

EAN.UCC XML
Business Message
Standard For
Warehouse Shipping 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 Deliver 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

EAN.UCC Business Message Standard:	Warehouse Shipping Order	
Business Requirement Group:	Deliver	
Business Requirement Document:	Warehouse Shipping Order	
Business Requirements Group Manager:	Philip Jerred	e.Centre
Global Data Dictionary:	EAN.UCC Global Data Dictionary v1.3.1	
Schemas:	EAN.UCC Schemas v1.3.1	
Schemas have been tested on Parser(s) and Version(s):	XML Spy Version 4.4, Xerces, XSV	

***Business Requirements Group
(BRG)***

**Business Requirements
Document For
WAREHOUSE SHIPPING ORDER**

Version 1.0.5

June 30, 2003

DOCUMENT HISTORY

Document Number:	1.0.5
Document Version:	1.0.5
Document Issue Date	June 30, 2003

Document Summary

Document Title	EAN•UCC – Business Requirements Document For “Warehouse Shipping Order”
Owner	Deliver BRG Doug Harness, Vice Chair Philip Jerred- BRG Manager philip.jerred@e-centre.org.uk
Status	ITRG Approved

Document Change History Log

Date of Change	Version	Reason for Change	Summary of Change	CCR #
May 7, 2002	0.0.0	Initial BRD for Deliver BRG review		01-000087
May 20, 2002	0.0.1	BRG manger's mark-ups	Document marked up with areas for change based on user group review meeting in Salt Lake City	01-000087
June 4, 2002	0.0.2	Incorporation of user group comments	Changed consignee & consignor to supplier & warehouse. Deleted cash on delivery details, amount, pallet type code list and method of payment. Added classes to provide for quantity requested, unit of measure item, lot number of item (multi lot numbers) and transaction type code list. Change class diagram references as needed.	01-000087
July 12, 2002	0.0.3	Incorporation of July 11, 2002 user group comments	Page 6 & 7) removed as many “source visibility labels from the use case diagrams as the tool would permit. Page 14) removed redundant diagram. Appendix 3) changed to show only the extended data types used in the root class diagram.	01-000087
September 4, 2002	1.0.0	Incorporated internal process review comments and set version to 1.0 to indicate	Class diagram, Appendix 1, was upgraded to incorporate latest, best modeling practices. Section 4 was revised to address the changes in class names. Appendices were	01-000087

		approval.	revised to reflect the current common classes. No business requirements were changed.	
September 12, 2002	1.0.1	Removed the acknowledgement from the BRD so the business process contains only one message	Changed 2.1.4 process end state. Removed 2.1.8.5 and 2.1.8.6. Changed diagram in 2.2.	01-000087
November 6, 2002	1.0.2	Incorporate ITRG and BRG approved comments.	Excluding minor editorial comments, the following were changed. 4.1 Dates are optional but based on trading partner agreement at least one date is mandatory. Appendix 1. Class named string was changed from mandatory to optional for role named lotNumberOfItem. 4.10 and Appendix 1. An attribute named Collect On Delivery has been added to the class named Transportation Method Type Code List. 4.11 Text has been expanded for clarity. Appendix 4. Line Item is now shown on this diagram.	
November 13, 2002	1.0.3	Incorporate ITRG recommendation	Refer to WSO ITRG Comments	
April 11, 2003	1.0.4	Harmonisation version 1.3		
June 30, 2003	1.0.5	Incorporate ITRG Harmonisation Comments	Replaced Warehouse Shipping Order, Entity Identification, and Measurement class diagram	

Approvals

Name	Title	Signature	Date

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Forward

The purpose of the Business Requirements Document is to document a process-to-data approach using the Unified Modeling Language (UML) notation. Processes and their business requirements are clearly understood because of the use of formal modeling with the UML models. Agreed to models permit the application of the data elements to support the processes. The biggest benefit of this process-to-data approach is the alignment of the model to fit the business need.

1.0 Business Opportunity

1.1 Introduction

Change Request #01-000087 has identified a need to develop a Warehouse Shipping Order, which handles order information from a supplier to a warehouse.

1.2 Problem Statement

A message is needed to pass order information from a supplier to a warehouse.

Typical messages are a request for shipment, a change to a shipment, a modification to a shipment, or the cancellation of a shipment.

This business requirements document addresses the request for shipment message.

Changes, modifications and cancellations of a shipment are beyond the scope of this document.

1.3 Audience

The audience for this document includes: supplier and warehouse.

