Release Notes for PIP® 3B12

Validated 11.04.00

Specification Information	
Name	Request Shipping Order
Cluster	Order Management
Segment	Transportation and Distribution
Publication Date	30 May 2012
Version Identifier	V11.04

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1 Document Management

1.1 Legal Disclaimer

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1.4 Related Documents

- Associated PIP Message Schemas (included within the PIP Specification package only)
- Description of PIP 3B12 Message
- Message Structure
- XML instance of ebBPSS for PIP 3B12

1.5 Purpose

This document describes the issues and resolutions pertaining to PIP 3B12 V11.00.00 and the changes that were made to develop PIP 3B12 V11.04.00.

1.6 Scope

This document contains information describing changes to PIP 3B12 including changes to the Description of Partner Interface Process, Description of Message. It does not contain other changes or information regarding other PIPs.

1.7 Document Version History

Version	Date	Description
Validated 11.01.00	10 August 2006	Update PIP version from V11.00.00 to V11.01.00
Validated 11.02.00	23 October 2007	Update PIP version from V11.01.00 to V11.02.00
Validated 11.03.00	3 February 2010	Update PIP version from V11.02.00 to V11.03.00
Validated 11.04.00	30 May 2012	Update PIP version from V11.03.00 to V11.04.00

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2 Changes to "Description of Partner Interface Process" Document

Table 3.1: "Description of Partner Interface Process" Document Changes

#	Description of Changes
1	**SECTION 2.8**: Business Process Activity Controls **ACTION**: Modify **CHANGE(s)**: (1) Changed Activity Name of Shipping Provider in Table 6 and Table 7 from "Initiate Shipping Order Confirm" to "Initiate Shipping Order Confirmation". **BUSINESS REQUIREMENT(s)**: To align with RosettaNet ebXML BPSS Design Guideline. Previous PIP Package Version: V11.01.00

Table 6 describes the interaction between roles performing business activity in this PIP.

Table 6: Business Activity Description

Role Name	Activity Name	Activity Description
Shipper	Initiate Shipping Order Request	A Shipper sends a Shipping Order Request business document to a Shipping Provider.
Shipping Provider	Initiate Shipping Order Confirm	A Shipping Provider sends a Shipping Order Confirmation business document to a Shipper.

Table 7 details the security, audit and process controls relating to activity performed in the PIP.

Table 7: Business Activity Performance Control

Role Name	Activity Name	Acknowledgment of Receipt		Time to Perform	Retry Count	Is Authorization Required?	Non-Repudiation of Origin and Content?
		Non-Repudiation Required?	Time to Acknowledge				
Shipper	Initiate Shipping Order Request	Y	2 hrs	4 hrs	3	Y	Y
Shipping Provider	Initiate Shipping Order Confirm	Y	2 hrs	4 hrs	3	Y	Y

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Table 3.1: "Description of Partner Interface Process" Document Changes

#	Description of Changes

New PIP Package Version: V11.02.00

Table 6 describes the interaction between roles performing business activity in this PIP.

Table 6: Business Activity Description

Role Name	Activity Name	Activity Description
Shipper	Initiate Shipping Order Request	A Shipper sends a Shipping Order Request business document to a Shipping Provider.
Shipping Provider	Initiate Shipping Order Confirmation	A Shipping Provider sends a Shipping Order Confirmation business document to a Shipper.

Table 7 details the security, audit and process controls relating to activity performed in the PIP.

Table 7: Business Activity Performance Control

Role Name	Activity Name	Acknowledgment of Receipt		Time to Perform	Retry Count	Is Authorization Required?	Non-Repudiation of Origin and Content?
		Non-Repudiation Required?	Time to Acknowledge				
Shipper	Initiate Shipping Order Request	Y	2 hrs	4 hrs	3	Y	Y
Shipping Provider	Initiate Shipping Order Confirmation	Y	2 hrs	N/A	3	Y	Y

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Table 3.1: "Description of Partner Interface Process" Document Changes

#	Description of Changes
2	**SECTION 3.2**: Message Exchange Control **ACTION**: Modify **CHANGE(s)**: (1) Changed "Include in Time to Perform" in Table 10 for Receipt Acknowledgment and Shipping Order Confirmation Action from "Y" to Not Applicable "N/A". **BUSINESS REQUIREMENT(s)**: To align with RosettaNet ebXML BPSS Design Guideline. Previous PIP Package Version: V11.01.00

Table 10: Message Exchange Control

#	Name	Time to Acknowledge Receipt Signal	Time to Respond to Action	Included in Time to Perform	Is Authorization Required?	Is Non-Repudiation Required?	Is Secure Transport Required?
1.	Shipping Order Request Action	2 hrs	4 hrs	Y	Y	Y	Y
1.1.	Receipt Acknowledgment	N/A	N/A	Y	Y	Y	Y
2.	Shipping Order Confirmation Action	2 hrs	N/A	Y	Y	Y	Y
2.1.	Receipt Acknowledgment	N/A	N/A	N	Y	Y	Y

