



Association EDI-Optique

OPTO v11 Optic Catalogue and OPTO v35 Optic Order REQUIREMENTS SPECIFICATION MAPPING (RSM)

Business Domain: Optic – Supply Chain

Business Process: Catalogue Process

Documentation Identification:

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Status	Release
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Log of Changes

Issue No.	Date of Change	Changed By	Summary of Change
#9	2009-09-13	Julien DROUIN Jean-Christophe LEROY	Creation
#11	2009-10-11	Julien DROUIN Jean-Christophe LEROY	Removed spelling error in Postalladress.
#13	2009-11-15	Julien DROUIN Jean-Christophe LEROY	Corrected Minor error. Updated Unqualified Data Type. Added PictureValue.
#14	2009-04-18	Jean-Christophe LEROY	Changed DeliveryLeadTime data type in 3.25 Optic_ Trade_ Agreement. Update document versions.
#15	2011-03-31	Julien DROUIN Jean-Christophe LEROY	Updated the document with Order objects. Reflected changes related to the use of CCL.09B instead of CCL.09A.

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1. Objective

This document identifies the complete set of class diagrams (as defined in the BRS) that need to be transformed into the target technology solution(s).

2. Core components UN/CEFACT Registry version used

The model of both the Optic Catalogue and the Optic Order messages are based on the CCL09B.

3. Canonical Data Model

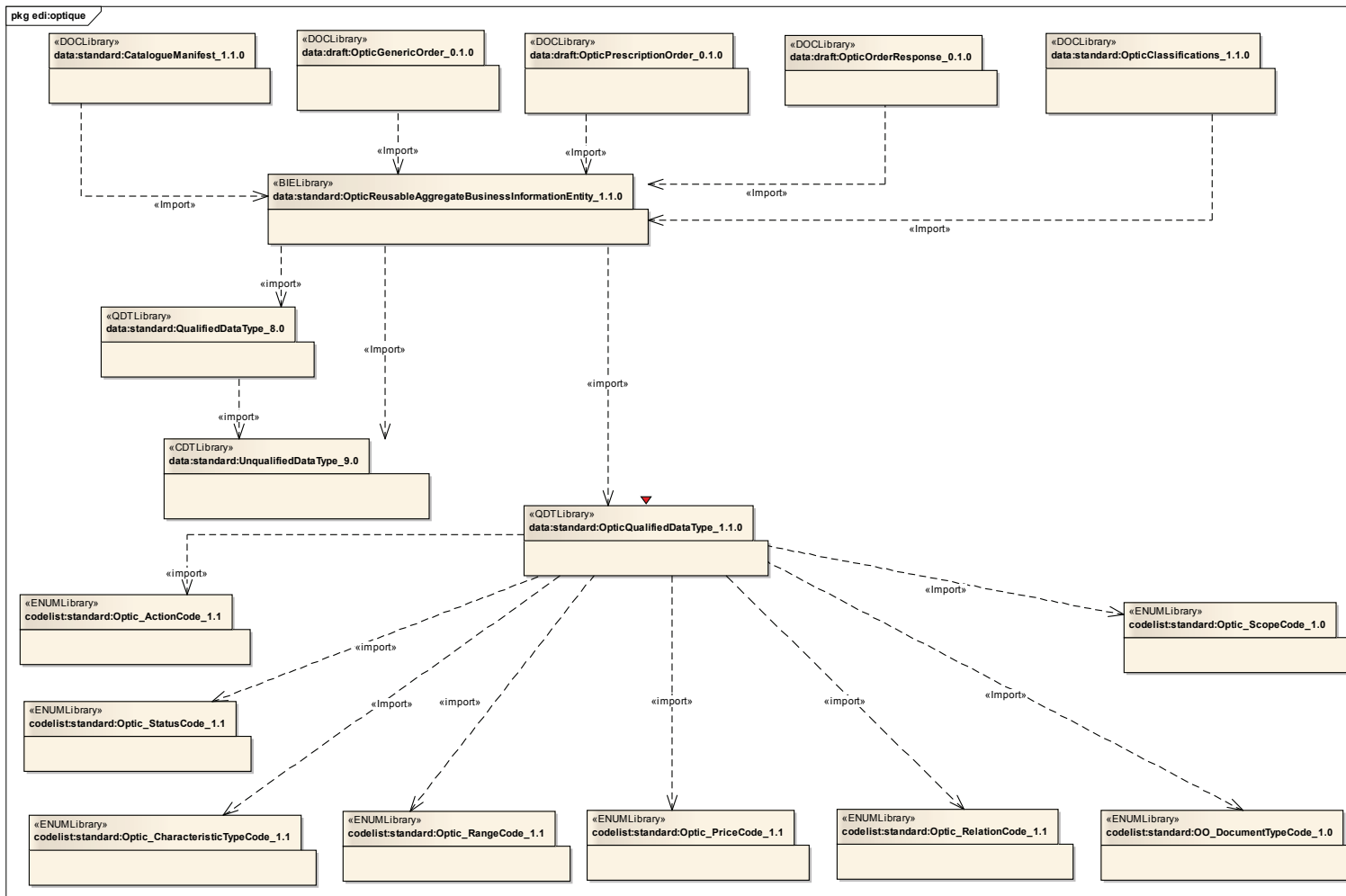
The canonical data model is a UMM compliant formalisation of the conceptual model class diagram that makes use of Core Components. The canonical data model may be identical to the conceptual data model. This would be the case where the modeling analyst develops the conceptual model based on the UMM compliant artifacts and the required Core Components.

The canonical data model contains all the business information requirements found in the conceptual data model class diagram as a result of the transformation of these requirements into existing and if needed, candidate Core Components (ABIEs, BBIEs, ASBIEs).

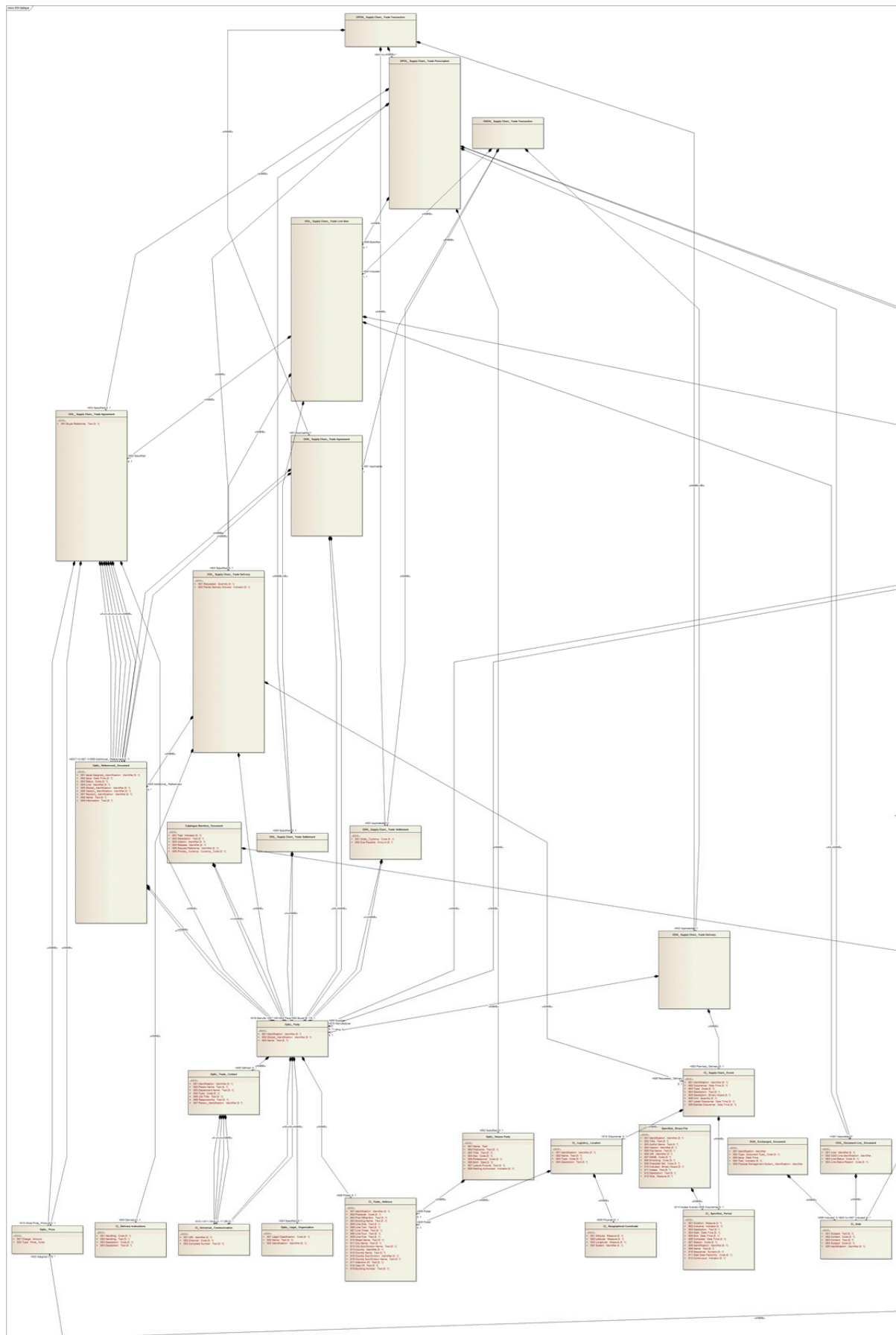
The Canonical model has been built with Enterprise Architect. The native Enterprise Architect file is available as part of the documentation.