1.4 References

- Change Request #01-000087
- Distribution Task Group Glossary
- BRG Deliver

1.5 Acknowledgements

Doug Harness
Regina A. De Baker
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K. Wayne Gingerich
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Johnsonville Sausage, L.L.C.
Best Buy Company, Inc.
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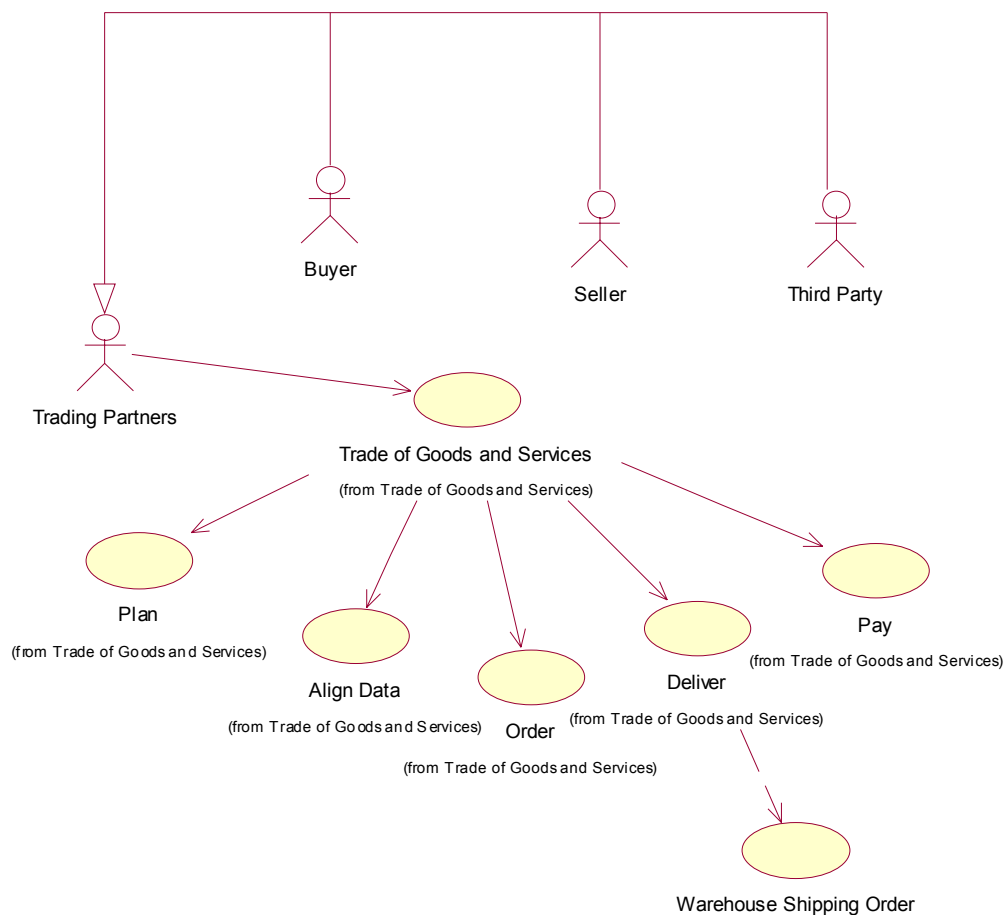
General Mills
CHEP
Arrow Products

2.0 Process View – General Requirements

The Supplier and the Warehouse must complete all their planning and data alignment activities. Then, together, they must be prepared to send and receive electronic transactions.

Goods from the supplier have been placed in a warehouse awaiting the request for shipment from the supplier.

The diagram below illustrates the position of the Warehouse Shipping Order within the overall EAN.UCC General Business Model.



2.1 Use Case Scenario: Warehouse Shipping Order



2.1.1 Business Opportunities/Problem Statement

The supplier has a need to ship goods from the warehouse and desires to use an electronic message to do this. This message is called a Warehouse Shipping Order.

2.1.2 Stakeholders: Actors

This is a two party system. The primary or human actors are Supplier and Warehouse.

2.1.3 Process Start State

Supplier has a need to ship goods from the warehouse.

2.1.4 Process End State

The Warehouse Shipping Order is received at the warehouse.

2.1.5 Preconditions

Goods are available in the warehouse and both parties have established their trading partner agreement, aligned their data, and are capable of sending and receiving transactions.

2.1.6 Successful End Condition

The warehouse receives a Warehouse Shipping Order.

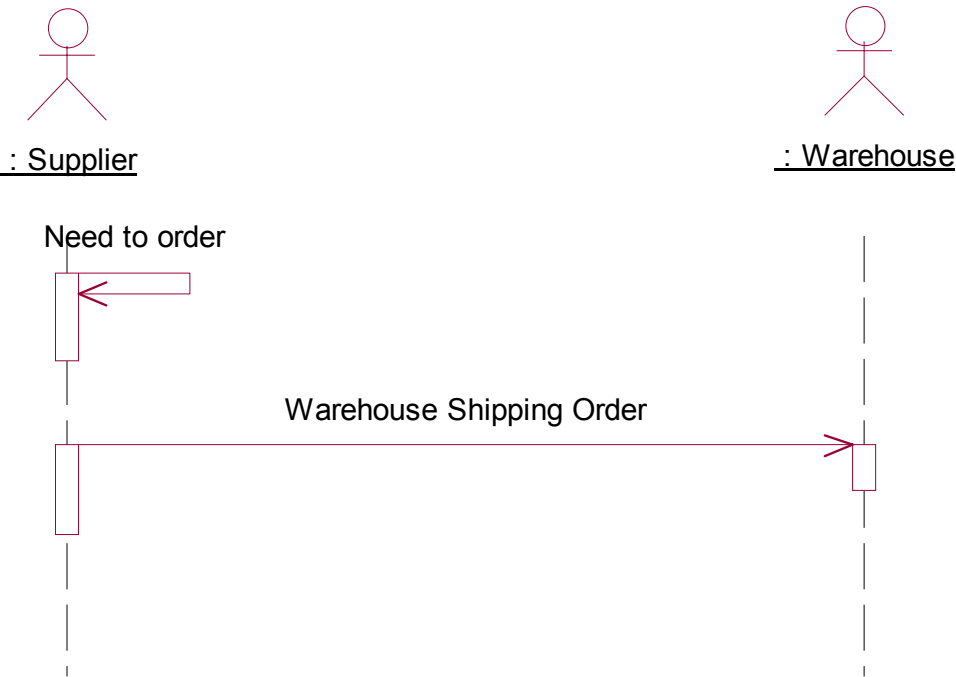
2.1.7 Failed End Condition

The warehouse does not receive the Warehouse Shipping Order.

2.1.8 Main Process Flow

1. Supplier recognizes a need to ship goods from the warehouse.
2. Supplier prepares the Warehouse Shipping Order.
3. Supplier sends the Warehouse Shipping Order.
4. Warehouse receives the Warehouse Shipping Order.

2.2 Sequence Diagram: Warehouse Shipping Order



3.0 Logical View

The class diagram for Warehouse Shipping Order, Appendix 1, uses color coding. Red is used to indicate the root class for these business requirements. Grey is used to indicate classes that are common to more than one class diagram, supporting the practice and benefits of class re-usability. Yellow is used to indicate classes that are specific at this time to the warehouse shipping order.

Additional class diagrams for common classes shown on Appendix 1 are also included as appendices for reference.

4.0 Warehouse Shipping Order

The following is a listing of the supporting data classes. These data classes are described in the sections below and are illustrated in the class diagrams included as appendices to this document. The class diagrams are provided as a reference to the reader.