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Table 3.1: "Description of Partner Interface Process" Document Changes

#	Description of Changes

New PIP Package Version: V11.02.00

Table 10: Message Exchange Control

#	Name	Time to Acknowledge Receipt Signal	Time to Respond to Action	Included in Time to Perform	Is Authorization Required?	Is Non-Repudiation Required?	Is Secure Transport Required?
1.	Shipping Order Request Action	2 hrs	4 hrs	Y	Y	Y	Y
1.1.	Receipt Acknowledgment	N/A	N/A	N/A	Y	Y	Y
2.	Shipping Order Confirmation Action	2 hrs	N/A	N/A	Y	Y	Y
2.1.	Receipt Acknowledgment	N/A	N/A	N/A	Y	Y	Y

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3 Changes to Interchange Objects

Table 4.1: Interchange Class Changes	
#	**Description of Changes**
1	**CLASS**: Interchange::ShippingOrderRequest::RoutingInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed association from Universal::PartnerIdentification::SpecifiedPartnerDescription: - (Role Name: shipVia, Cardinality: 0..1) - (Role Name: transportedBy, cardinality: 0..1) (2) Added association from Universal::PartnerIdentification::PartnerDescription with cardinality 0..n. (3) Changed the documentation of Interchange::ShippingOrderRequest::RoutingInformation from " The collection of business properties that describes a leg used in the routing of a shipment." to " The collection of business properties that describes a leg used in the routing of a shipment. ProcessRoleIdenfier usage suggested: SVA - Ship Via, and TRA - Transported By." **BUSINESS REQUIREMENT(s)**: These changes are due to Engineering Team practice in structure design for UML Modeling. If the cardinality of the role name is optional, the role name MUST be added as an entity instances in Universal::CodeList::RN_ProcessRoleIdentifier::ProcessRoleIdentifier code list.

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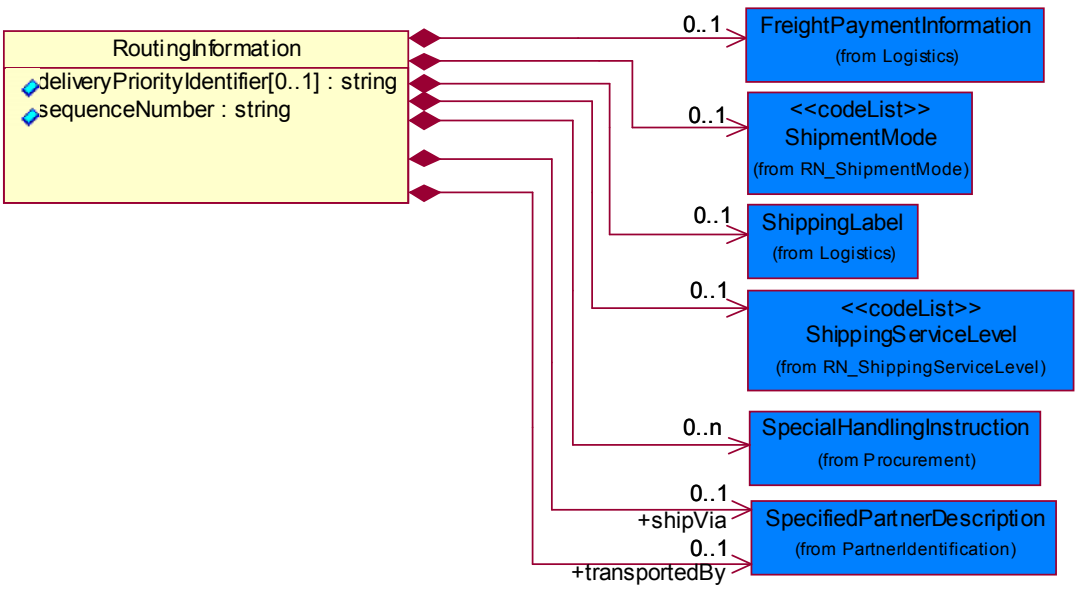
Table 4.1: Interchange Class Changes	
#	**Description of Changes**