4. Overall view

4.1 Schema import structure

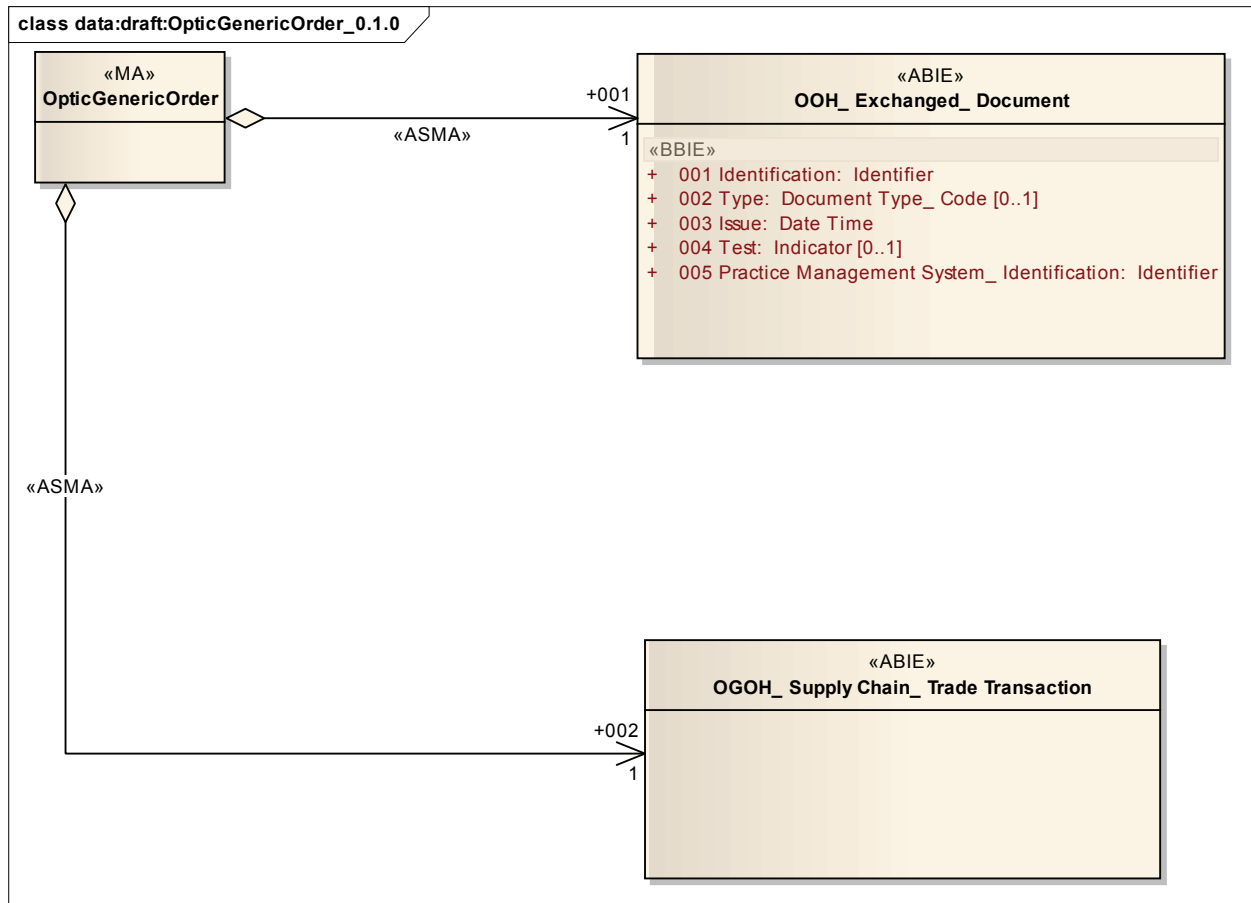


4.2 Overall Canonical Model

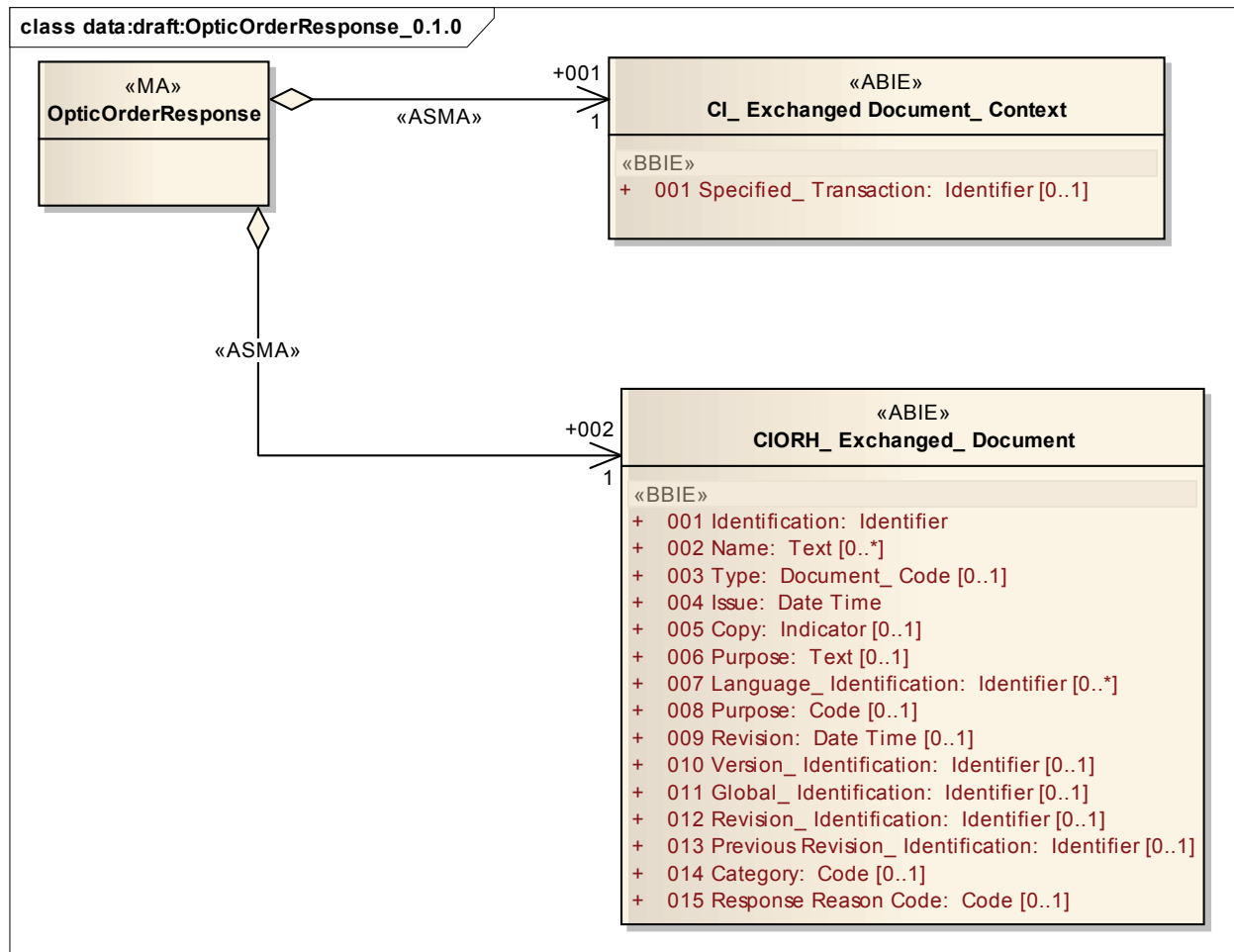


5. Messages

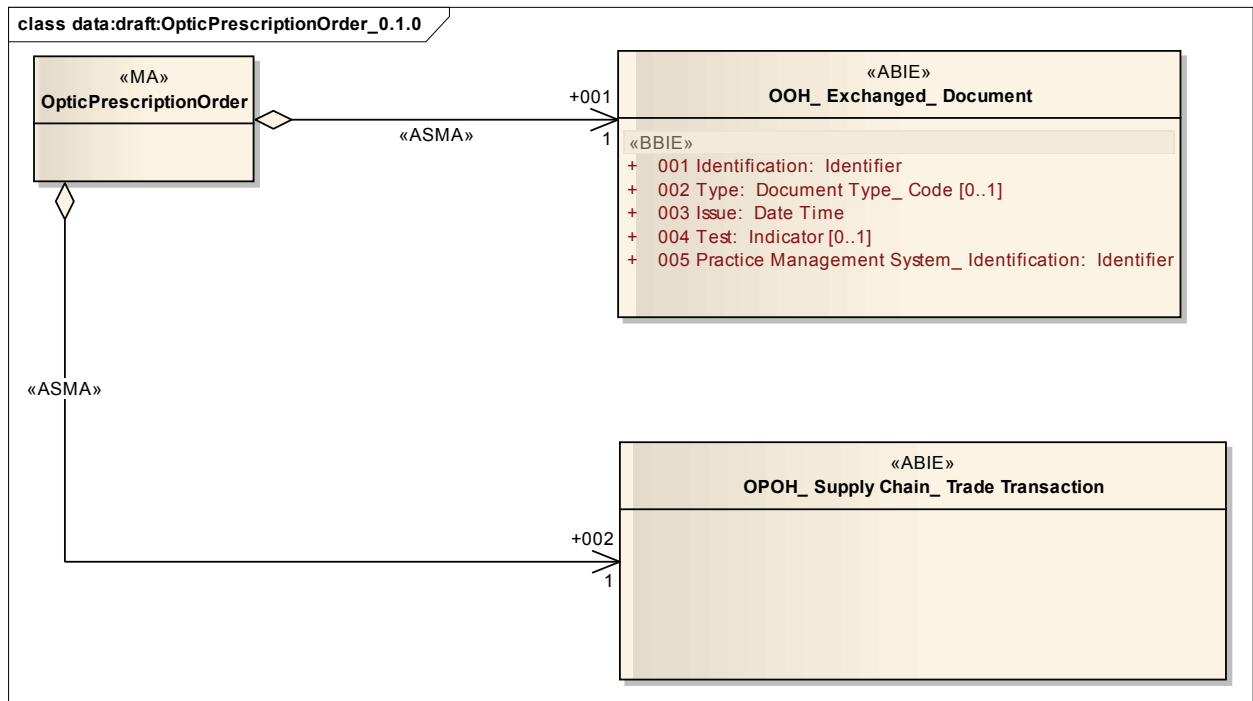