- Date
- Description
- Document
- Entity Identification
- Line Item
- Measurement Value
- Party Identification
- Trade Item Identification
- Transportation Method Type Code List
- Warehouse Trade Item Description
- Warehouse Payment Method Code List
- Warehouse Shipping Order
- Warehouse Shipping Order Date

4.1 Date

This external class originates from Data Type in the common library. This class is used with the warehouse shipping order to identify the deliver by date and/or the ship by date. The use of at least one date is mandatory and determined by the trading partner agreement. This class has no attributes.

4.2 Description

The Warehouse Shipping Order shall provide for routing guide information that is a text field. To provide for the routing guide information, the description class is used.

This external class originates from Description in the common library. This is an optional class and is used to identify the routing guide. This class has two attributes.

- Language
- Text: string

4.3 Document

This external class originates from Document in the common library. This class is mandatory. It contains four attributes.

- Content Version
- Creation Date
- Document Structure Version
- Last Update Date

4.4 Entity Identification

This external class originates from Entity Identification in the common library. It provides for the reporting of reference numbers. For the Warehouse Shipping Order, it is used to identify the supplier's order identification, a purchase order identification and the warehouse shipping order identification. The warehouse shipping order identification and the supplier's order identification are mandatory, and the purchase order identification is optional. It contains one attribute

- Unique Creator Identification

4.5 Line Item

This external class originates from Document in the common library. This class provides for the identification of trade items as line items in a warehouse shipping order. Line item is used for each trade item in a warehouse shipping order.

4.6 Measurement Value

This external class originates from Measurement and is a class that is used in many class diagrams. This class includes the number of units (quantity) and unit of measure being reported as the quantity requested. There is multiple and numerous possible unit of measures. The EAN.UCC system refers to the UN/Cefact's UN/ECE Recommendation 20 list for the possible unit of measure. The unit of measure is not broken down into categories of UOM such as "Time UOM, Weight UOM, Dimensional UOM, or Net Content UOM". It's a list of all the possible units of measure. This class is mandatory. It contains one attribute.

- Unit Of Measure

4.7 Party Identification

This external class originates from Party Identification in the common library. It provides the identification of the carrier, which are optional, and the identification of the ship to location, which is mandatory. It has no attributes but provides for identification by use of the GLN. It also provides a list of alternate types of identification.

4.8 Trade Item Identification

This external class originates from Trade Item Identification in the common library. This class is mandatory and is used to identify the trade items ordered. This class has no attributes but links to the Global Trade Item Number (GTIN) or Alternate Trade Item Identification.

4.9 Transportation Method Type Code List

This class provides an enumeration list for assigning a transportation method type code to the Warehouse Shipping Order. This is a mandatory class. This class has sixteen attributes:

- Air
- Air Express
- Best Way Shippers Option
- Bus
- Consolidation
- Contract Carrier
- Customer Pickup
- Customer Pickup at Customers Expense
- Expedited Truck
- Intermodal Piggyback
- Motor Common Carrier
- Ocean
- Parcel Post
- Private Parcel Service
- Rail
- Supplier Truck

4.10 Warehouse Payment Method Code List

This class provides an enumeration list to identify the method of payment for shipments. This is a mandatory class. It has eleven attributes.

- Collect
- Collect, Freight Credited Back To Customer
- Customer Pick-up/Backhaul
- Defined By Buyer And Seller
- FOB Port Of Call
- Half Prepaid
- Mixed
- Prepaid But Charged To Customer
- Prepaid (By Seller)
- Prepaid Only
- Third Party Pay

4.11 Warehouse Shipping Order

This is the root class for these business requirements. It is inherited from the Document class.

There are three possible associations with Entity Identification class,

- For Purchase Order identification (optional),
- For Warehouse Shipping Order Identification (mandatory),
- For Supplier Order Identification (mandatory).

There are four mandatory associations

- With Transportation Method Type Code List class with a role of transportation method type,
- With Warehouse Trade Item Description (possible multiple occurrences),
- With Warehouse Shipping Order Date (possible two occurrences),
- With Warehouse Payment Method Code List with a role of warehouse payment method.

There is a mandatory and an optional association with Party Identification to identify the ship to and carrier respectively.

There is an optional association with Description class with a role of routing guide.

The root class has no attributes.

4.12 Warehouse Shipping Order Date

This class is used to provide the choice for the allowable dates of deliver by Date and/or Ship by Date. The class is mandatory and can be repeated once, and this class has no attributes.

4.13 Warehouse Trade Item Description

This class is used to provide the details of the trade items in the Warehouse Shipping Order by holding the Lot Numbers of trade Item (if applicable) by having associations with the Trade Item Identification, Line Item and Measurement Value. This class is mandatory and has one attribute.

- Lot Number of Item

5.0 Global Data Dictionary: Data Attributes for Warehouse Shipping Order

TransportationMethodTypeCodeList

AIR
AIR_EXPRESS
BEST_WAY_SHIPPERS_OPTION
BUS
CONSOLIDATION
CONTRACT_CARRIER
CUSTOMER_PICKUP
CUSTOMER_PICKUP_OR_CUSTOMERS_EXPENSE
EXPEDITED_TRUCK
INTERMODAL_PIGGYBACK
MOTOR_COMMON_CARRIER
OCEAN
PARCEL_POST
PRIVATE_PARCEL_SERVICE
RAIL
SUPPLIER_TRUCK

WarehousePaymentMethodCodeList

COLLECT
COLLECT_FREIGHT_CREDITED_BACK_TO_CUSTOMER
CUSTOMER_PICKUP_OR_BACKHAUL
DEFINED_BY_BUYER_AND_SELLER
FOB_PORT_OF_CALL
HALF_PREPAID
MIXED
PREPAID_BUT_CHARGED_TO_CUSTOMER
PREPAID_BY_SELLER
PREPAID_ONLY
THIRD_PARTY_PAY

