sequence Diagram**

### 3.0 Data View

#### 3.1 Data View

##### *Data Description*

Data Name	Definition	Mandatory/Optional/C hoice
<b>Order</b>	<p>The Order provides the ability for a buyer to order specified quantities of goods and services from a seller for a single shipment to or from a single location.</p> <ol style="list-style-type: none"> <li>1) Order is the root of the class diagram.</li> <li>2) This Order inherits attributes from the Document class.</li> <li>3) There is one mandatory association to the Entity Identification class to uniquely identify the order document with a role of order identification.</li> <li>4) There is a mandatory association with possible multiple occurrences to Order Line Item with a role of line item.</li> <li>5) There is a mandatory association to Order Logistical Information class.</li> <li>6) There is a mandatory association to Order Party Information class.</li> <li>7) There are optional associations with possible multiple occurrences to Allowance Charge and Payment Terms classes.</li> <li>8) Order class has no attribute.</li> </ol>	<b>Mandatory</b>
<b>Order Line Item</b>	<ol style="list-style-type: none"> <li>1) Order Line Item inherits attributes from the Simple Order Line Item class.</li> <li>2) There is an optional association with possible multiple occurrences to Allowance Charge class.</li> <li>3) Order Line Item class has no attribute.</li> </ol>	<b>Mandatory</b>
<b>Order Logistical Information</b>	<p>The Order Logistical Information contains in the Order the information related with the dates and destinations of the goods or services. The buyer will specify either the Deliver or Pickup information with the correspondent dates and locations.</p>	<b>Mandatory</b>

Data Name	Definition	Mandatory/Optional /Choice
<b>Order Logistical Date Group</b>	This data class is used to separate the date choices from the ship from/to choices.	<b>Mandatory</b>
<b>Order Delivery Information</b>		<b>Choice</b>
<b>Requested Delivery Date</b>	The date on which the order is requested to be delivered.	<b>Mandatory if “Order Delivery Information” is chosen</b>
<b>Order Delivery Date Range</b>	The earliest and latest dates that the buyer will accept delivery.	<b>Choice</b>
<b>Earliest Delivery Date</b>	The earliest date that the buyer will accept delivery.	<b>Mandatory if “Order Delivery Date Range” is chosen</b>
<b>Latest Delivery Date</b>	The latest date that the buyer will accept delivery.	<b>Mandatory if “Order Delivery Date Range” is chosen</b>
<b>Order Ship Information</b>		<b>Choice</b>
<b>Requested Ship Date</b>	The date on which the order is requested to be shipped or dispatched by the supplier.	<b>Mandatory if “Order Ship Information” is chosen</b>
<b>Order Ship Date Range</b>	The earliest and latest dates that supplier will ship or dispatch the order.	<b>Choice</b>
<b>Earliest Ship Date</b>	The earliest date that supplier will ship or dispatch the order.	<b>Mandatory if “Order Ship Date Range” is chosen</b>
<b>Latest Ship Date</b>	The latest date that supplier will ship or dispatch the order.	<b>Mandatory if “Order Ship Date Range” is chosen</b>
<b>Order Pickup Information</b>		<b>Choice</b>
<b>Requested Pickup Date</b>	The date on which the order is requested to be available for pickup at the seller’s location.	<b>Mandatory if “Order Pickup Information” is chosen</b>



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<b>Order Logistical Information</b>	<ol style="list-style-type: none"><li>1. There is a choice with the internal class Ship To Logistics that has a mandatory association with the role ship to with the external class Party Identification and an optional relation with the role ship from with the external class Party Identification.</li><li>2. There is a choice with the internal class Ship From Logistics that has a mandatory association with the role ship from with the external class Party Identification and an optional relation with the role ship to with the external class Party Identification.</li></ol>	<b>Mandatory</b>
<b>Ship to Logistics</b>	Allows a ship to party and an optional ship from party to be included in the Order.	<b>Choice</b>
<b>Ship from Logistics</b>	Allows a ship from party and an optional ship to party to be included in the Order.	<b>Choice</b>

Data Name	Definition	Mandatory/Optional /Choice
<b>Simple Order Line Item</b>	<ol style="list-style-type: none"> <li>1. This external class originates from Order Common.</li> <li>2. There is a mandatory association with the external class Trade Item Identification</li> <li>3. It inherits attributes from the external class Line Item</li> <li>4. The class contains two attributes: Requested Quantity (mandatory) Net Price (optional)</li> </ol>	<b>Mandatory</b>
<b>Requested Quantity</b>	The quantity of Trade Item within this line item.	<b>Mandatory</b>
<b>Net Price</b>	The price of the Trade Item inclusive of all allowance and charges.	<b>Optional</b>
<b>Order Party Information</b>	<p>The Order Party Information contains in the Order the information related with the Parties involve in the process: the buyer, the seller and the bill to (when the buyer is not the party who will pay for the order).</p> <ol style="list-style-type: none"> <li>1) The external class originates from Order Common.</li> <li>2) The Order Party Information for the order is mandatory.</li> <li>3) There is a mandatory relation with the role seller to the external class Party Identification.</li> <li>4) There is a mandatory relation with the role buyer to the external class Party Identification.</li> <li>5) There is an optional relation with the role bill to, to the external class Party Identification.</li> </ol>	<b>Mandatory</b>
<b>Payment Terms</b>	<ol style="list-style-type: none"> <li>1) The external class originates from Payment Terms.</li> <li>2) Payment Terms for the Order is optional with possible multiple occurrences.</li> <li>3) The class contains no attributes.</li> </ol>	<b>Optional</b>
<b>Entity Identification</b>	<ol style="list-style-type: none"> <li>1) This external class originates from Entity Identification</li> <li>2) There is a mandatory relation with the role contentOwner to the external class PartyIdentification.</li> <li>3) The class contains one attribute (Unique Creator Identification)</li> </ol>	<b>Mandatory</b>