Previous PIP Package Version: V11.01.00



New PIP Package Version: V11.02.00

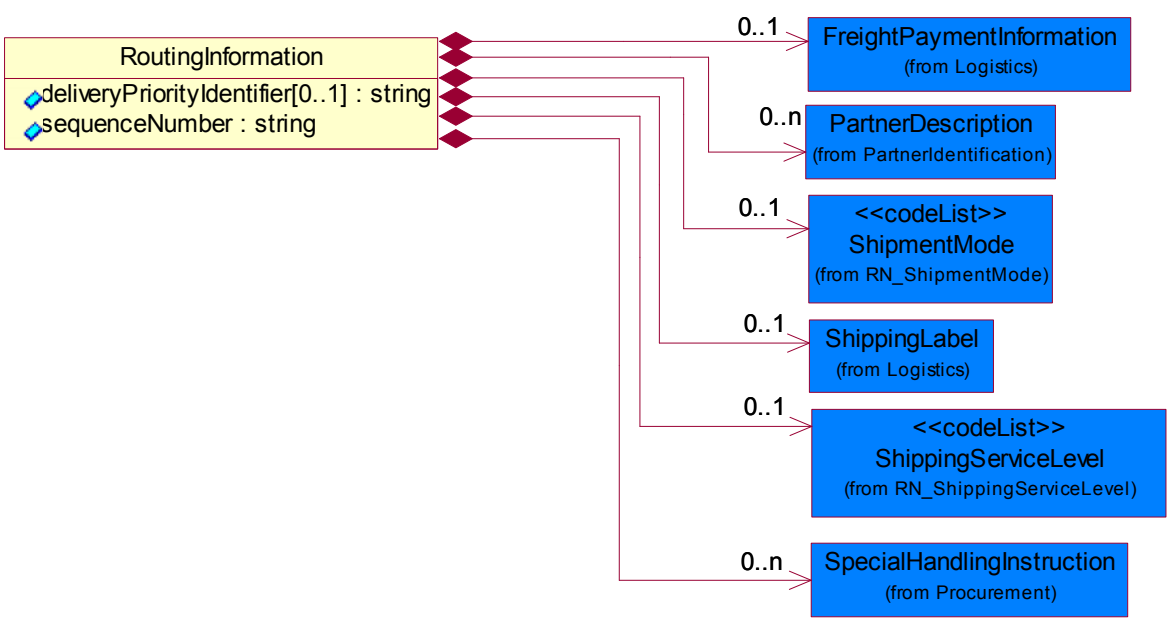


Table 4.1: Interchange Class Changes	
#	**Description of Changes**
2	**CLASS**: Interchange::ShippingOrderRequest::ShipmentInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed association from Universal::PartnerIdentification::SpecifiedPartnerDescription: - (Role Name: importedBy, Cardinality: 0..1) - (Role Name: shipFrom, cardinality: 0..1) - (Role Name: shipTo, Cardinality: 0..1) (2) Added association from Universal::PartnerIdentification::PartnerDescription with cardinality 0..n. (3) Changed the documentation of Interchange::ShippingOrderRequest::ShipmentInformation from " The collection of business properties that identifies how a shipment is to be made." to " The collection of business properties that identifies how a shipment is to be made. ProcessRoleIdenfier usage suggested: IMB - Imported By, SHF - Ship From, and SHT - Ship To." **BUSINESS REQUIREMENT(s)**: These changes are due to Engineering Team practice in structure design for UML Modeling. If the cardinality of the role name is optional, the role name MUST be added as an entity instances in Universal::CodeList::RN_ProcessRoleIdentifier::ProcessRoleIdentifier code list.

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Table 4.1: Interchange Class Changes	
#	**Description of Changes**
	Previous PIP Package Version: V11.01.00