WarehouseShippingOrder

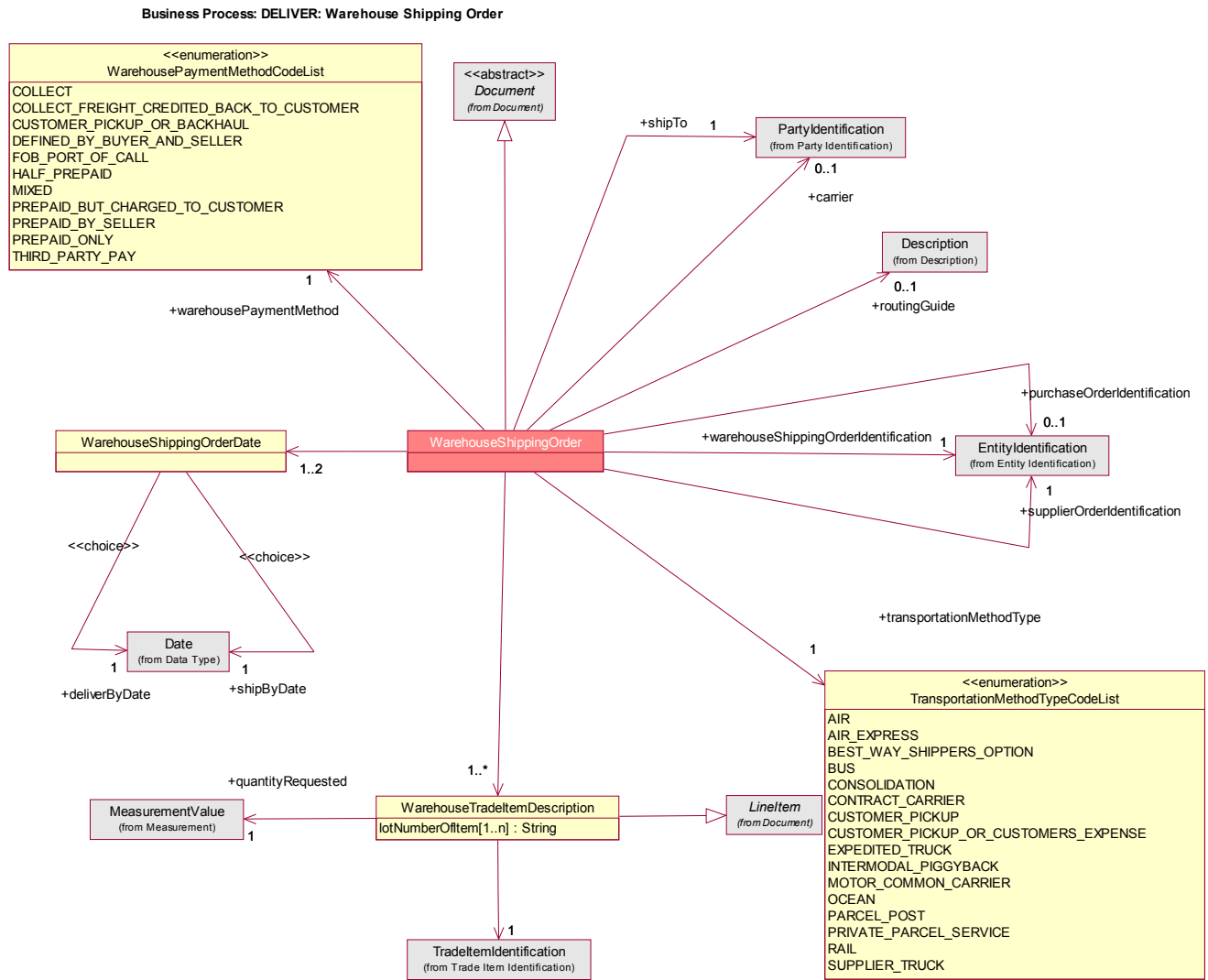
WarehouseShippingOrderDate

WarehouseTradeItemDescription

lotNumberOfItem: TBD

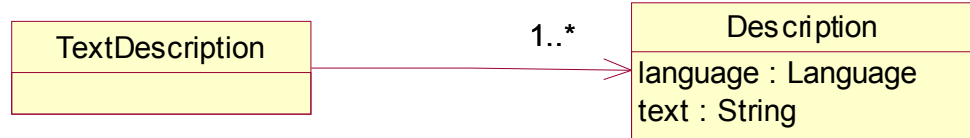
Appendices:

Appendix 1: Class Diagram For Warehouse Shipping Order



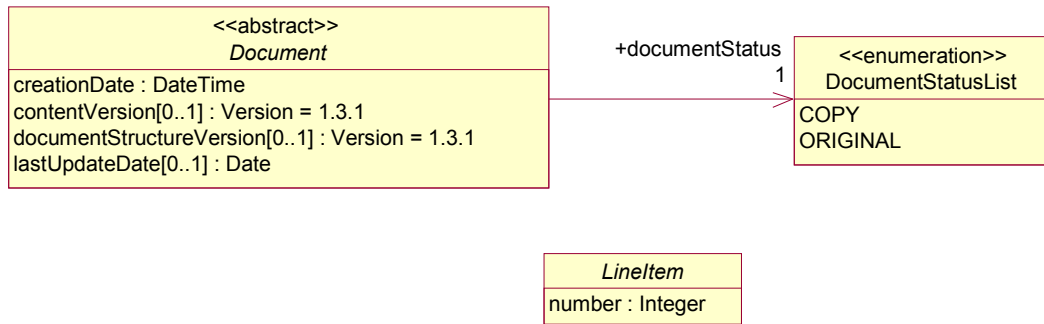
Appendix 2: Class Diagram From Description