Data Name	Definition	Mandatory/Optional /Choice
<b>Document</b>	<ol style="list-style-type: none"> <li>1) This external class originates from Document.</li> <li>2) It contains four attributes.            Creation Date (Mandatory): This is the date the message was created. The format is 'YYYY-MM-DDTHH:MM:SS'. This date is recommended to use as technical information. This date shouldn't be use to identify the Purchase Order Date.            Content Version (Optional): This is a version number for the content of the document.            Document Structure Version (Optional): This is a version number for the structure of the document            Last Update Date (Optional): This is the last update date for the specific document. The format is 'YYYY-MM-DD'</li> </ol>	<b>Mandatory</b>
<b>Allowances and Charges</b>	<ol style="list-style-type: none"> <li>1) This external class originates from Allowance Charge.</li> <li>2) The Allowance Charge for the order is optional with possible multiple occurrences.</li> <li>3) The class contains two attributes            Description            Sequence Number</li> </ol>	<b>Optional</b>

### 3.1.2 Class Diagram For Order

#### Business Process: Order:

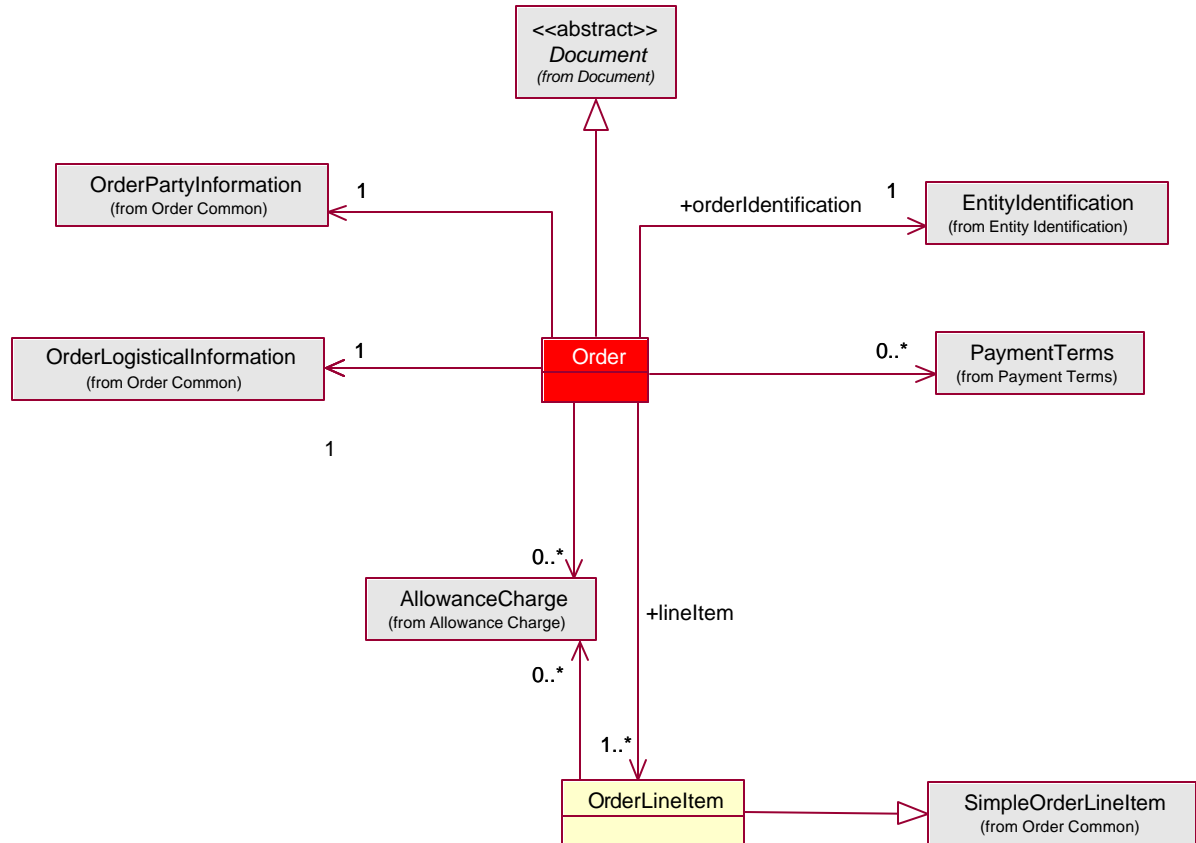


Figure 2 - Order Class Diagram

### 3.1.3 Class Diagram For Order Common

#### Business Process: Order: Order Common

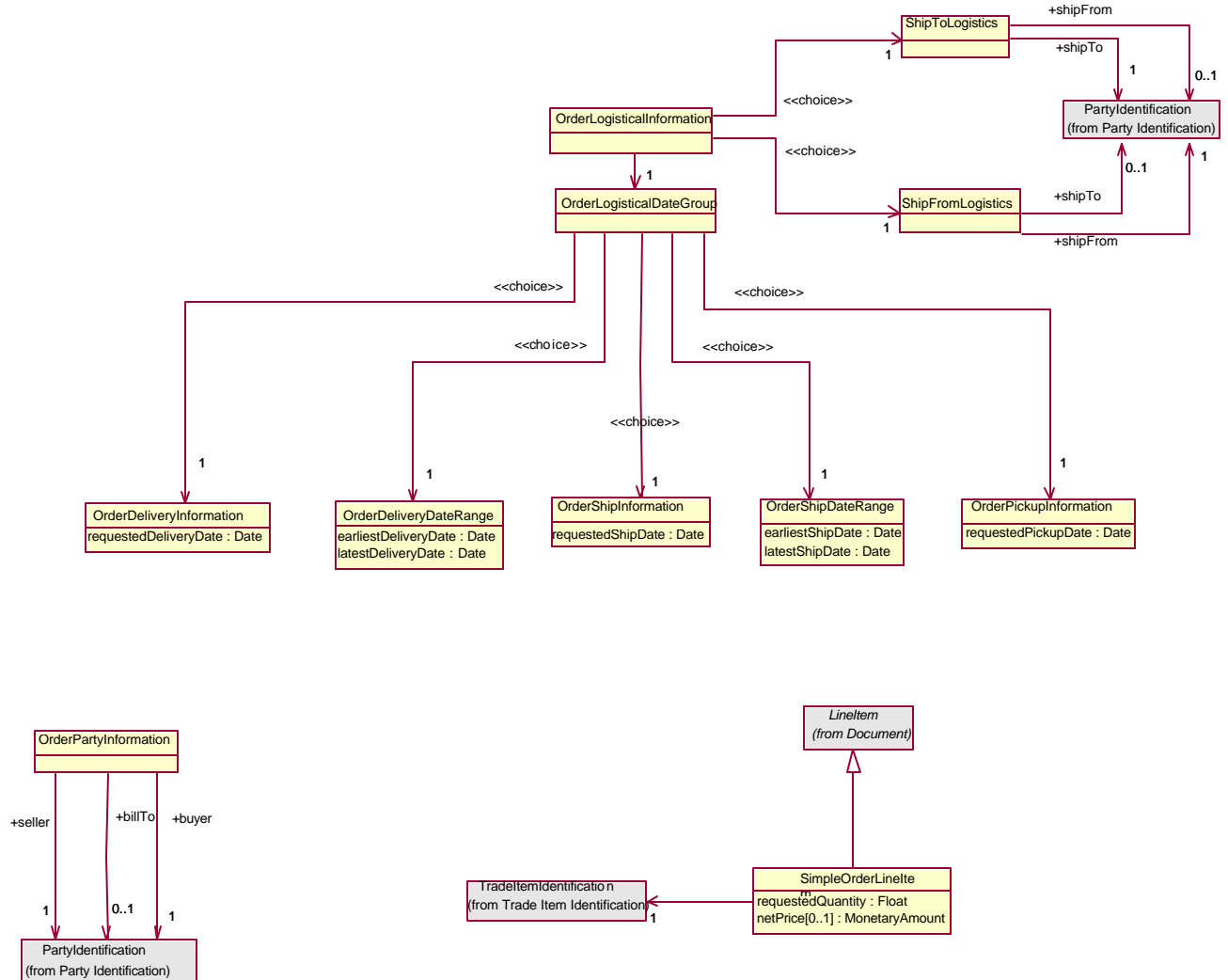


Figure 3 - Order Common Class Diagram

### 3.1.4 Class Diagram For Order Document

#### Common Library: Common: Components: Document

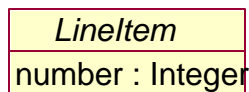
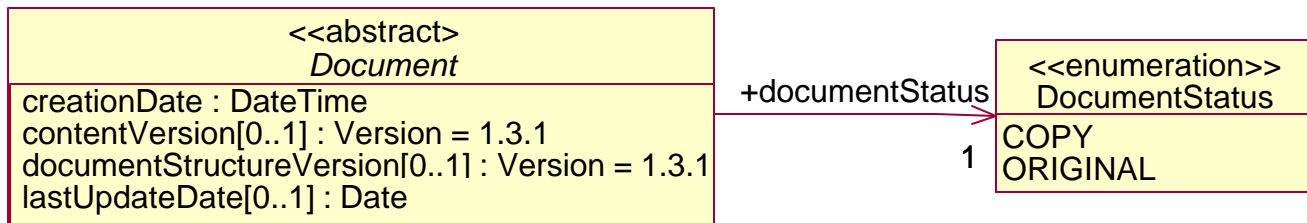