5.1 data:draft:OpticGenericOrder_0.1.0



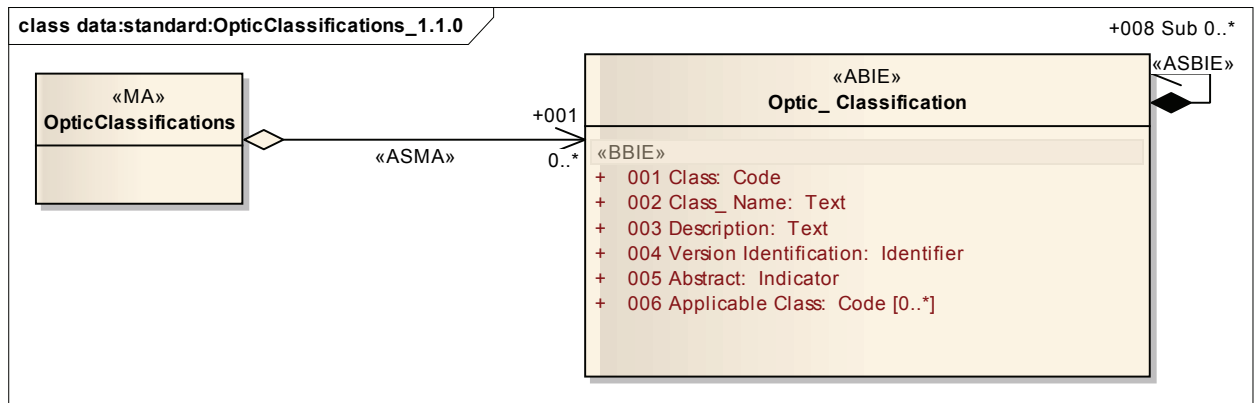
5.2 data:draft:OpticOrderResponse_0.1.0



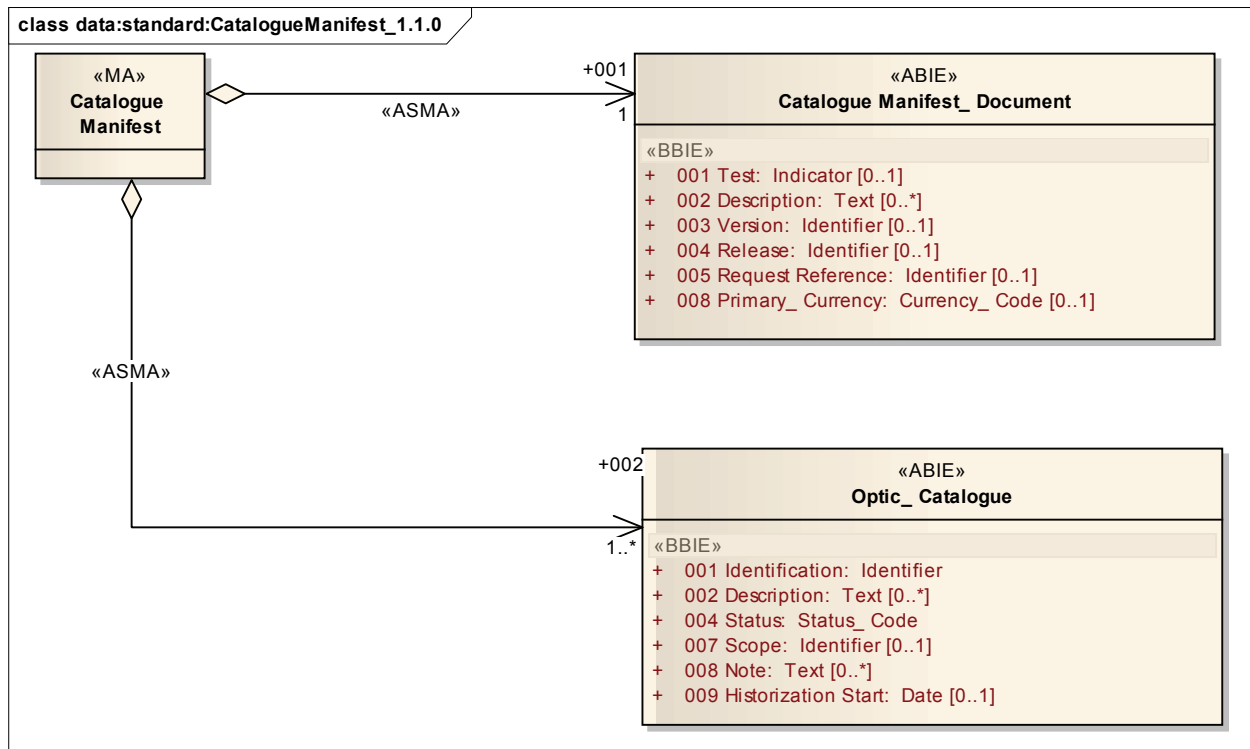
5.3 data:draft:OpticPrescriptionOrder_0.1.0