Common Library: Common: Components :Description



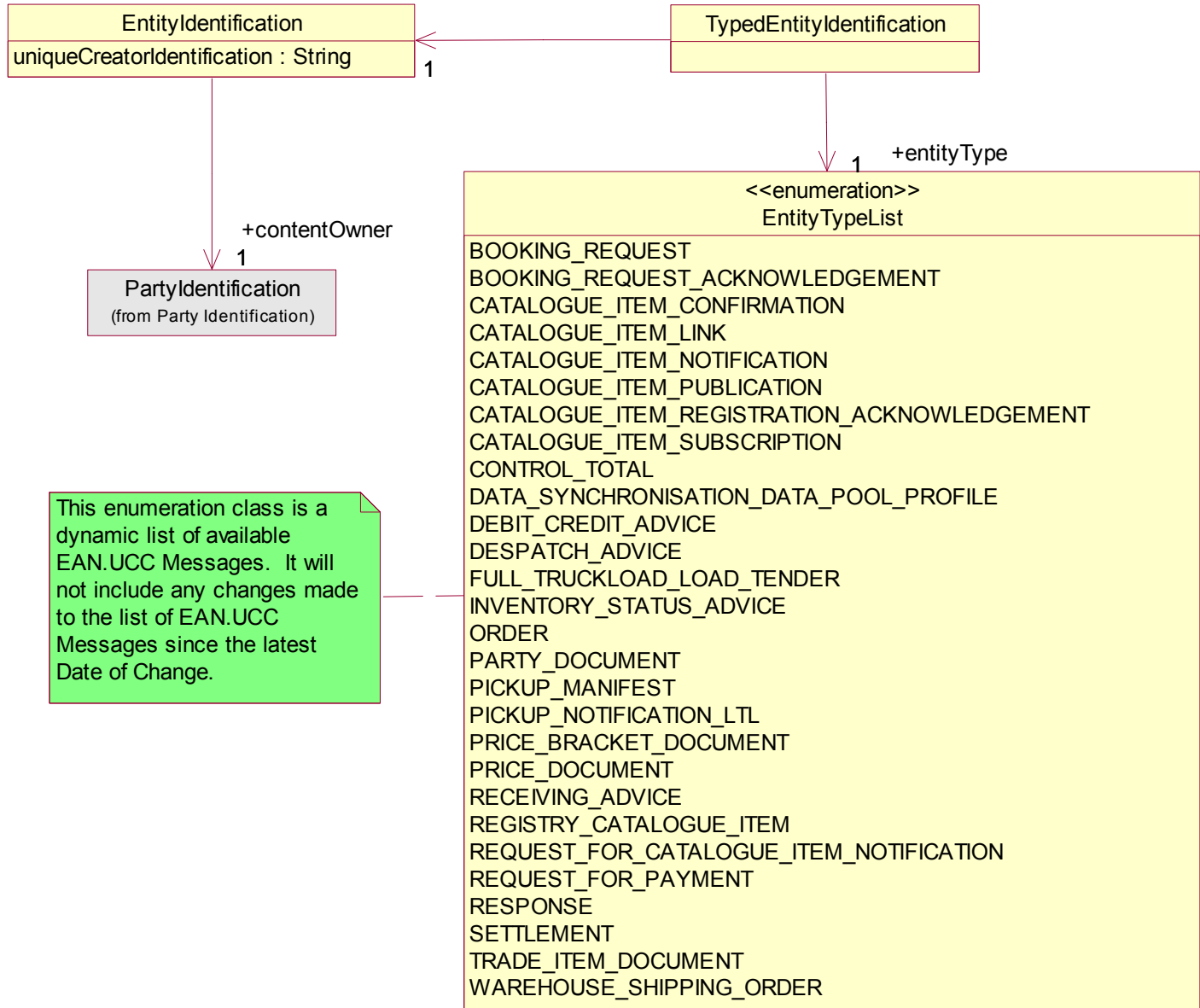
Appendix 3: Class Diagram From Document

Common Library :Common: Components:



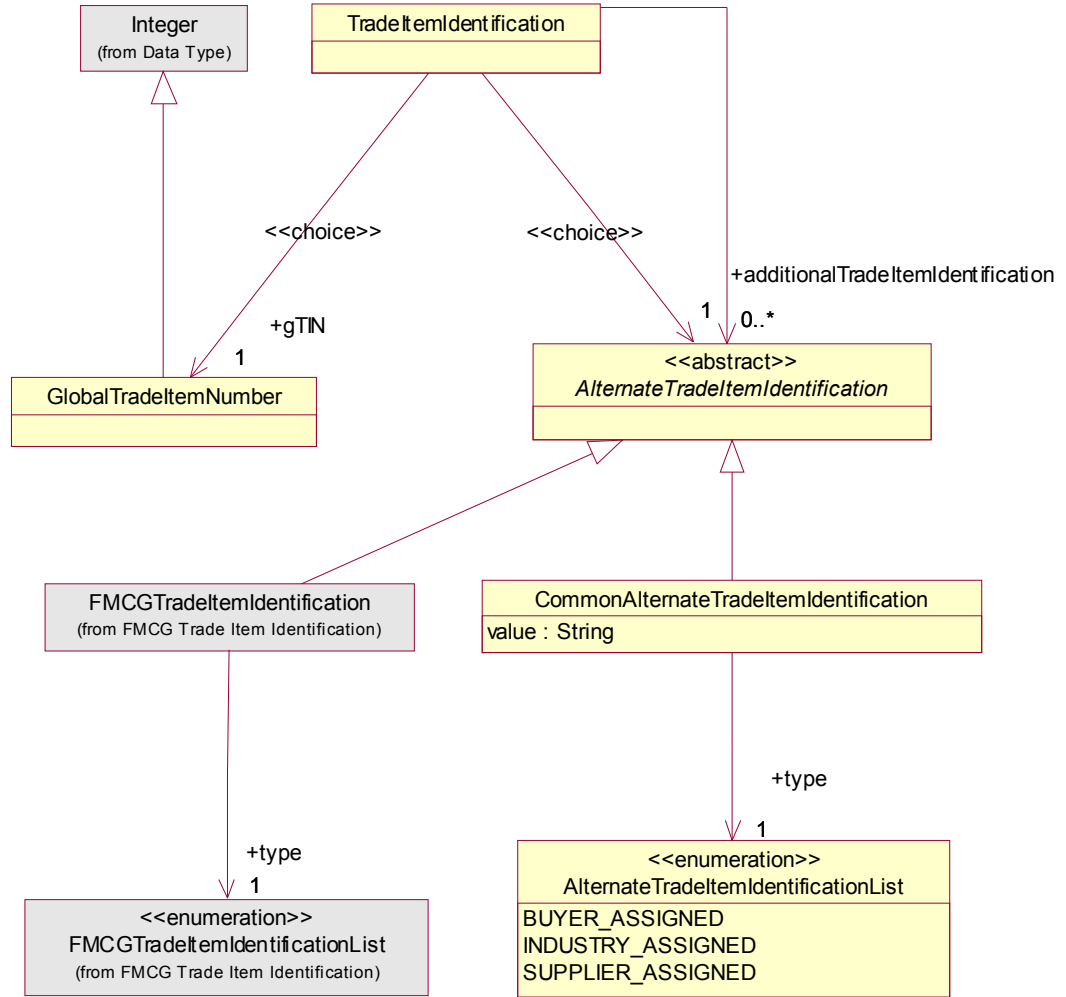
Appendix 4: Class Diagram From Entity Identification