Figure 4 - Document Class Diagram

### 3.1.5 Class Diagram For Order Entity Identification

#### Common Library: Common: Identification: Entity Identification

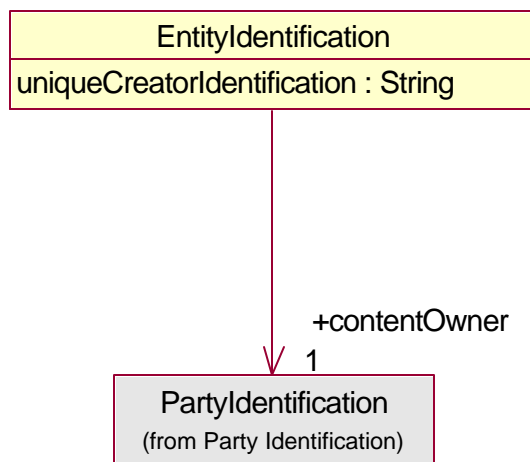


Figure 5 - Entity Identification Class Diagram

### 3.1.6 Class Diagram For Order Party Identification

#### Common Library: Common: Identification: Party

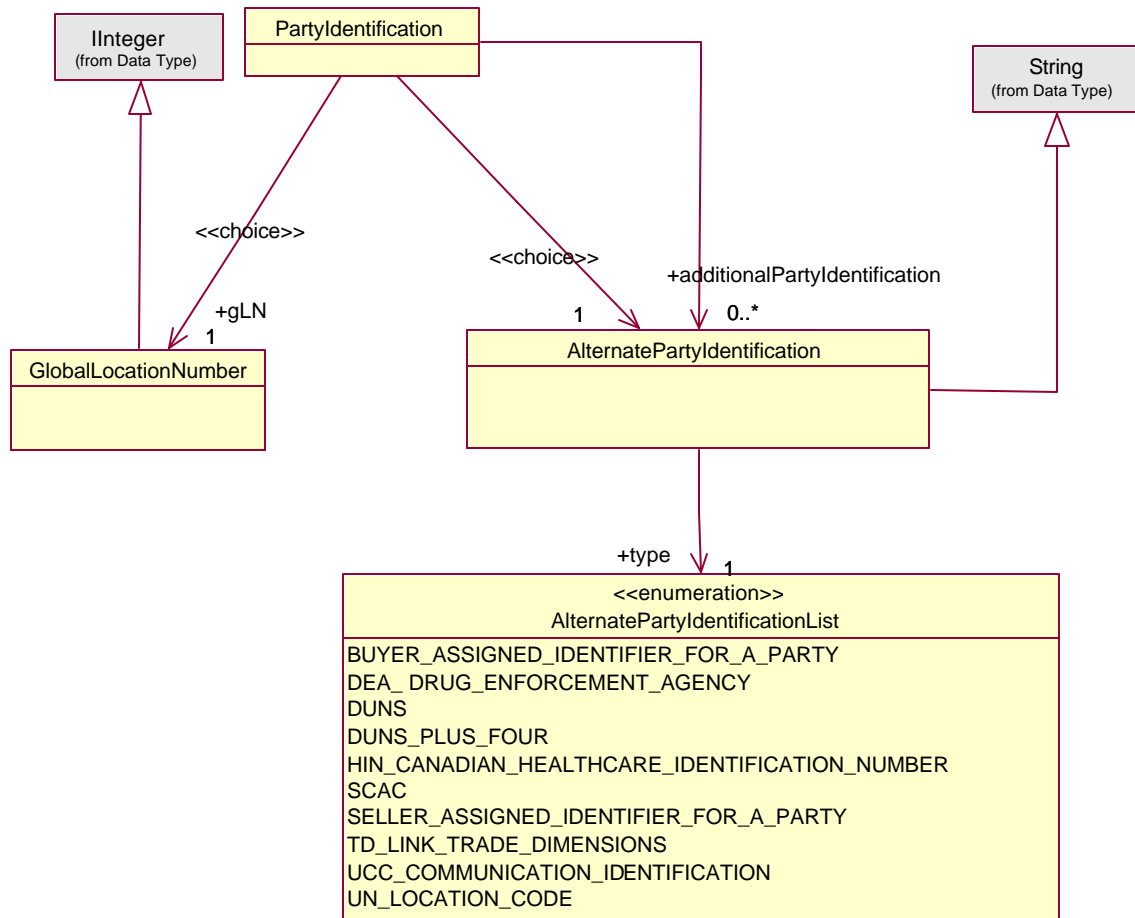


Figure 6 - Party Identification Class Diagram

## 3.1.7 Class Diagram For Order Trade Item Identification

## Common Library: Common: Identification: Trade Item Identification

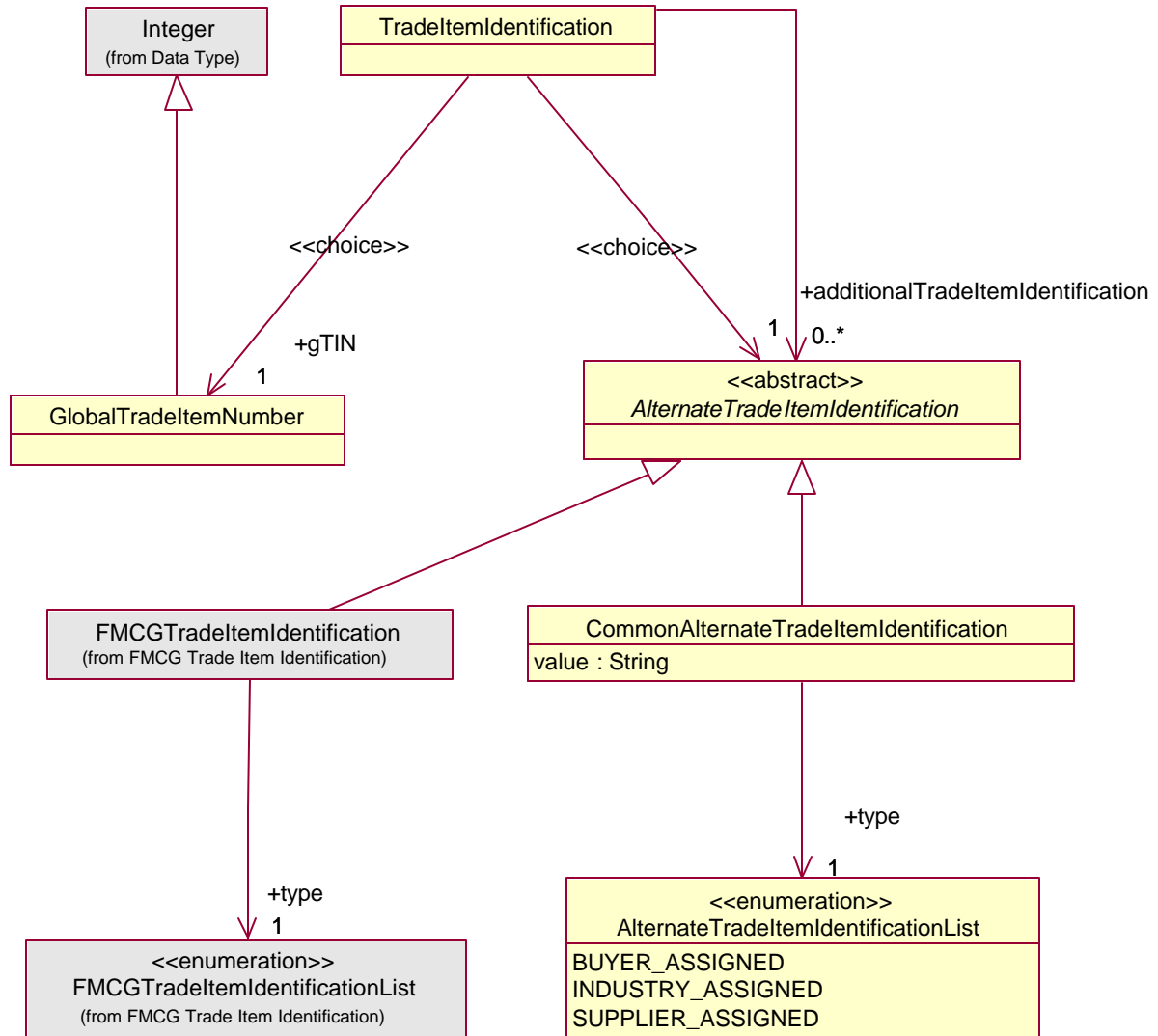
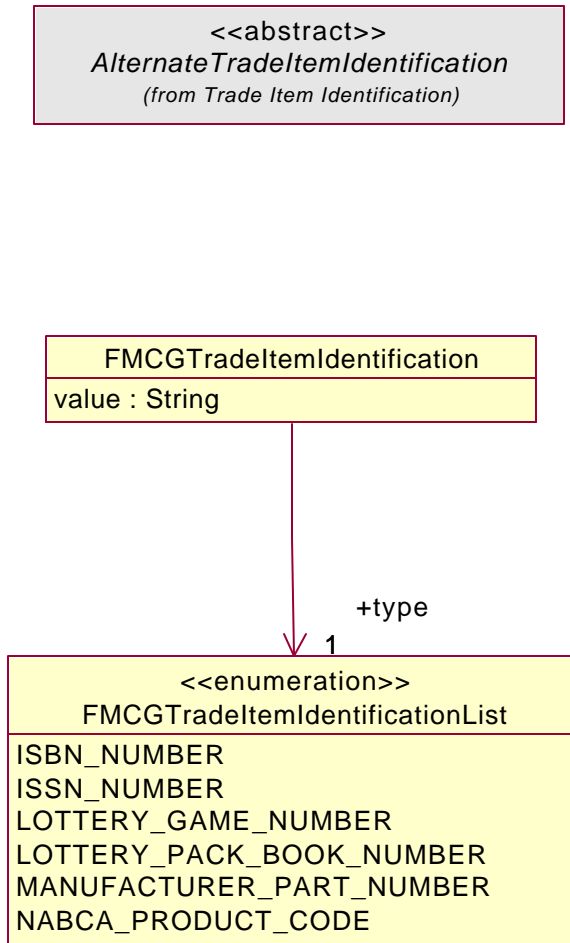