5.4 data:standard:OpticClassifications_1.1.0

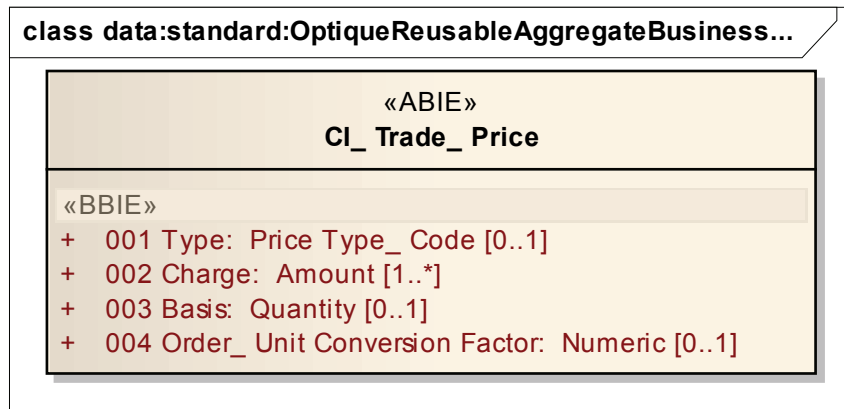


5.5 data:standard:CatalogueManifest_1.1.0

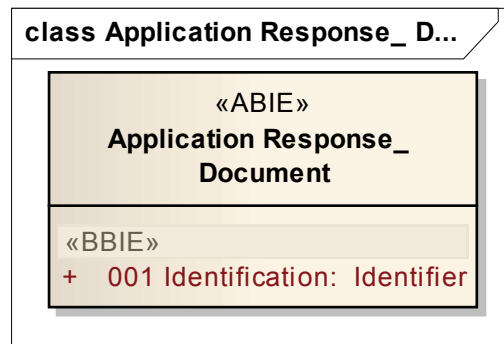


6. Aggregates

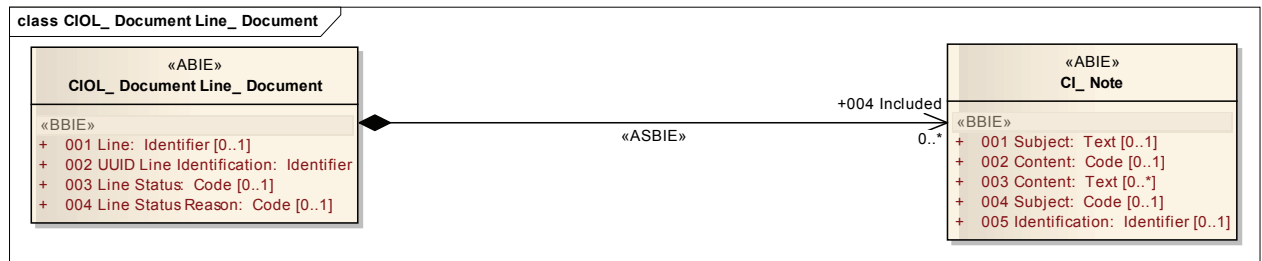
6.1 data:standard:OptiqueReusableAggregateBusinessInformationEntity_1.1.0



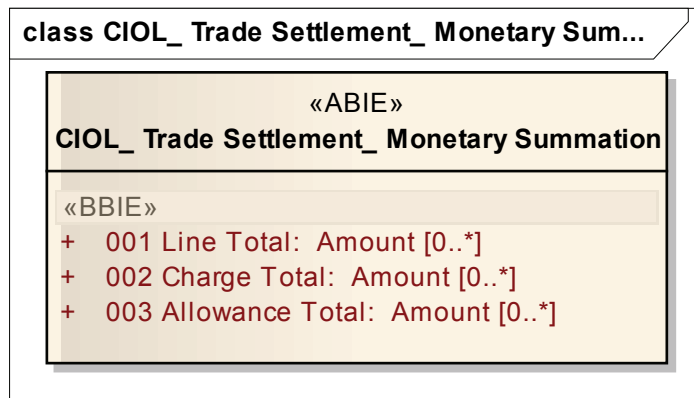
6.2 Application Response_ Document



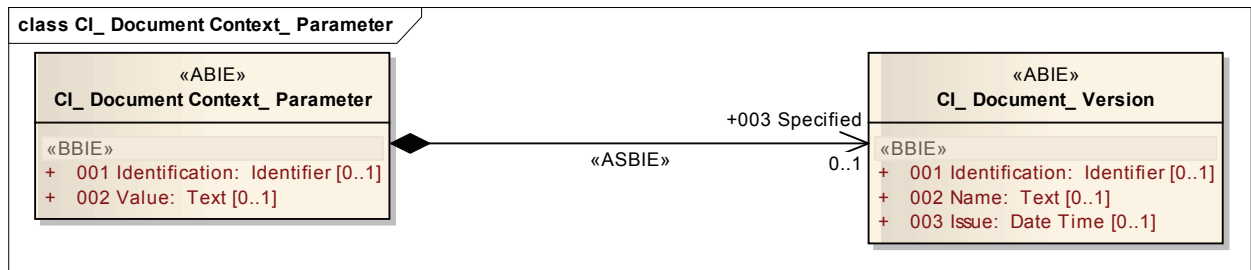
6.3 CIOL_ Document Line_ Document



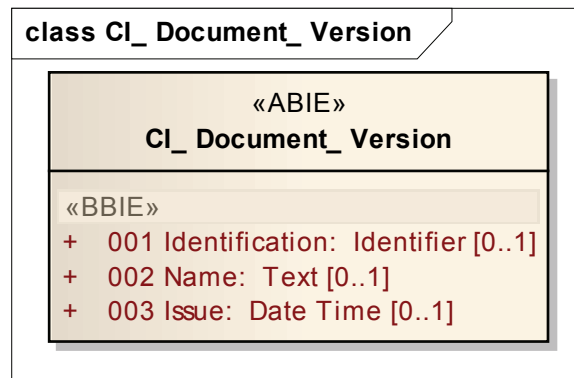
6.4 CIOL_Trade Settlement_Monetary Summation