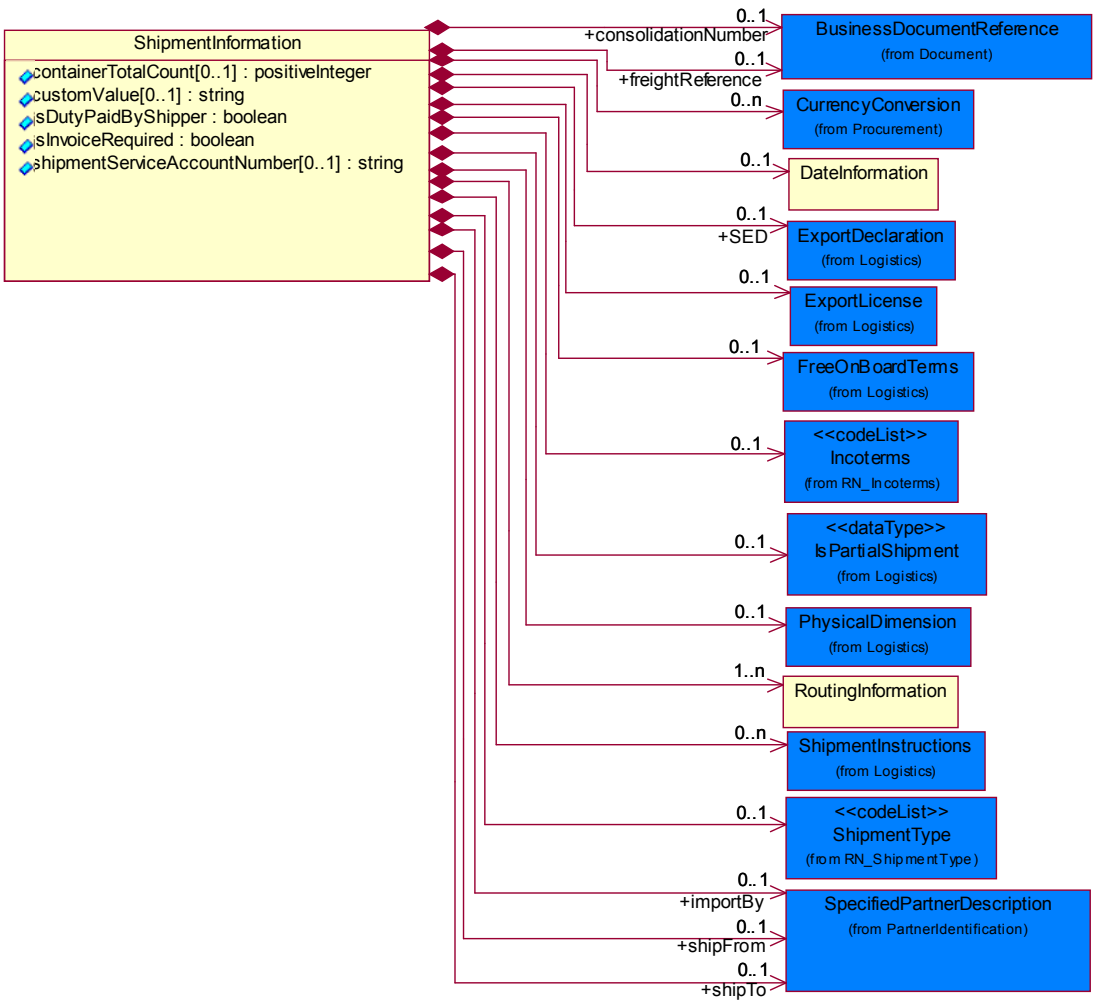

Table 4.1: Interchange Class Changes	
#	**Description of Changes**
	New PIP Package Version: V11.02.00

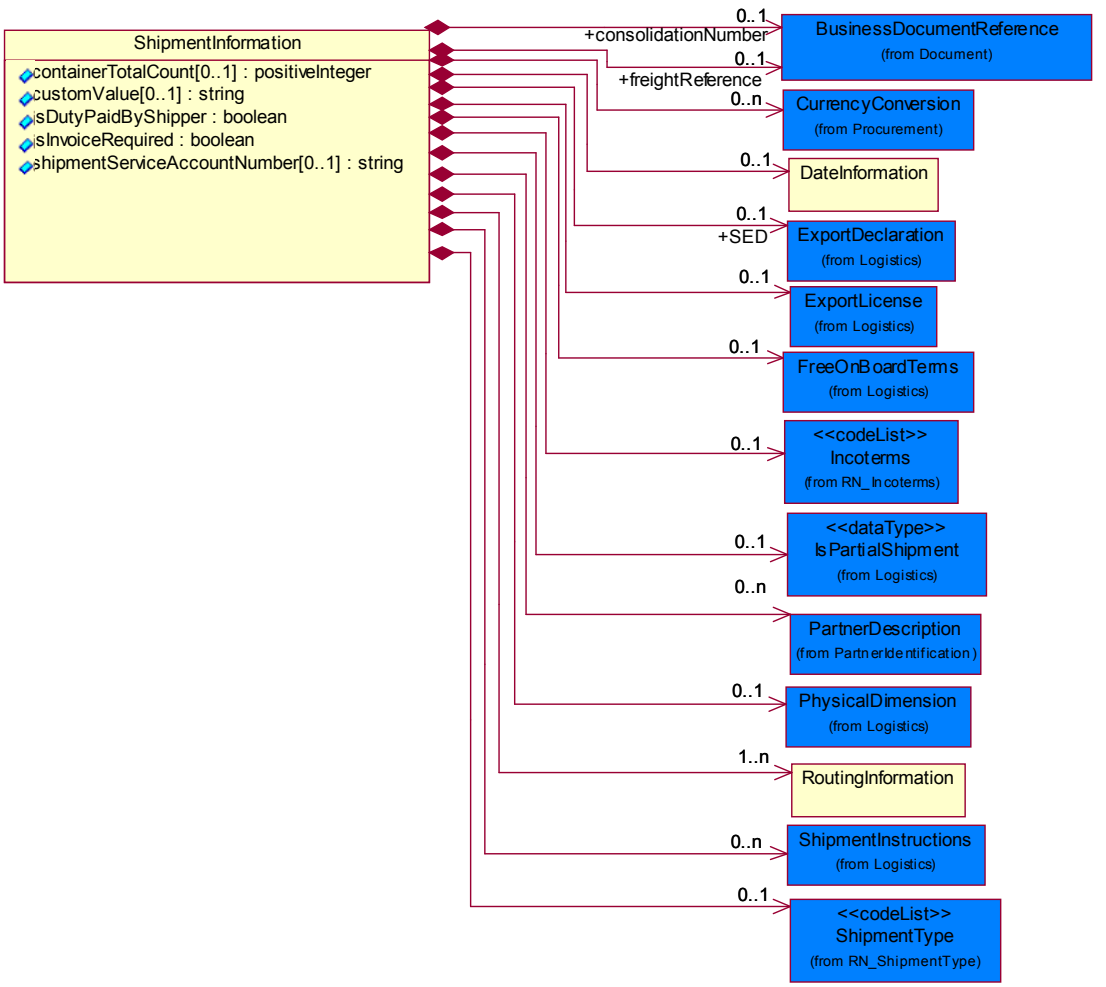

Table 4.1: Interchange Class Changes	
#	**Description of Changes**
3	**CLASS**: Interchange::ShippingOrderRequest::DateInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
4	**CLASS**: Interchange::ShippingOrderRequest::QuantityInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
5	**CLASS**: Interchange::ShippingOrderRequest::RequestingOrderInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