Figure 7 - Trade Item Identification Class Diagram



### 3.1.8 Class Diagram For Order FMCG Trade Item Identification

#### Extension: FMCG: FMCG Trade Item Identification



**Figure 8 – FMCG Trade Item Identification Class Diagram**

### **3.1.9 Class Diagram For Order Allowance Charge**

Note: Please see the latest Allowance Charge Business Requirements Document (BRD) for Class Diagram(s) and definition of this message component.

**Figure 9 – Allowance Charge Class Diagram**

### **3.1.10 Class Diagram For Order Payment Terms**

Note: Please see the latest Payment Terms Business Requirements Document (BRD) for Class Diagram(s) and definition of this message component.

**Figure 10 – Payment Terms**

## Style Sheet

### Description

This HTML has been created using a Style Sheet that is a visual representation of the data. It is not an actual Style Sheet, but an example of what a Style Sheet may look like.

### HTML Example

<b>Message MSG-123</b>			
<b>Creation Date</b>	November 03, 2003 12:00:00	<b>Representing Party</b>	5412345000013
<b>Msg From Party</b>	5412345000013	<b>Msg To Party</b>	4012345500004

<b>Transaction</b>	<b>Creator ID = 5412345000013</b>	<b>Content Owner = 5412345000013</b>
--------------------	-----------------------------------	--------------------------------------

<b>Command ADD</b>	<b>Creator ID = 5412345000013</b>	<b>Content Owner = 5412345000013</b>
--------------------	-----------------------------------	--------------------------------------

<b>Order Document</b>	<b>Creator ID = 5412345000013</b>	<b>Content Owner = 5412345000013</b>
-----------------------	-----------------------------------	--------------------------------------

#### Document Information

<b>Creation Date</b>	November 03, 2003 12:13:14	<b>Last Update Date</b>	November 03, 2003
<b>Content Version</b>	1.3.1	<b>Doc Structure Version</b>	1.3.1
<b>Status</b>	ORIGINAL		

#### Order Party Information

<b>Seller</b>	4012345500004	<b>Buyer</b>	5412345000013
<b>Bill To</b>			

#### Order Logistical Information

##### Ship To Logistics

<b>Ship To</b>	5412345000235	<b>Ship From</b>	
----------------	---------------	------------------	--

##### Order Delivery Date Range

<b>Earliest Delivery Date</b>	November 10, 2003	<b>Latest Delivery Date</b>	November 13, 2003
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#### Order Line Item 1

<b>Requested Quantity</b>	48	<b>Net Price</b>	14.58 USD
<b>Trade Item</b>	40008621414004		
<b>Allowances and Charges</b>			

## Global Data Dictionary

## Order Class Data Descriptions v1.3.1

Class Name	Role Name	Enumerated Value for List Class	Attribute Name	Description	Min/Max Size	M/O	EAN.UCC XSD
AlternatePartyIdentification				Only one primary party identifier is used for each party. If an alternate identifier, other than GLN is used, there is no guarantee of data integrity across the process. It is the responsibility of the company electing the choice to ensure data integrity.		CM	Identification
	additionalPartyIdentification					O	
AlternatePartyIdentificationList	type			Only one primary party identifier is used for each party. If an alternate identifier, other than GLN is used, there is no guarantee of data integrity across the process. It is the responsibility of the company electing the choice to ensure data integrity.		M	Identification
		BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY		This optional code will be used for cross-reference on a one-to-one relationship.			
		DEA_DRUG_ENFORCEMENT_AGENCY		This optional code will be used for cross-reference on a one-to-one relationship.			
		DUNS		This optional code will be used for cross-reference on a one-to-one relationship.			
		DUNS_PLUS_FOUR		This optional code will be used for cross-reference on a one-to-one relationship.			
		HIN_CANADIAN_HEALTHCARE_IDENTIFICATION_NUMBER		This optional code will be used for cross-reference on a one-to-one relationship.			
		SCAC		This optional code will be used for cross-reference on a one-to-one relationship.			