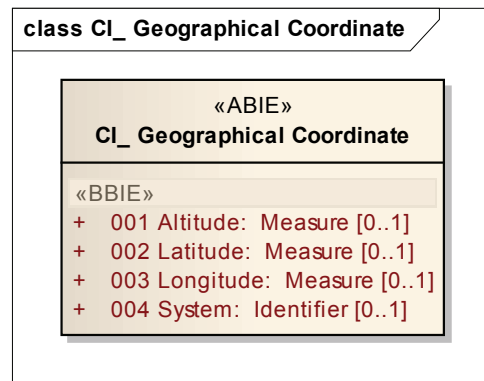
6.5 CI_Document Context_Parameter



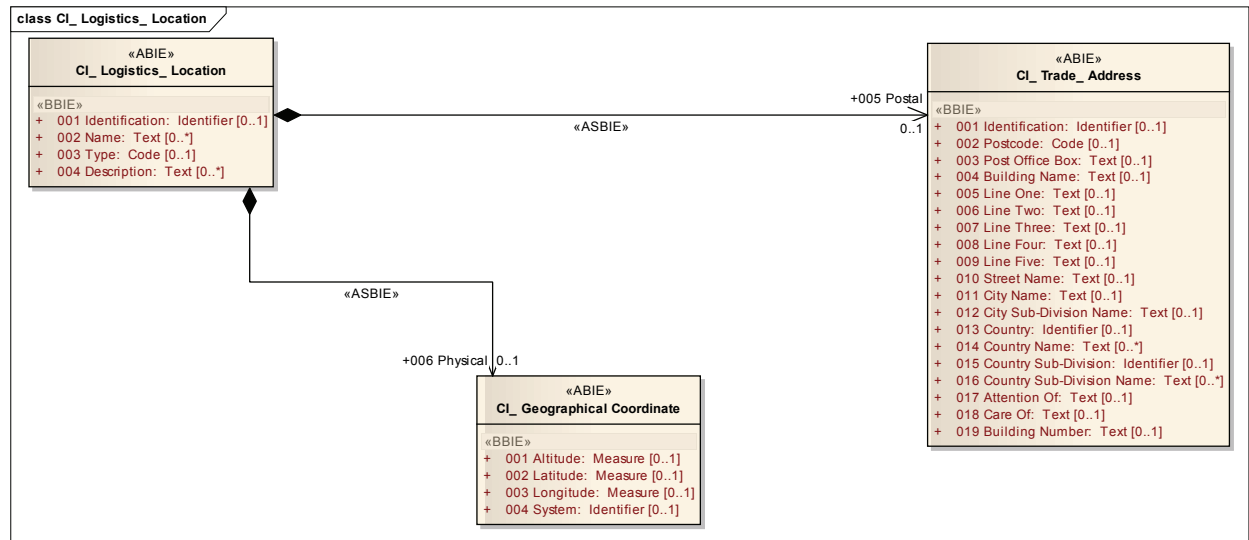
6.6 CI_Document_Version



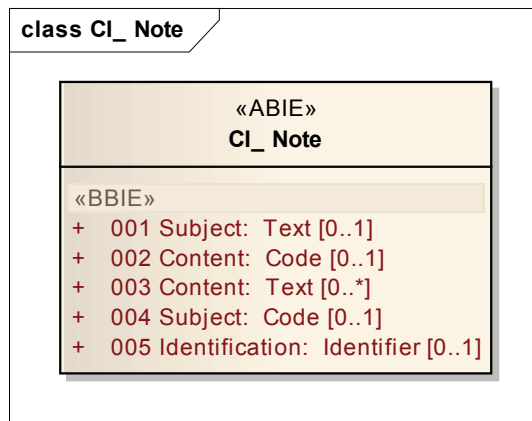
6.7 CI_Geographical Coordinate



6.8 CI_Logistics_Location



6.9 CI_Note



6.10 CI_ Referenced Product

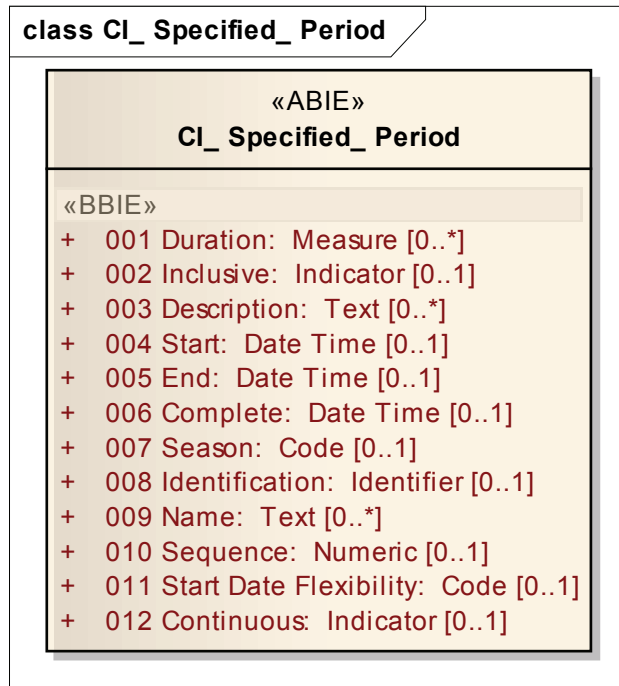
class CI_ Referenced Product

«ABIE»
data:standard:
OpticReusableAggregateBusinessInformationEntity_1.1.0::CI_
Referenced Product

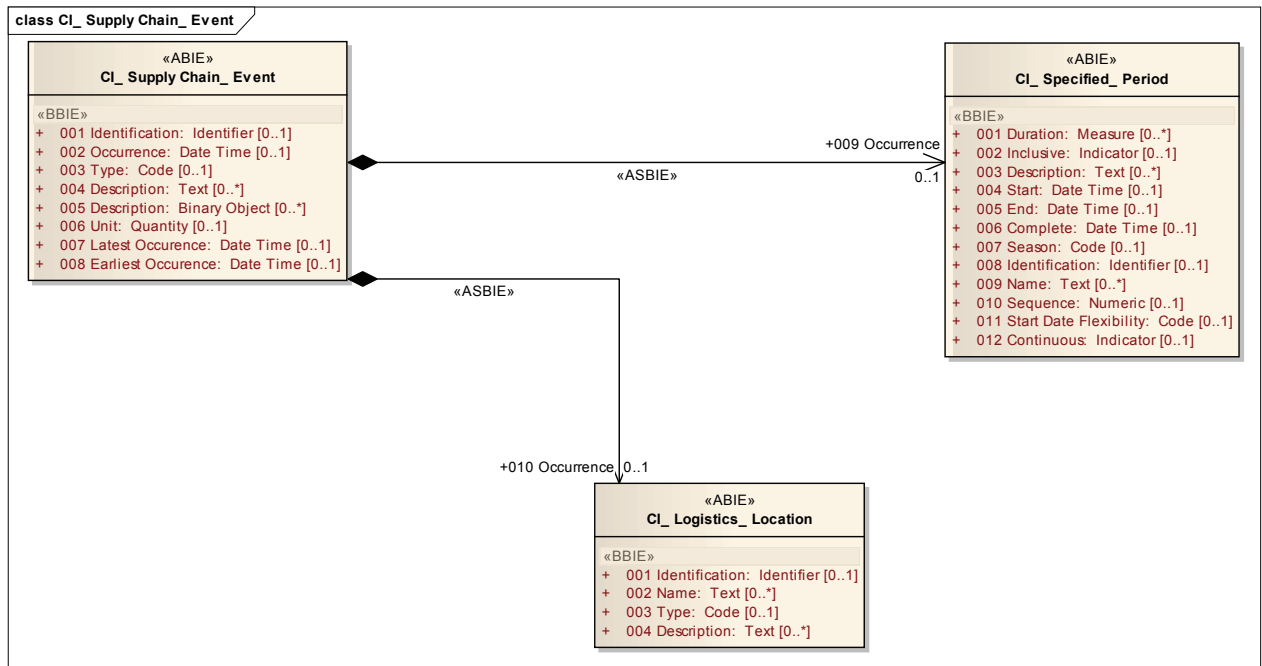
«BBIE»

- + 001 Identification: Identifier [0..*]
- + 002 Global_ Identification: Identifier [0..*]
- + 003 Seller Assigned_ Identification: Identifier [0..1]
- + 004 Buyer Assigned_ Identification: Identifier [0..1]
- + 005 Manufacturer Assigned_ Identification: Identifier [0..1]
- + 006 Industry Assigned_ Identification: Identifier [0..1]
- + 007 Description: Text [0..*]
- + 008 RelationShip Type: Code [0..*]
- + 009 Unit: Quantity [0..*]

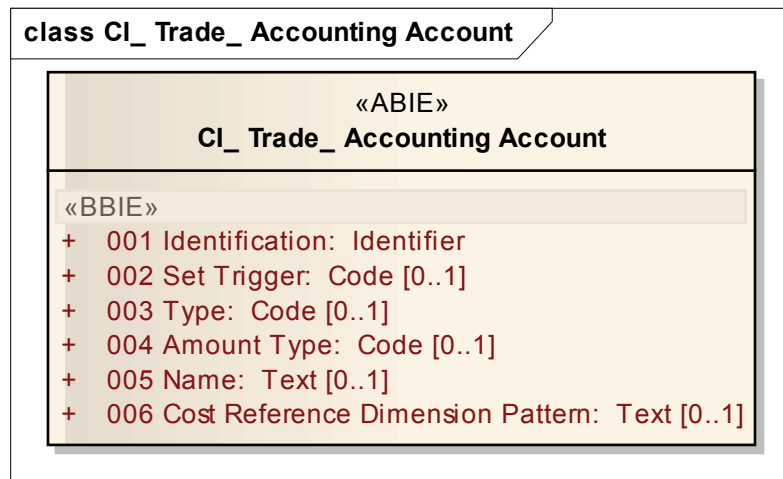
6.11 CI_Specified_Period



6.12 CI_Supply Chain_Event



6.13 CI_Trade_Accounting Account



6.14 CI_Trade_Address

class CI_Trade_Address

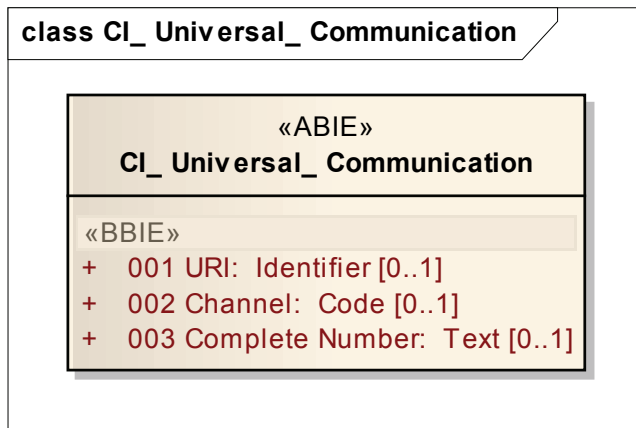
«ABIE»

CI_Trade_Address

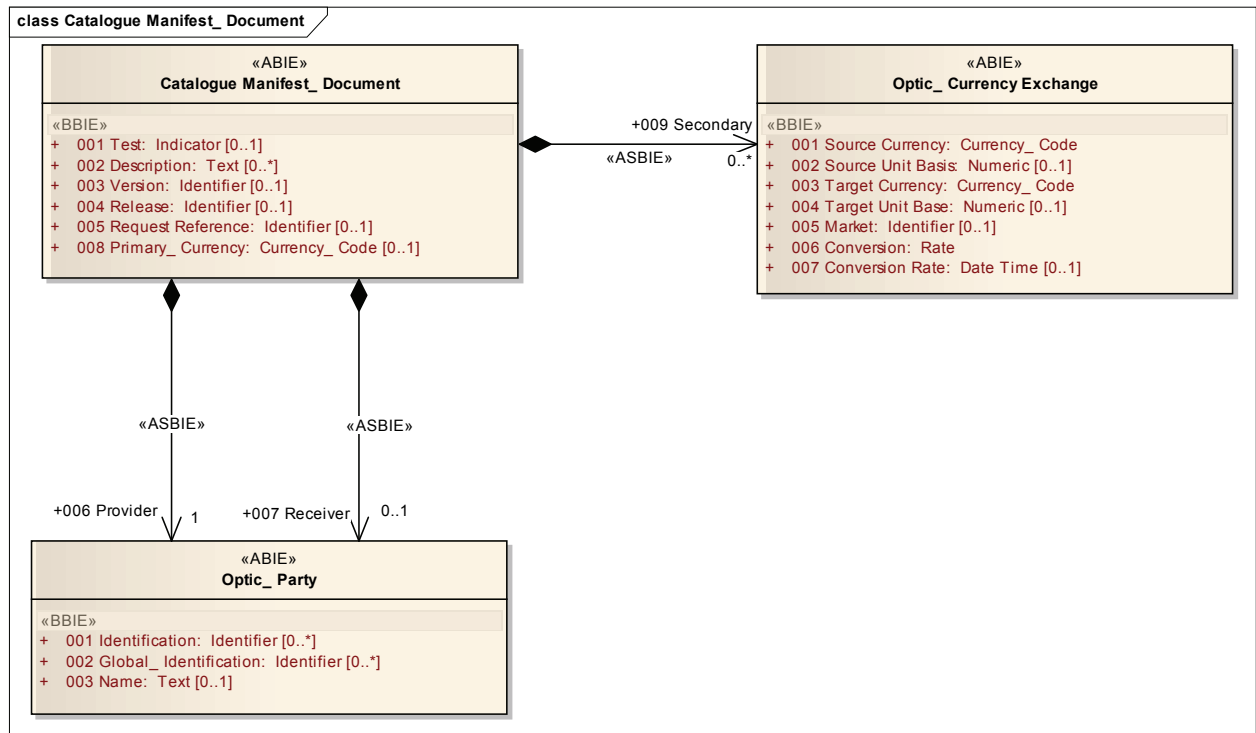
«BBIE»