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Table 4.1: Interchange Class Changes	
#	**Description of Changes**
6	**CLASS**: Interchange::ShippingOrderRequest::RequestingOrderLineItemReference **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
7	**CLASS**: Interchange::ShippingOrderRequest::ShipmentLineItem **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
8	**CLASS**: Interchange::ShippingOrderRequest::ShippingContainer **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

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Table 4.1: Interchange Class Changes	
#	**Description of Changes**
9	**CLASS**: Interchange::ShippingOrderRequest::ShippingContainerItem **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
10	**CLASS**: Interchange::ShippingOrderRequest::ShippingOrder **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
11	**CLASS**: Interchange::ShippingOrderRequest::ShippingOrderRequest **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

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Table 4.1: Interchange Class Changes	
#	**Description of Changes**
12	**CLASS**: Interchange::ShippingOrderRequest::SubContainer **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

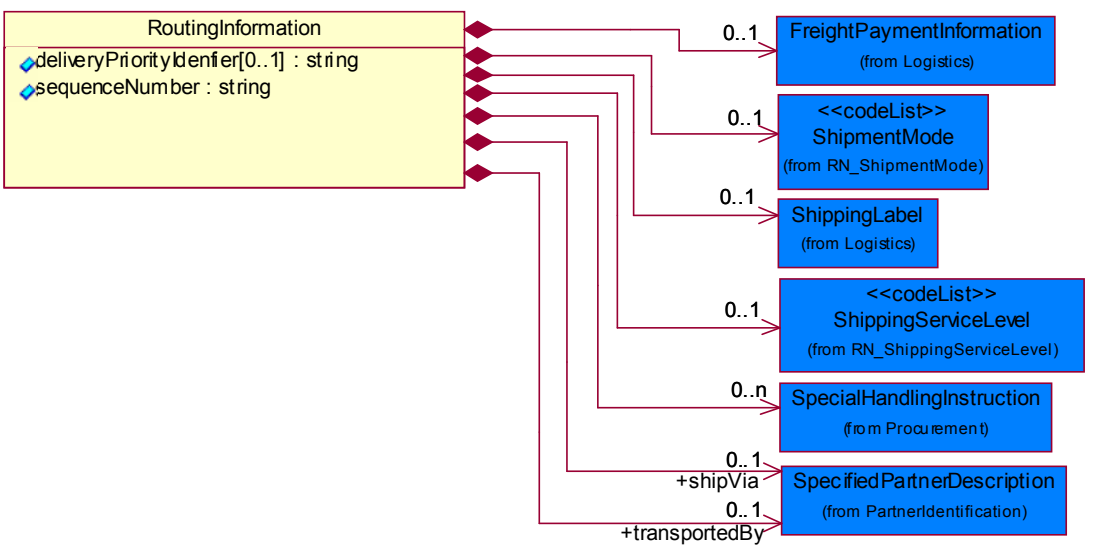
Table 4.1: Interchange Class Changes	
#	**Description of Changes**
13	**CLASS**: Interchange::ShippingOrderConfirmation::RoutingInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed association from Universal::PartnerIdentification::SpecifiedPartnerDescription: - (Role Name: shipVia, Cardinality: 0..1) - (Role Name: transportedBy, cardinality: 0..1) (2) Added association from Universal::PartnerIdentification::PartnerDescription with cardinality 0..n. (3) Changed the documentation of Interchange::ShippingOrderConfirmation::RoutingInformation from " The collection of business properties that describes a leg used in the routing of a shipment." to " The collection of business properties that describes a leg used in the routing of a shipment. ProcessRoleIdenfier usage suggested: SVA - Ship Via, and TRA - Transported By." **BUSINESS REQUIREMENT(s)**: These changes are due to Engineering Team practice in structure design for UML Modeling. If the cardinality of the role name is optional, the role name MUST be added as an entity instances in Universal::CodeList::RN_ProcessRoleIdentifier::ProcessRoleIdentifier code list. Previous PIP Package Version: 