Class Name	Role Name	Enumerated Value for List Class	Attribute Name	Description	Min/Max Size	M/O	EAN.UCC XSD
		SELLER_ASSIGNED_IDENTIFIER_FOR_A_PARTY		This optional code will be used for cross-reference on a one-to-one relationship.			
		TD_LINK_TRADE_DIMENSIONS		This optional code will be used for cross-reference on a one-to-one relationship.			
		UCC_COMMUNICATION_IDENTIFICATION		This optional code will be used for cross-reference on a one-to-one relationship.			
		UN_LOCATION_CODE		This optional code will be used for cross-reference on a one-to-one relationship.			
AlternateTradeItemIdentification	additionalTradeItemIdentification					CM	Identification
AlternateTradeItemIdentificationList	type					M	Identification
		BUYER_ASSIGNED		Buyer assigned			
		INDUSTRY_ASSIGNED		Industry assigned			
		SUPPLIER_ASSIGNED		Supplier assigned			
CommonAlternateTradeItemIdentification							Identification
			value	String	1/80	M	
Document				This class is used to specify the basic information about the context of the message.		M	Components
			creationDate	DateTime		M	
			contentVersion	Version = 1.3		O	
			documentStructureVersion	Version = 1.3		O	
			lastUpdateDate	Date		O	
DocumentStatusList	documentStatus			Indicates if the document is a copy or an original.		M	Components
		COPY		A copy of the original document			

Class Name	Role Name	Enumerated Value for List Class	Attribute Name	Description	Min/Max Size	M/O	EAN.UCC XSD
		ORIGINAL		The original document			
EntityIdentification	orderIdentification			This external class originates from Entity Identification The unique identification for the settlement and reference identification is mandatory.		M	Order
			uniqueCreatorIdentification	String	1/80	M	
FMCGTradeItemIdentification						M	FMCGIdentification
			value	String	1/80	M	
FMCGTradeItemIdentificationList	type					M	FMCGIdentification
		ISBN_NUMBER		ISBN number			
		ISSN_NUMBER		ISSN number			
		LOTTERY_GAME_NUMBER		Lottery game number			
		LOTTERY_PACK_BOOK_NUMBER		Lottery packbook number			
		MANUFACTURER_PART_NUMBER		Manufacturer part number			
		NABCA_PRODUCT_CODE		NABCA product code			
GlobalLocationNumber	gLN			The Global Location Number (GLN) is a structured Identification of a physical location, legal or functional entity within an enterprise. The GLN is the recommended primary party identifier.		CM	Identification
GlobalTradeItemNumber	gTIN					CM	Identification
LineItem				This external class originates from Document. Settlement Line Item class inherits from the Line Item.		M	Components
			number	This is the line item number represented in Integer		M	

Class Name	Role Name	Enumerated Value for List Class	Attribute Name	Description	Min/Max Size	M/O	EAN.UCC XSD
Order				<p>The Order provides the ability for a buyer to order specified quantities of goods and services from a seller for a single shipment to or from a single location.</p> <ol style="list-style-type: none"> <li>1) Order is the root of the class diagram.</li> <li>2) This Order inherits attributes from the Document class.</li> <li>3) There is one mandatory association to the Entity Identification class to uniquely identify the order document with a role of order identification.</li> <li>4) There is a mandatory association with possible multiple occurrences to Order Line Item with a role of line item.</li> <li>5) There is a mandatory association to Order Logistical Information class.</li> <li>6) There is a mandatory association to Order Party Information class.</li> <li>7) There are optional associations with possible multiple occurrences to Allowance Charge and Payment Terms classes.</li> <li>8) Order class has no attributes.</li> </ol>			Order
OrderDeliveryDateRange				The earliest and latest dates that the buyer will accept delivery		CM	OrderComponentLibrary
			earliestDeliveryDate	The earliest date which the buyer will accept delivery.	Date	M	
			latestDeliveryDate	The latest date which the buyer will accept delivery.	Date	M	
OrderDeliveryInformation						CM	OrderComponentLibrary
			requestedDeliveryDate	The date on which the order is requested to be delivered.	Date	M	
OrderLineItem	lineItem			<ol style="list-style-type: none"> <li>1. Order Line Item inherits attributes from the Simple Order Line Item class.</li> <li>1. There is an optional association with possible multiple occurrences to Allowance Charge class.</li> <li>2. Order Line Item class has no attribute.</li> </ol>		M	Order

Class Name	Role Name	Enumerated Value for List Class	Attribute Name	Description	Min/Max Size	M/O	EAN.UCC XSD
OrderLogisticalDateGroup				This data class is used to separate the date choices from the ship from/to choices		M	OrderComponentLibrary
OrderLogisticalInformation				<ol style="list-style-type: none"> <li>1. There is a choice with the internal class Ship To Logistics that has a mandatory association with the role ship to with the external class Party Identification and an optional relation with the role ship from with the external class Party Identification.</li> <li>2. There is a choice with the internal class Ship From Logistics that has a mandatory association with the role ship from with the external class Party Identification and an optional relation with the role ship to with the external class Party Identification.</li> </ol>		M	OrderComponentLibrary
OrderPartyInformation				<p>The Order Party Information contains in the Order the information related with the Parties involve in the process: the buyer, the seller and the bill to (when the buyer is not the party who will pay for the order).</p> <ol style="list-style-type: none"> <li>1. The external class originates from Order Common.</li> <li>2. The Order Party Information for the order is mandatory</li> <li>3. There is a mandatory relation with the role seller to the external class Party Identification.</li> <li>4. There is a mandatory relation with the role buyer to the external class Party Identification.</li> <li>5. There is an optional relation with the role bill to, to the external class Party Identification.</li> </ol>		M	OrderComponentLibrary



Class Name	Role Name	Enumerated Value for List Class	Attribute Name	Description	Min/Max Size	M/O	EAN.UCC XSD
	billTo					O	
	buyer					M	
	seller					M	
OrderPickupInformation						CM	OrderComponentLibrary
			requestedPickupDate	The date on which the order is requested to be available for pickup at the seller's location.	Date	M	
OrderShipDateRange				The earliest and latest dates that supplier will ship or dispatch the order.		CM	OrderComponentLibrary
			earliestShipDate	The earliest date the supplier will ship or dispatch the order.	Date	M	
			latestShipDate	The latest date the supplier will ship or dispatch the order.	Date	M	
OrderShipInformation						CM	OrderComponentLibrary
			requestedShipDate	The date on which the order is requested to be shipped or dispatched by the supplier.	Date	M	
PartyIdentification	contentOwner			There is a choice of selecting either a GLN (Recommended) or Alternate Party Identification as your primary party identification. Additionally, optional party identification, which cannot be GLN may be included. For example you may select one GLN as your primary party identification with additional party identification (ie. GLN cross referenced to DUNS or you may select an alternate as your primary party identification with reference to additional party identification alternates). If you elect to use a DUNS number as your primary party identification, you may cross-reference this to another alternate number such as a buyer assigned customer number. However, again GLN may not be used as the additional alternate.		M	Identification