Common Library: Common: Identification: Entity Identification

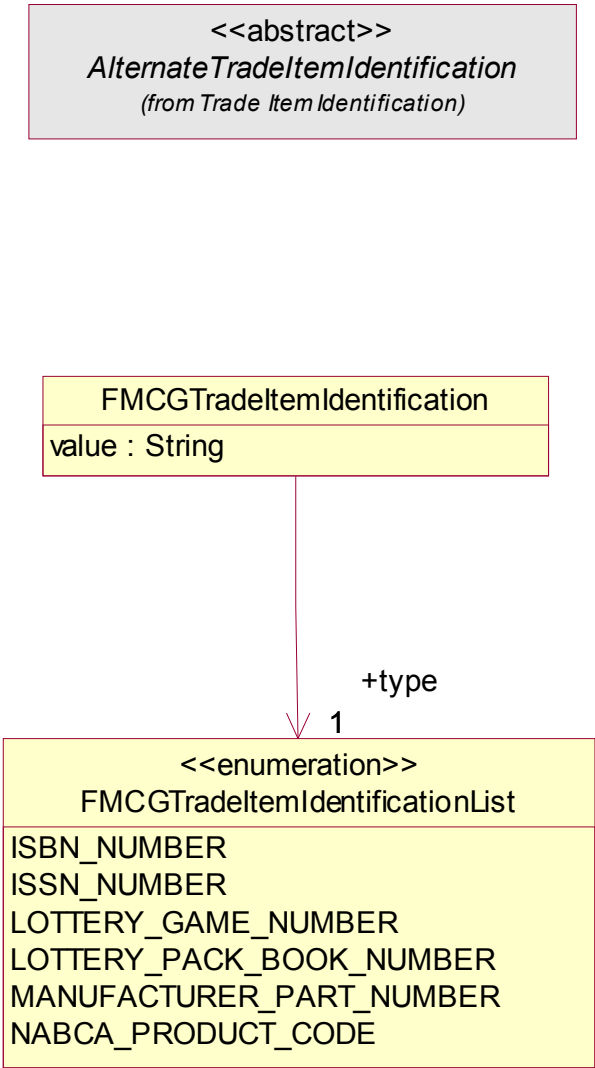


Appendix 5: Class Diagram From Trade Item Identification

Common Library: Common: Identification: Trade Item Identification

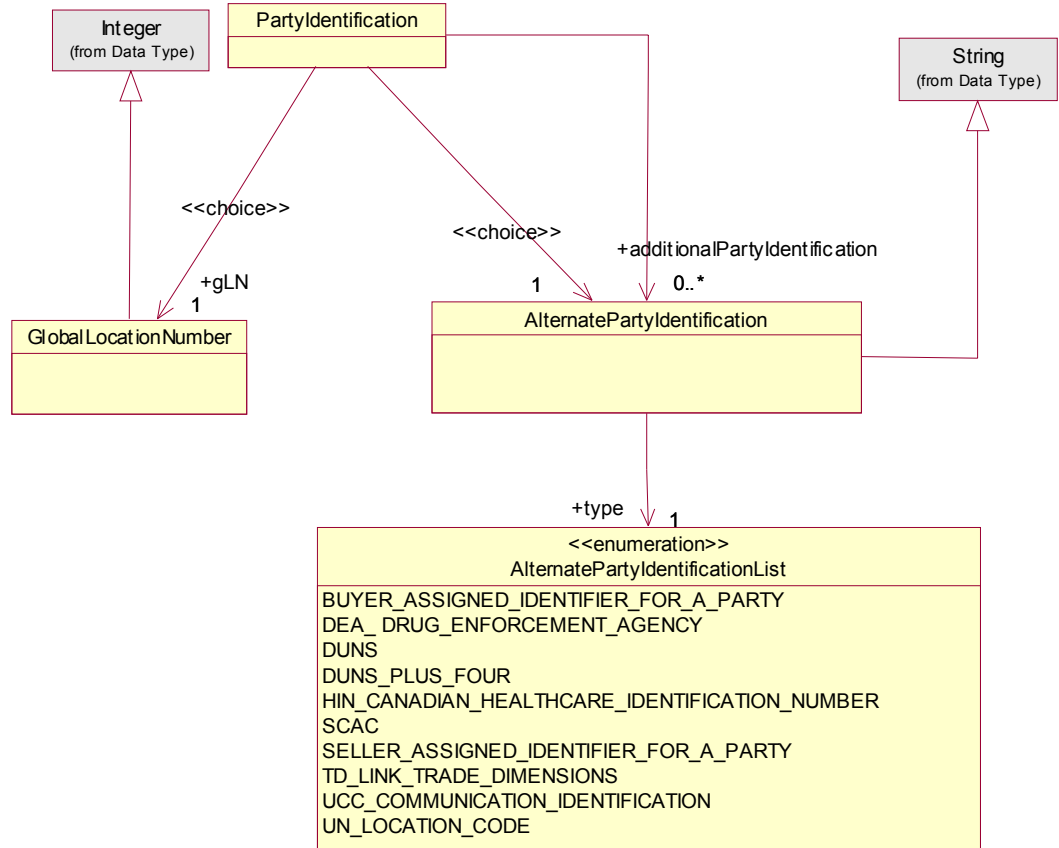


Extension: FMCG: FMCG Trade Item Identification



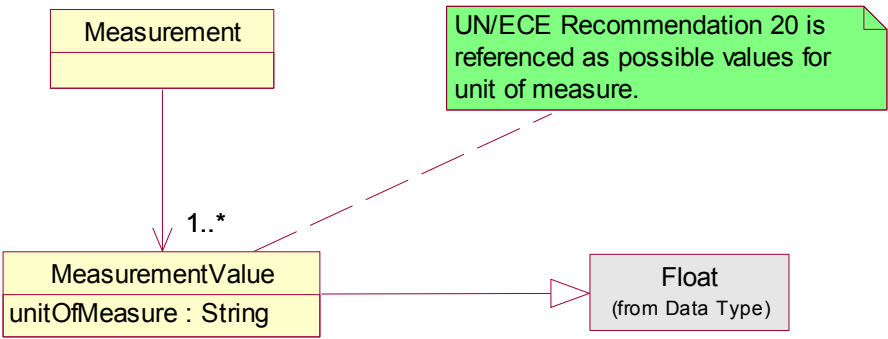
Appendix 6: Class Diagram From Party Identification

Common Library: Common: Identification: Party Identification



Appendix 7: Class Diagram From Measurement

Common Library: Common: Components :Measurement



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

Message MSG-123			
Creation Date	August 02, 2001 12:00:00	Representing Party	0012345000065
Msg From Party	0614141000012	Msg To Party	0012345000065

Transaction	Creator ID = OJGROWER-TRANS-12345	Content Owner = 0614141000012
--------------------	--	--------------------------------------

Command ADD	Creator ID = OJGROWER-ITEM-12345	Content Owner = 0614141000012
--------------------	---	--------------------------------------

Warehouse Shipping Order Document	Creator ID = WPO-123	Content Owner = 0614141000012
--	-----------------------------	--------------------------------------

Document Information			
Creation Date	January 10, 2004 12:00:01	Last Update Date	October 01, 2004
Content Version	1.3.1	Doc Structure Version	1.3.1
Status	ORIGINAL		

Supplier Order			
Creator ID	PO-123	Content Owner	0614141000034

Purchase Order

Creator ID PO-345

Content Owner 0614141000012

Warehouse Shipping Order Information

Ship To 0614141000045

Carrier 0614141000057

Deliver By Date September 01, 2004

Ship By Date

Method of Payment PREPAID_BY_SELLER

Transportation Method AIR

Routing Guide (en) Follow this stop off sequence: Depot 3, Depot 5 then Depot 7.

Trade Item Descriptions

ID	Quantity Requested	LOT Numbers
00012345000099	5 BOX	LOT123, LOT345
00012345000065	10 BOX	LOT678, LOT999

GLOBAL DATA DICTIONARY

1.0 Warehouse Shipping 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	additionalPartyIdentification			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.		O	Identification
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.			
		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			AlternateTradeItemIdentification is an abstract class from Item Identification used to identify a value for item identification other than GTIN.		O	Identification
AlternateTradeItemIdentificationList	type			Contains an enumeration list from the CommonAlternateTradeItemIdentificationClass.		M	Identification
		BUYER_ASSIGNED		This optional code will be used to cross-reference the Vendors internal trade item number to the GTIN in a one-to-one relationship.			

		INDUSTRY_ASSIGNED		This optional code will be used to cross-reference the Vendors internal trade item number to the GTIN in a one-to-one relationship.			
		SUPPLIER_ASSIGNED		This optional code will be used to cross-reference the Vendors internal trade item number to the GTIN in a one-to-one relationship.			
CommonAlternateTradeItemIdentification				Industry neutral Trade Item Identification.		M	Identification
			value	The default value to be used for the field when that field is not present in the file.	1/80	M	