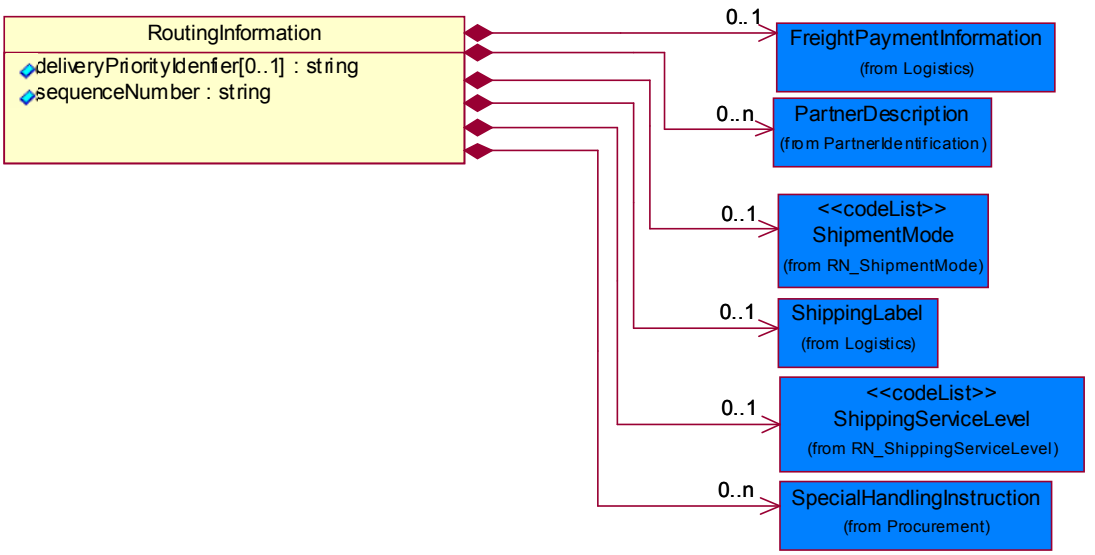
Table 4.1: Interchange Class Changes	
#	**Description of Changes**
	New PIP Package Version: 
14	**CLASS**: Interchange::ShippingOrderConfirmation::ShipmentInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed association from Universal::PartnerIdentification::SpecifiedPartnerDescription: - (Role Name: importedBy, Cardinality: 0..1) - (Role Name: shipFrom, cardinality: 0..1) - (Role Name: shipTo, Cardinality: 0..1) (2) Added association from Universal::PartnerIdentification::PartnerDescription with cardinality 0..n. (3) Changed the documentation of Interchange::ShippingOrderConfirmation::ShipmentInformation from " The collection of business properties that identifies how a shipment is to be made." to " The collection of business properties that identifies how a shipment is to be made. ProcessRoleIdenfier usage suggested: IMB - Imported By, SHF - Ship From and SHT - Ship To." **BUSINESS REQUIREMENT(s)**: These changes are due to Engineering Team practice in structure design for UML Modeling. If the cardinality of the role name is optional, the role name MUST be added as an entity instances in Universal::CodeList::RN_ProcessRoleIdentifier::ProcessRoleIdentifier code list.

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Table 4.1: Interchange Class Changes	
#	**Description of Changes**
	Previous PIP Package Version: V11.01.00