Class Name	Role Name	Enumerated Value for List Class	Attribute Name	Description	Min/Max Size	M/O	EAN.UCC XSD
	shipFrom					M	
	shipFrom					O	
	shipTo					M	
	shipTo					O	
ShipToLogistics				Allows a ship to party and an optional ship from party to be included in the Order.		CM	OrderComponentLibrary
ShipFromLogistics				Allows a ship from party and an optional ship to party to be included in the Order.		CM	OrderComponentLibrary
SimpleOrderLineItem				5. This external class originates from Order Common. 6. There is a mandatory association with the external class Trade Item Identification 7. There is a mandatory association with the external class Line Item 8. The class contains two attributes: ?? Requested Quantity (mandatory) ?? Net Price (optional)		M	OrderComponentLibrary
			requestedQuantity	Float		M	
			netPrice	Monetary amount		O	
TradeItemIdentification						M	Identification

## Instance File

### Description

The Instance File is an example of what the schema may look like when it includes live data. This can be used as comparison to a completed schema and can serve as a point of reference for development.

### Instance File Example One

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="../../4_XSL/Main.xsl"?>
<eanucc:envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:eanucc="http://www.ean-ucc.org/schemas/1.3.1/eanucc" xsi:schemaLocation="http://www.ean-ucc.org/schemas/1.3.1/eanucc ../2_XSD_PROXY/OrderProxy.xsd" communicationVersion="1.3.1">
  <messageHeader creationDate="2001-08-02T12:00:00">
    <userId>OJGROWER-12345</userId>
    <password>SECRET</password>
    <messageIdentifier>MSG-123</messageIdentifier>
    <to>
      <gln>0012345000065</gln>
    </to>
    <from>
      <gln>0614141000012</gln>
    </from>
    <representingParty>
      <gln>0012345000065</gln>
    </representingParty>
  </messageHeader>
  <body>
    <eanucc:transaction>
      <entityIdentification>
        <uniqueCreatorIdentification>OJGROWER-TRANS-12345</uniqueCreatorIdentification>
        <contentOwner>
          <gln>0614141000012</gln>
        </contentOwner>
      </entityIdentification>
      <command>
        <eanucc:documentCommand>
          <documentCommandHeader type="ADD">
            <entityIdentification>
              <uniqueCreatorIdentification>OJGROWER-ITEM-12345</uniqueCreatorIdentification>
              <contentOwner>
                <gln>0614141000012</gln>
              </contentOwner>
            </entityIdentification>
          </documentCommandHeader>
          <documentCommandOperand>
            <eanucc:order creationDate="2001-06-28T12:13:14" documentStatus="ORIGINAL" contentVersion="1.3.1" documentStructureVersion="1.3.1" lastUpdateDate="2001-06-28">
              <orderIdentification>
                <uniqueCreatorIdentification>OJGROWER-TRANS-12345</uniqueCreatorIdentification>
                <contentOwner>
                  <gln>0012345000065</gln>
                </contentOwner>
                <additionalPartyIdentification type="BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY">569M</additionalPartyIdentification>
              </orderIdentification>
            </eanucc:order>
          </documentCommandOperand>
        </eanucc:documentCommand>
      </command>
    </eanucc:transaction>
  </body>
</eanucc:envelope>
```

---

```

        </contentOwner>
    </orderIdentification>
    <orderPartyInformation>
        <seller>
            <gln>2654851249995</gln>
            <additionalPartyIdentification
type="BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY">sell67</additionalPartyIdentification>
            </seller>
            <billTo>
                <gln>4586263568945</gln>
                <additionalPartyIdentification type="BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY">bill to
87</additionalPartyIdentification>
            </billTo>
            <buyer>
                <gln>4547478596231</gln>
                <additionalPartyIdentification type="BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY">buy
836</additionalPartyIdentification>
            </buyer>
        </orderPartyInformation>
        <paymentTerms paymentTermsType="BASIC_(NET)"
paymentTermsEvent="ANTICIPATED_DELIVERY_DATE">
            <netPayment>
                <paymentTimePeriod>
                    <timePeriodDue timePeriod="DAYS">
                        <value>10</value>
                    </timePeriodDue>
                </paymentTimePeriod>
            </netPayment>
            <installmentDue>
                <percentageOfPaymentDue>3</percentageOfPaymentDue>
                <paymentTimePeriod>
                    <timePeriodDue timePeriod="DAYS">
                        <value>1</value>
                    </timePeriodDue>
                </paymentTimePeriod>
            </installmentDue>
            <discountPayment discountType="Str">
                <discountDescription>
                    <description language="en-us">
                        <text>Discount 50</text>
                    </description>
                </discountDescription>
                <paymentTimePeriod>
                    <timePeriodDue timePeriod="DAYS">
                        <value>1</value>
                    </timePeriodDue>
                </paymentTimePeriod>
            </discountPayment>
            <proximoCutOffDay>
                <value>1</value>
            </proximoCutOffDay>
        </paymentTerms>
        <allowanceCharge allowanceChargeType="ALLOWANCE_GLOBAL" sequenceNumber="1 "
allowanceOrChargeType="ALLOWANCE" settlementType="BILL_BACK" effectiveDateType="EFFECTIVE_DATE">
            <allowanceChargePriceBracket>
                <bracketIdentifier>1</bracketIdentifier>
            </allowanceChargePriceBracket>
            <monetaryAmountOrPercentage>
                <amount currencyISOCode="USD">1000</amount>
            </monetaryAmountOrPercentage>
            <baseAmount>
                <amount currencyISOCode="USD">100</amount>
            </baseAmount>
            <description>
                <description language="en-us">
                    <text>Text again</text>
                </description>
            </description>

```

---