- + 001 Identification: Identifier [0..1]
- + 002 Postcode: Code [0..1]
- + 003 Post Office Box: Text [0..1]
- + 004 Building Name: Text [0..1]
- + 005 Line One: Text [0..1]
- + 006 Line Two: Text [0..1]
- + 007 Line Three: Text [0..1]
- + 008 Line Four: Text [0..1]
- + 009 Line Five: Text [0..1]
- + 010 Street Name: Text [0..1]
- + 011 City Name: Text [0..1]
- + 012 City Sub-Division Name: Text [0..1]
- + 013 Country: Identifier [0..1]
- + 014 Country Name: Text [0..*]
- + 015 Country Sub-Division: Identifier [0..1]
- + 016 Country Sub-Division Name: Text [0..*]
- + 017 Attention Of: Text [0..1]
- + 018 Care Of: Text [0..1]
- + 019 Building Number: Text [0..1]

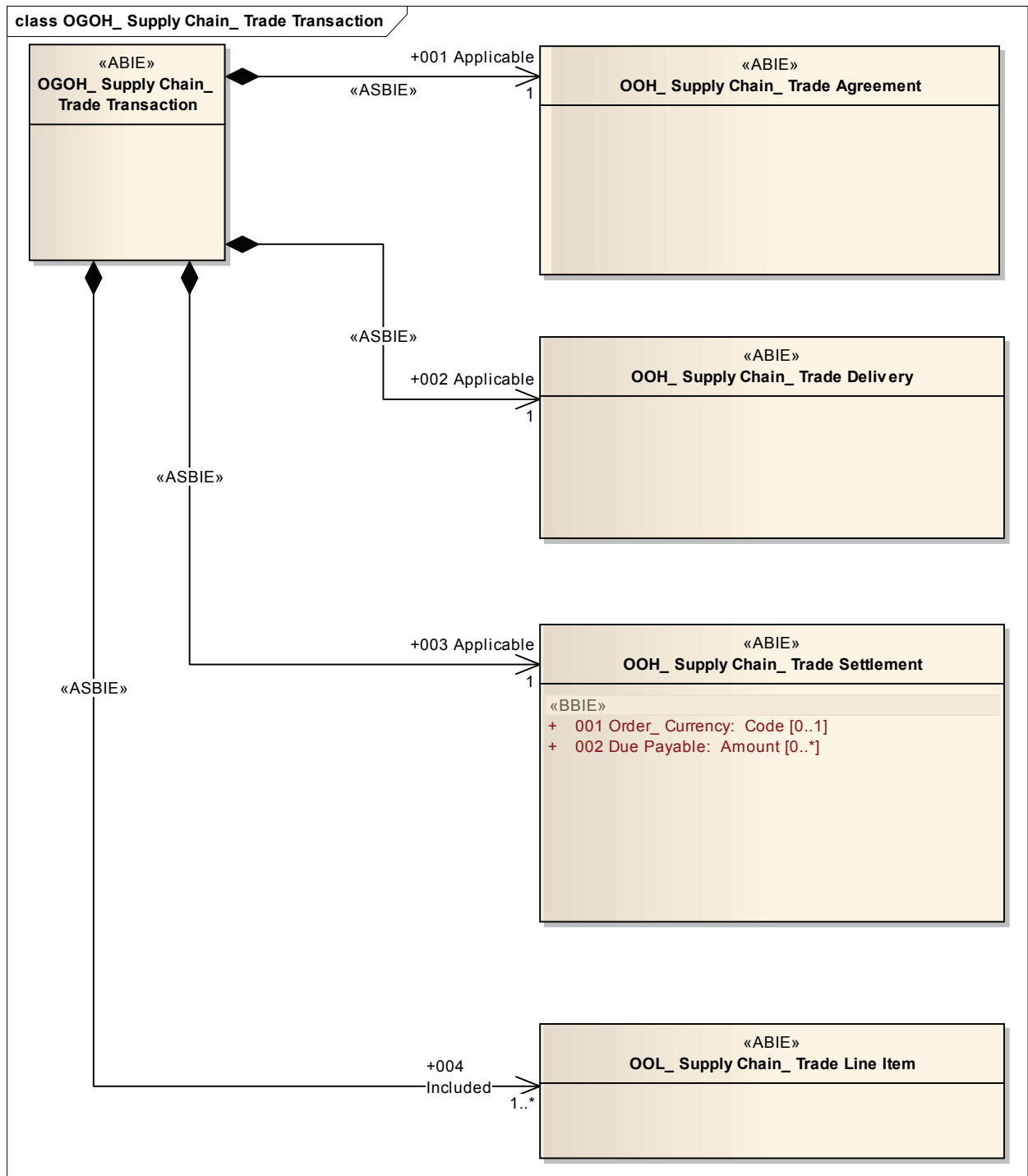
6.15 CI_Universal_Communication



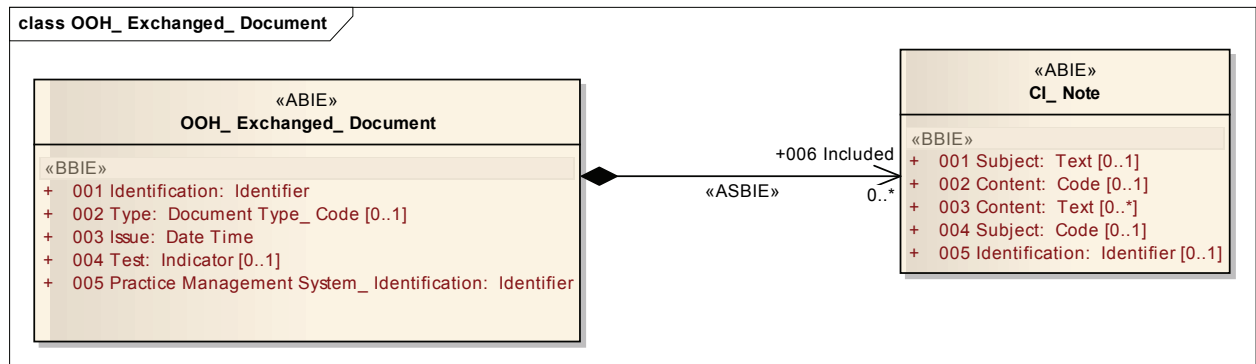
6.16 Catalogue Manifest_Document



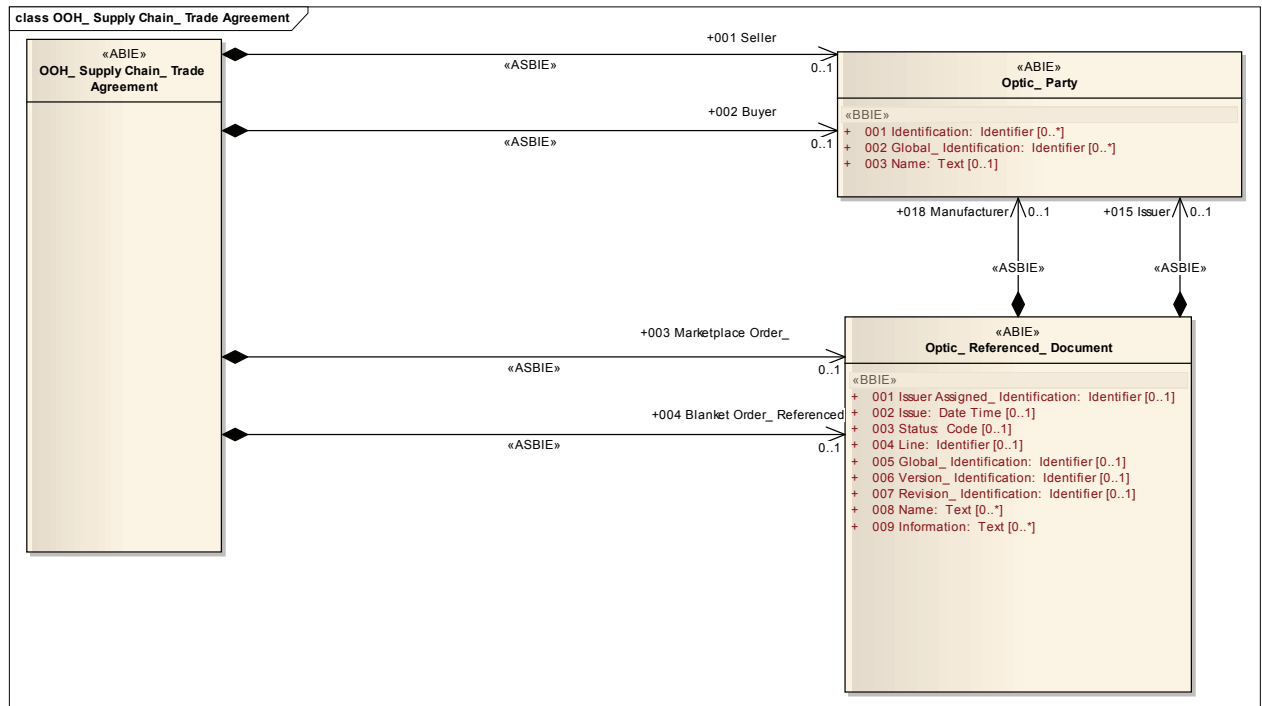
6.17 OGOH_Supply Chain_Trade Transaction