Date	deliverByDate			This external class originates from Data Type in the common library. This class is used with the warehouse shipping order to identify the deliver by date and/or the ship by date. The use of at least one date is mandatory and determined by the trading partner agreement. This class has no attributes.		M	
	shipByDate					M	
Description	routingGuide			This external class originates from Description in the common library. This is an optional class and is used to identify the routing guide.		O	DeliverComponentLibrary
			language			M	
			text			M	
Document				This class is used to specify the basic information about the context of the message.		M	Components

			creationDate	DateTime		M	
			contentVersion	Version = 1.3.1		O	
			documentStructureVersion	Version =1.3.1		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			
		ORIGINAL		The original document			
EntityIdentification	purchaseOrderidentification			This external class originates from Entity Identification in the common library. It provides for the reporting of reference numbers. For the Warehouse Shipping Order, it is used to identify the supplier's order identification, a purchase order identification and the warehouse shipping order identification. The warehouse shipping order identification and the supplier's order identification are mandatory, and the purchase order identification is optional.		O	Identification
	supplierOrderIdentification					M	
	warehouseShippingOrderIdentification					M	
			uniqueCreatorIdentification			M	
FMCGTradeItemIdentification						O	FMCGIdentification

			value	The default value to be used for the field when that field is not present in the file.	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 Pack Book 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. Each party identified in the trading relationship must have a prim		O	Identification
GlobalTradeItemNumber	gTIN			A particular Global trade item Number, a numerical value used to uniquely identify a trade item. A Trade item is any trade item (product or service) upon which there is a need to retrieve pre-defined information and that may be planned, priced, ordered, d		O	Identification

LineItem				This external class originates from Document in the common library. This class provides for the identification of trade items as line items in a warehouse shipping order. Line item is used for each trade item in a warehouse shipping order.		O	DeliverComponentLibrary
			number			M	
MeasurementValue	quantityRequested			This external class originates from Measurement and is a class that is used in many class diagrams. This class includes the number of units (quantity) and unit of measure being reported as the quantity requested. This class is mandatory.		M	DeliverComponentLibrary
			unitOfMeasure	UN/ECE Recommendation 20. Unit of measure code.	1/15	M	
PartyIdentification	carrier			This external class originates from Party Identification in the common library. It provides the identification of the carrier, which are optional, and the identification of the ship to location, which is mandatory. It has no attributes but provides for identification by use of the GLN. It also provides a list of alternate types of identification.		O	Identification
	contentOwner					M	
	shipTo					M	