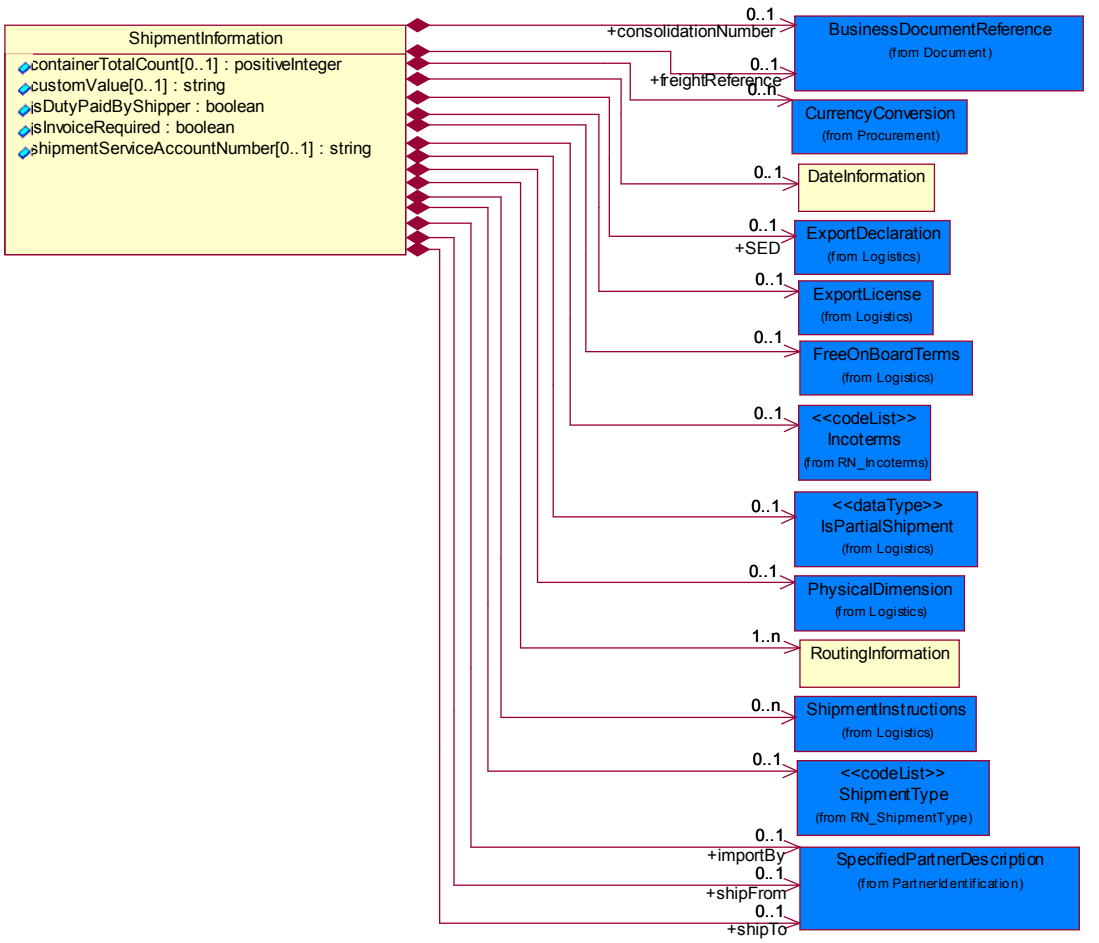


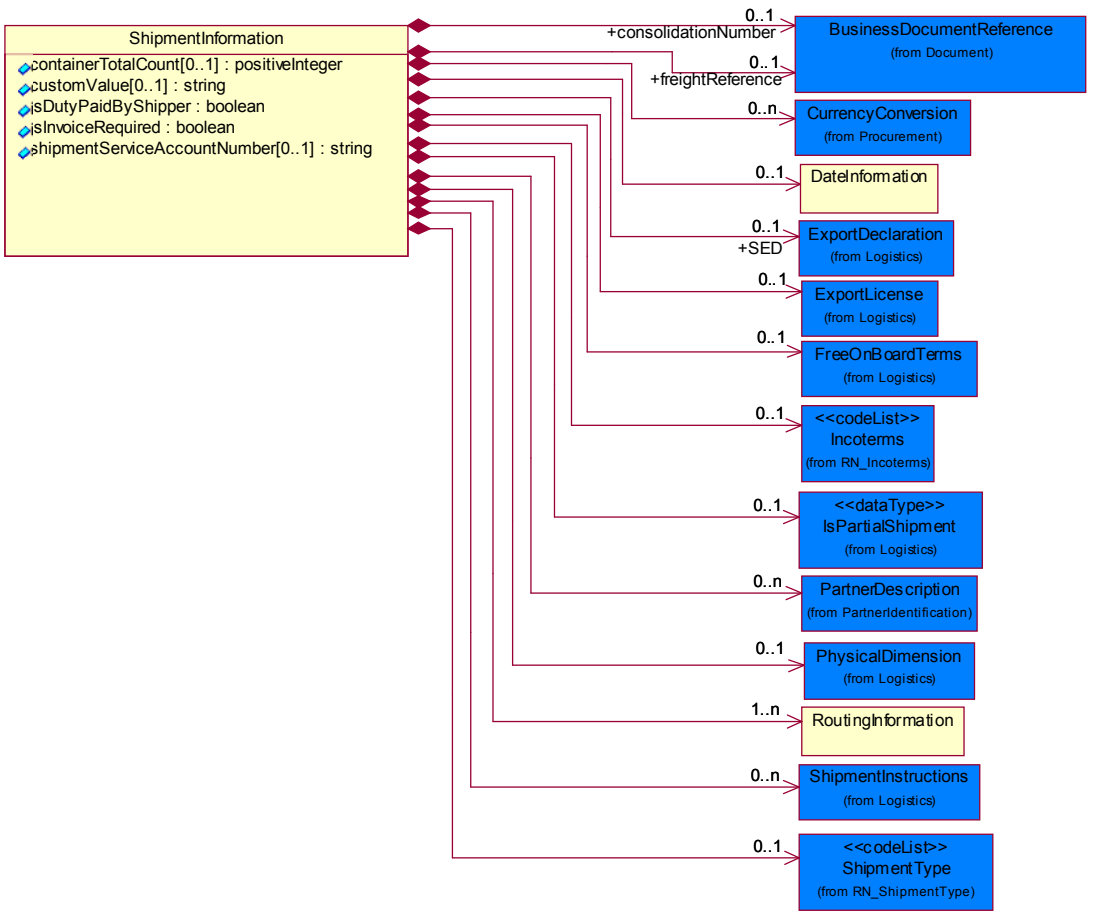
Table 4.1: Interchange Class Changes	
#	**Description of Changes**
	Previous PIP Package Version: V11.02.00 
15	**CLASS**: Interchange::ShippingOrderConfirmation::DateInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a “full stop” and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

Table 4.1: Interchange Class Changes	
#	**Description of Changes**
16	**CLASS**: Interchange::ShippingOrderConfirmation::OrderConfirmation **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
17	**CLASS**: Interchange::ShippingOrderConfirmation::QuantityInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
18	**CLASS**: Interchange::ShippingOrderConfirmation::RequestingOrderInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