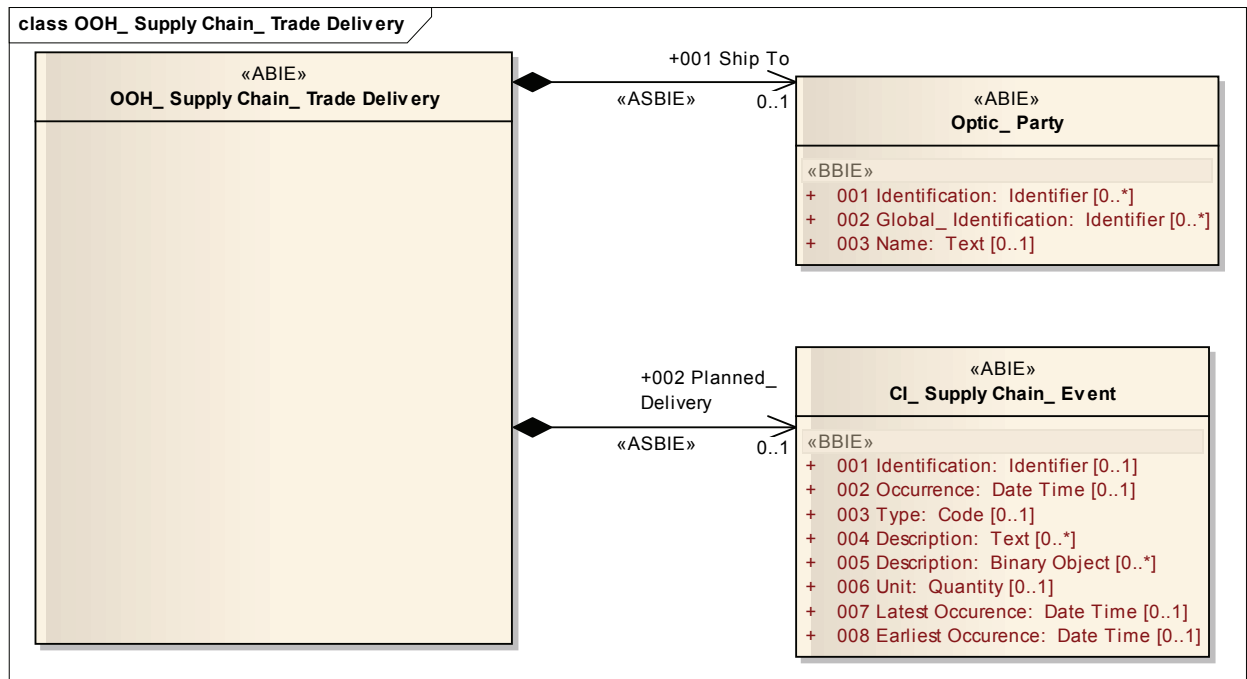
6.18 OOH_ Exchanged_ Document



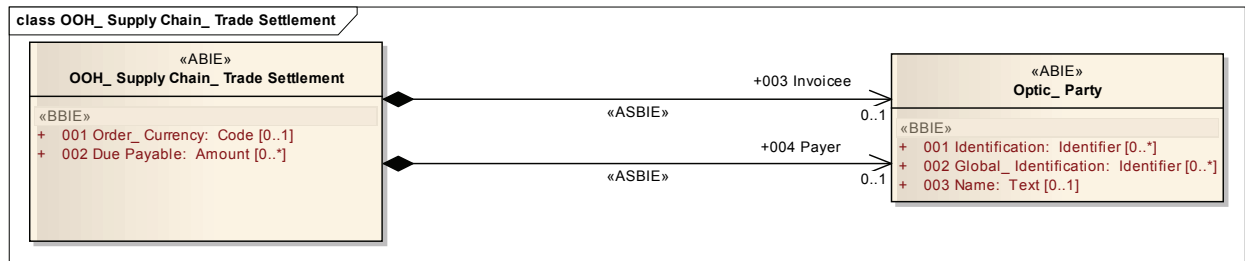
6.19 OOH_Supply Chain_Trade Agreement



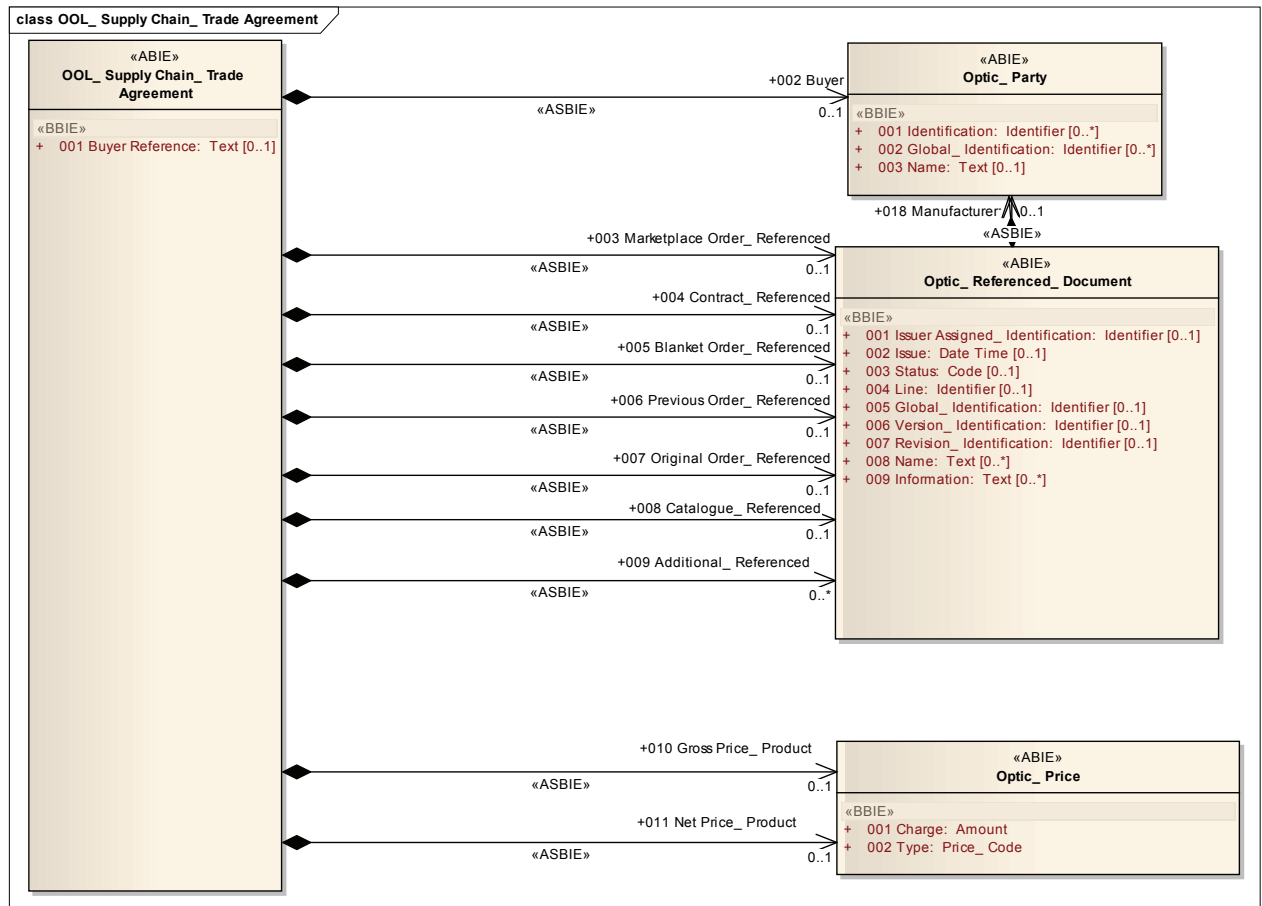