TradeItemIdentification				This external class originates from Trade Item Identification in the common library. This class is mandatory and is used to identify the trade items ordered. This class has no attributes but links to the Global Trade Item Number (GTIN) or Alternate Trade Item Identification.		M	TradeItemIdentification
TransportationMethodTypeCodeList	transportationMethodType			This class provides an enumeration list for assigning a transportation method type code to the Warehouse Shipping Order. This is a mandatory class		M	WarehouseShippingOrder
		AIR		Air			
		AIR_EXPRESS		Air Express			
		BEST_WAY_SHIPPERS_OPTION		Best Way Shippers Option			
		BUS		Bus			
		CONSOLIDATION		Consolidation			
		CONTRACT_CARRIER		Contract Carrier			
		CUSTOMER_PICKUP		Customer Pickup			
		CUSTOMER_PICKUP_OR_CUSTOMERS_EXPENSE		Customer Pickup At Customers Expense			
		EXPEDITED_TRUCK		Expedited Truck			
		INTERMODEL_PIGGYBACK		Intermodal Piggyback			
		MOTOR_COMMON_CARRIER		Motor Common Carrier			
		OCEAN		Ocean			
		PARCEL_POST		Parcel Post			

		PRIVATE_PARCEL_SERVICE		Private Parcel Service			
		RAIL		Rail			
		SUPPLIER_TRUCK		Supplier Truck			
WarehousePaymentMethodCodeList	warehousePaymentMethod			This class provides an enumeration list to identify the method of payment for shipments. This is a mandatory class.		M	WarehouseShippingOrder
		COLLECT		Collect			
		COLLECT_FREIGHT_CREDITED_BACK_TO_CUSTOMER		Collect, Freight Credited Back To Customer			
		CUSTOMER_PICKUP_OR_BACKHAUL		Customer Pick-up/Backhaul			
		DEFINED_BY_BUYER_AND_SELLER		Defined By Buyer And Seller			
		FOB_PORT_OF_CALL		FOB Port Of Call			
		HALF_PREPAID		Half Prepaid			
		MIXED		Mixed			
		PREPAID_BUT_CHARGED_TO_CUSTOMER		Prepaid But Charged To Customer			
		PREPAID_BY_SELLER		Prepaid (By Seller)			
		PREPAID_ONLY		Prepaid Only			
		THIRD_PARTY_PAY		Third Party Pay			
WarehouseShippingOrder				This is the root class for the Warehouse Shipping Order Message.		M	WarehouseShippingOrder

WarehouseShippingOrder Date				This class is used to provide the choice for the allowable dates of deliver by Date and/or Ship by Date. The class is mandatory and can be repeated once, and this class has no attributes.		M	WarehouseS hippingOrder
WarehouseTradeItemDesc ription				This class is used to provide the details of the trade items in the Warehouse Shipping Order by holding the Lot Numbers of trade Item (if applicable) by having associations with the Trade Item Identification, Line Item and Measurement Value. This class is mandatory and has one attribute. · Lot Number of Item		M	WarehouseS hippingOrder
			lotNumberOfItem			M	

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

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="../../4_XSL/Main.xsl"?>
<!-- This is a sample file-->
<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/WarehouseShippingOrderProxy.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:warehouseShippingOrder creationDate="2004-01-10T12:00:01"
documentStatus="ORIGINAL" contentVersion="1.3.1" documentStructureVersion="1.3.1"
lastUpdateDate="2004-10-01">
            <warehouseShippingOrderIdentification>
                <uniqueCreatorIdentification>WPO-123</uniqueCreatorIdentification>
                <contentOwner>
                    <gln>0614141000012</gln>
                </contentOwner>
            </warehouseShippingOrderIdentification>
            <supplierOrderIdentification>
                <uniqueCreatorIdentification>PO-123</uniqueCreatorIdentification>
                <contentOwner>
                    <gln>0614141000034</gln>
                </contentOwner>
            </supplierOrderIdentification>
            <purchaseOrderIdentification>
                <uniqueCreatorIdentification>PO-345</uniqueCreatorIdentification>
                <contentOwner>
                    <gln>0614141000012</gln>
                </contentOwner>
            </purchaseOrderIdentification>
            <shipTo>
                <gln>0614141000045</gln>
            </shipTo>
            <carrier>
                <gln>0614141000057</gln>
            </carrier>
            <warehouseShippingOrderDate>
                <deliverByDate>2004-09-01</deliverByDate>
            </warehouseShippingOrderDate>

            <warehousePaymentMethod>PREPAID_BY_SELLER</warehousePaymentMethod>
            <transportationMethodType>AIR</transportationMethodType>
            <routingGuide language="en">
                <text>Follow this stop off sequence: Depot 3, Depot 5 then Depot 7.</text>
            </routingGuide>
            <warehouseTradeItemDescription number="1">
                <tradeItemIdentification>
                    <gtin>00012345000099</gtin>
                </tradeItemIdentification>
                <quantityRequested unitOfMeasure="BOX">5</quantityRequested>
                <lotNumberOfItem>LOT123</lotNumberOfItem>
                <lotNumberOfItem>LOT345</lotNumberOfItem>
            </warehouseTradeItemDescription>
            <warehouseTradeItemDescription number="2">
                <tradeItemIdentification>
                    <gtin>00012345000065</gtin>
                </tradeItemIdentification>
                <quantityRequested unitOfMeasure="BOX">10</quantityRequested>
                <lotNumberOfItem>LOT678</lotNumberOfItem>
                <lotNumberOfItem>LOT999</lotNumberOfItem>
            </warehouseTradeItemDescription>
        </eanucc:warehouseShippingOrder>
    </documentCommandOperand>
</eanucc:documentCommand>
</command>
</eanucc:transaction>
</body>
</eanucc:envelope>

```