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Table 4.1: Interchange Class Changes	
#	**Description of Changes**
19	**CLASS**: Interchange::ShippingOrderConfirmation::RequestingOrderLineItemReference **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
20	**CLASS**: Interchange::ShippingOrderConfirmation::ShipmentLineItem **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
21	**CLASS**: Interchange::ShippingOrderConfirmation::ShippingContainer **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

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Table 4.1: Interchange Class Changes	
#	**Description of Changes**
22	**CLASS**: Interchange::ShippingOrderConfirmation::ShippingContainerItem **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
23	**CLASS**: Interchange::ShippingOrderConfirmation::ShippingOrder **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
24	**CLASS**: Interchange::ShippingOrderConfirmation::SubContainer **ACTION**: Modify **CHANGE(s)**: (1) Removed white spaces after the documentation. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute to have proper documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

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Table 4.1: Interchange Class Changes	
#	**Description of Changes**
25	V11.02.00 Updated domain structures to current versions.

Table 4.2: Interchange CodeList Changes	
#	**Description of Changes**
1	**-NIL-**

4 Changes to Domain Objects

Table 5.1: Domain Class Changes	
#	**Description of Changes**
1	**-Nil-**

Table 5.2: Domain Code List Changes	
#	**Description of Changes**
1	**-Nil-**

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5 Changes to Universal Structure

Table 6.1: Universal Class Changes	
#	**Description of Changes**
1	**CLASS**: Universal::ContactInformation::ContactInformation **ACTION**: Modify **CHANGE(s)**: (1) Removed a white space from the documentation of email attribute. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00
2	**CLASS**: Universal::Locations::AlternativeIdentifier **ACTION**: Modify **CHANGE(s)**: (1) Added a full stop to documentation of identifier attribute. **BUSINESS REQUIREMENT(s)**: To standardize the structure and attribute documentation with a "full stop" and without extra white spaces. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

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Table 6.2: Universal Code List Changes	
#	**Description of Changes**
1	**CODE LIST**: Universal::CodeList::RN_DocumentType::DocumentType **ACTION**: Modify **CHANGE(s)**: (1) Add new code list entity instances: – ARA: Authorization Request Approval. – COS: Consumption Notice. – DOR: Delivery Order. – DRR: Design Registration Request. – ECO: Engineering Change Order - The proprietary unique identification number that represents an engineering change order. – EIR: Engineering Information Request. – EOL: End of Life. – PCN: Product/Process Change. **BUSINESS REQUIREMENT(s)**: To standardize the usage of the latest code list. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

Table 6.2: Universal Code List Changes	
#	**Description of Changes**
2	**CODE LIST**: Universal::CodeList::RN_ProcessRoleIdentifier::ProcessRoleIdentifier **ACTION**: Modify **CHANGE(s)**: (1) Add new code list entity instances: – CLF: Collect From - To enable the buyer to specify the location of where products not supplied directly by the seller/installer may be collected. – CSP: Contract Service Provider. – CWN: contractOwner - The party who is the owner of the contract. For example, in the direct business, the buyer is the contract owner. In the distribution business, the buyer is the distributor and the contract owner is the reseller. – DCE: DesignCustomerApplicationEngineer. The demand customer's Field Application Engineer. – DCU: DesignCustomer. The owner of the product for which the design has been created. – FCP: Forecast Partner - The collection of business properties that describes the partner types for a forecast. – FIA: From Install At - The collection of sender business properties that describes a business partners' identity, their contact information, where they are physically located and their function in a supply chain. – IMB: Imported By - The party responsible for importing the product. – ITL: installAt - The partner and/or location to which the product must be set up for use or service. – PAE: ProductProviderFieldApplicationEngineer. The product provider Field Application Engineer. – PSR: ProductProviderSalesRepresentative. The product provider sales representative. – RFR: receivedFrom - The partner and/or location from where the product was shipped. – RMT: remitTo - The partner to which payment for a business document is sent. – RPB: Repaired By - The collection of business properties used to identify the business partner responsible for the repair or rework of a product. – RQT: Refer Quote To - The partner to whom a quote request is being referred. – RSF: Requested Ship From - The party where the product is requested to be shipped from. – SPS: Service Provider Site - Identification for the location of the ASP site that is ordering the replacement parts and/or performing the repair. – TIA: To Install At - The collection of receiver business properties that describes business partners' identity, their contact information, where they are physically located and their function in a supply chain. – TMT: Transfer Manufacturing To - The movement of the manufacturing process to another site. – TSB: Tested By - The collection of business properties used to identify the specific location and resources used to conduct a defined cycle or steps or measurements required to confirm a result or event.

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Table 6.2: Universal Code List Changes	
#	**Description of Changes**
	BUSINESS REQUIREMENT(s): To standardize the usage of the latest code list. Previous PIP Package Version: V11.01.00 New PIP Package Version: V11.02.00

6 Changes to System Structure

Table 7.1: System Class Changes	
#	**Description of Changes**
1	- **Nil-**

Table 7.2: System Code List Changes	
#	**Description of Changes**
1	**- Nil-**

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