```

        </description>
        </description>
    </allowanceCharge>
    <orderLogisticalInformation>
        <shipToLogistics>
            <shipTo>
                <gln>2654988326547</gln>
                <additionalPartyIdentification type="BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY">ship to
23</additionalPartyIdentification>
            </shipTo>
            <shipFrom>
                <gln>1546249995321</gln>
                <additionalPartyIdentification type="BUYER_ASSIGNED_IDENTIFIER_FOR_A_PARTY">ship from
455</additionalPartyIdentification>
            </shipFrom>
        </shipToLogistics>
        <orderLogisticalDateGroup>
            <orderDeliveryInformation>
                <requestedDeliveryDate>2003-08-13</requestedDeliveryDate>
            </orderDeliveryInformation>
        </orderLogisticalDateGroup>
    </orderLogisticalInformation>
    <lineItem number="1">
        <requestedQuantity>1000</requestedQuantity>
        <netPrice>
            <amount currencyISOCode="USD">500</amount>
        </netPrice>
        <tradeItemIdentification>
            <gtin>61414100539000</gtin>
        </tradeItemIdentification>
        <allowanceCharge allowanceChargeType="ALLOWANCE_GLOBAL" sequenceNumber="1"
allowanceOrChargeType="ALLOWANCE" settlementType="BILL_BACK" effectiveDateType="EFFECTIVE_DATE">
            <allowanceChargePriceBracket>
                <bracketIdentifier>10</bracketIdentifier>
            </allowanceChargePriceBracket>
            <monetaryAmountOrPercentage>
                <amount currencyISOCode="USD">400</amount>
            </monetaryAmountOrPercentage>
            <baseAmount>
                <amount currencyISOCode="USD">100</amount>
            </baseAmount>
            <description>
                <description language="en-us">
                    <text>Text Amount</text>
                </description>
            </description>
        </allowanceCharge>
    </lineItem>
    <lineItem number="2">
        <requestedQuantity>880</requestedQuantity>
        <netPrice>
            <amount currencyISOCode="USD">69553.26</amount>
        </netPrice>
        <tradeItemIdentification>
            <gtin>56494100539566</gtin>
        </tradeItemIdentification>
        <allowanceCharge allowanceChargeType="ALLOWANCE_GLOBAL" sequenceNumber="1"
allowanceOrChargeType="ALLOWANCE" settlementType="BILL_BACK" effectiveDateType="EFFECTIVE_DATE">
            <allowanceChargePriceBracket>
                <bracketIdentifier>77</bracketIdentifier>
            </allowanceChargePriceBracket>
            <monetaryAmountOrPercentage>
                <amount currencyISOCode="USD">70</amount>
            </monetaryAmountOrPercentage>
            <baseAmount>
                <amount currencyISOCode="USD">100</amount>
    
```

```

        </baseAmount>
        <description>
          <description language="en-us">
            <text>Text</text>
          </description>
        </description>
      </allowanceCharge>
    </lineItem>
  </eanucc:order>
</documentCommandOperand>
</eanucc:documentCommand>
</command>
</eanucc:transaction>
</body>
</eanucc:envelope>

```

## Instance File Example Two

```

<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="../../4_XSL/Main.xsl"?>
<eanucc:envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:eanucc="http://www.ean-ucc.org/schemas/1.3.1/eanucc" xsi:schemaLocation="http://www.ean-ucc.org/schemas/1.3.1/eanucc OrderProxy.xsd" communicationVersion="1.3.1">
  <messageHeader creationDate="2003-11-03T12:00:00">
    <userId>OJGROWER-12345</userId>
    <password>SECRET</password>
    <messageIdentifier>MSG-123</messageIdentifier>
    <to>
      <gln>4012345500004</gln>
    </to>
    <from>
      <gln>5412345000013</gln>
    </from>
    <representingParty>
      <gln>5412345000013</gln>
    </representingParty>
  </messageHeader>
  <body>
    <eanucc:transaction>
      <entityIdentification>
        <uniqueCreatorIdentification>5412345000013</uniqueCreatorIdentification>
        <contentOwner>
          <gln>5412345000013</gln>
        </contentOwner>
      </entityIdentification>
      <command>
        <eanucc:documentCommand>
          <documentCommandHeader type="ADD">
            <entityIdentification>
              <uniqueCreatorIdentification>5412345000013</uniqueCreatorIdentification>
              <contentOwner>
                <gln>5412345000013</gln>
              </contentOwner>
            </entityIdentification>
          </documentCommandHeader>
          <documentCommandOperand>
            <eanucc:order creationDate="2003-11-03T12:13:14" documentStatus="ORIGINAL" contentVersion="1.3.1" documentStructureVersion="1.3.1" lastUpdateDate="2003-11-03">
              <orderIdentification>
                <uniqueCreatorIdentification>5412345000013</uniqueCreatorIdentification>
                <contentOwner>
                  <gln>5412345000013</gln>

```

```
</contentOwner>
</orderIdentification>
<orderPartyInformation>
  <seller>
    <gln>4012345500004</gln>
  </seller>
  <buyer>
    <gln>5412345000013</gln>
  </buyer>
</orderPartyInformation>
<orderLogisticalInformation>
  <shipToLogistics>
    <shipTo>
      <gln>5412345000235</gln>
    </shipTo>
  </shipToLogistics>
  <orderLogisticalDateGroup>
    <orderDeliveryDateRange>
      <earliestDeliveryDate>2003-11-10</earliestDeliveryDate>
      <latestDeliveryDate>2003-11-13</latestDeliveryDate>
    </orderDeliveryDateRange>
  </orderLogisticalDateGroup>
</orderLogisticalInformation>
<lineItem number="1">
  <requestedQuantity>48</requestedQuantity>
  <netPrice>
    <amount currencyISOCode="USD">14.58</amount>
  </netPrice>
  <tradeItemIdentification>
    <gtin>40008621414004</gtin>
  </tradeItemIdentification>
</lineItem>
</eanucc:order>
</documentCommandOperand>
</eanucc:documentCommand>
</command>
</eanucc:transaction>
</body>
</eanucc:envelope>
```