6.20 OOH_ Supply Chain_ Trade Delivery



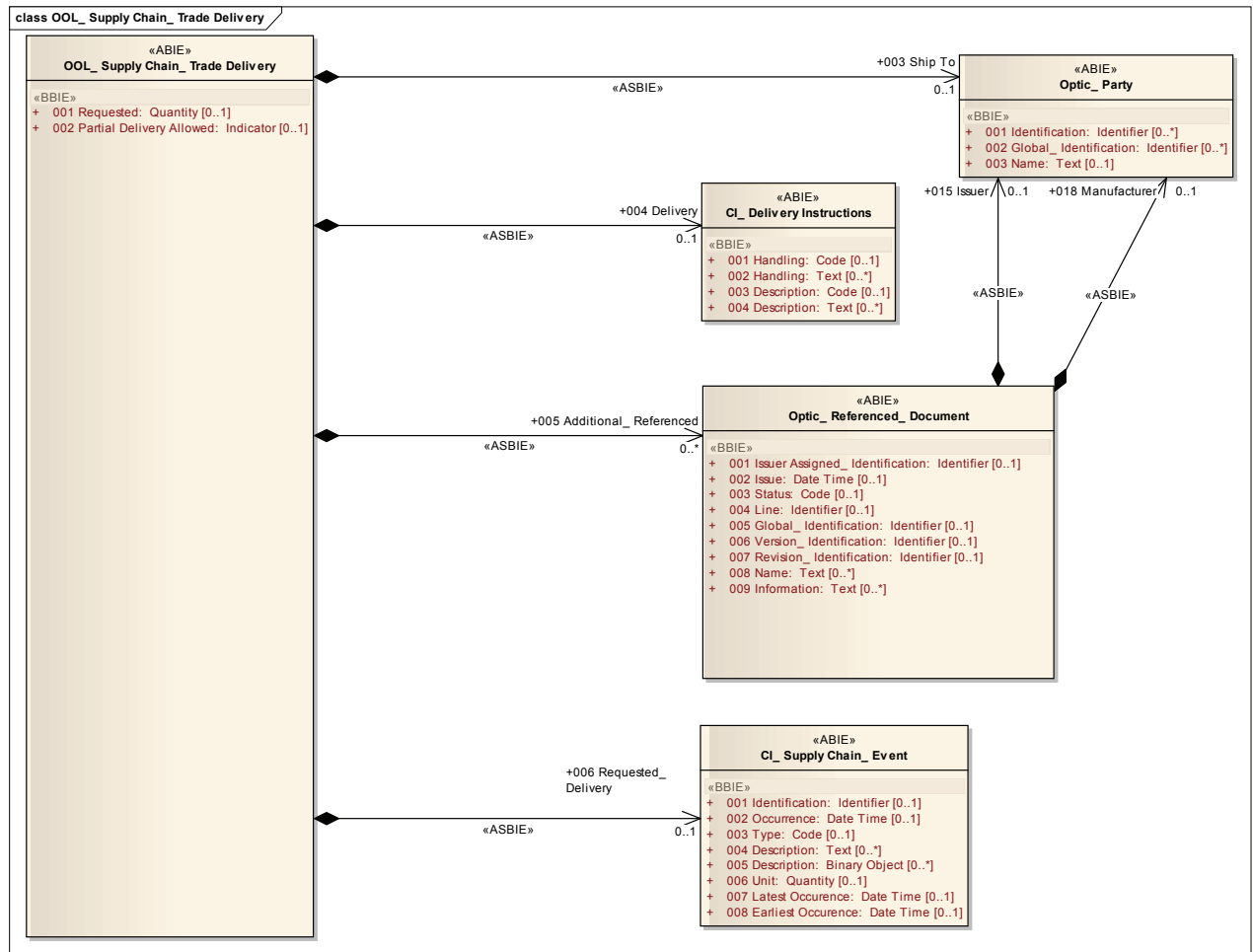
6.21 OOH_Supply Chain_Trade Settlement



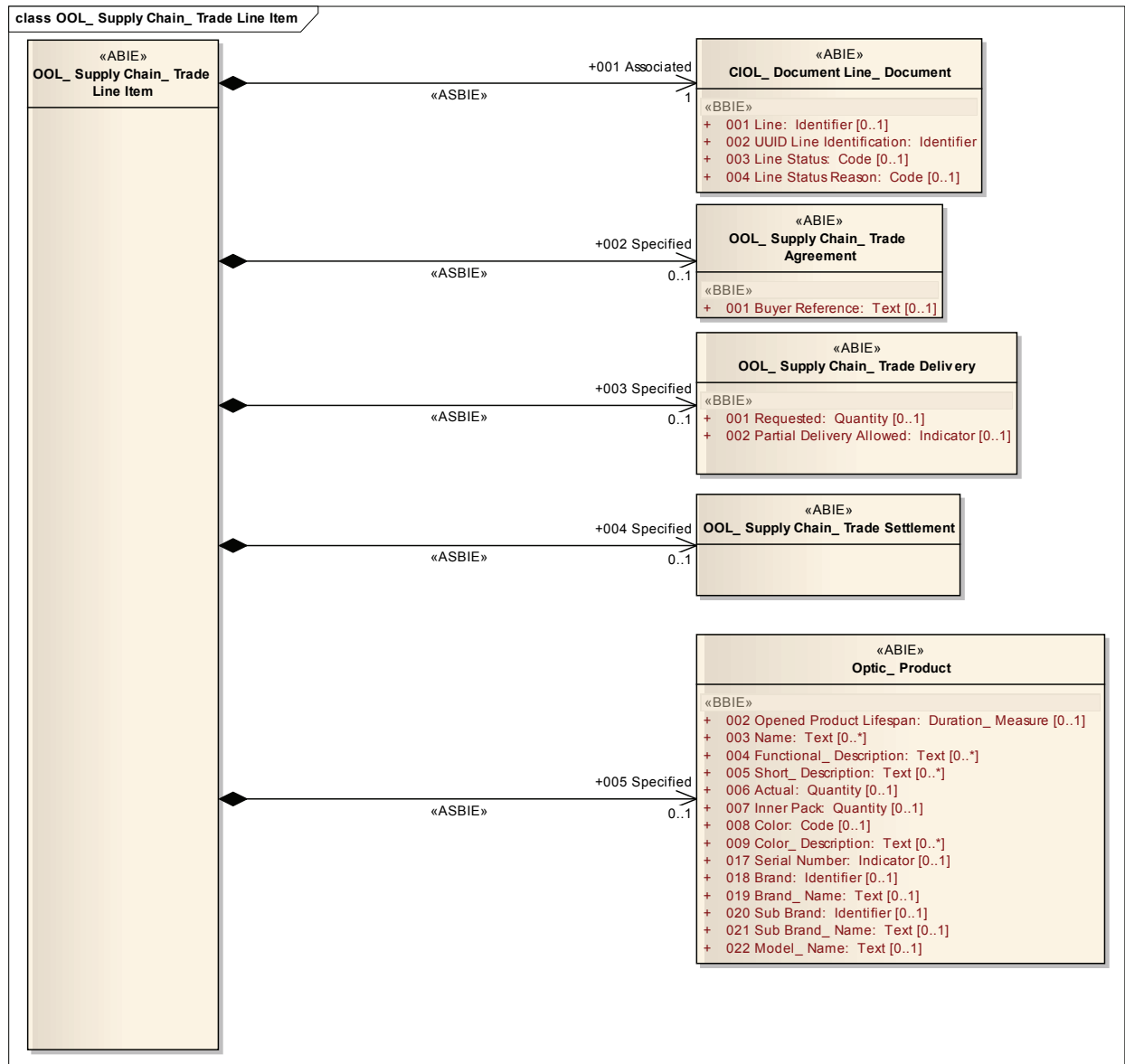
6.22 OOL_Supply Chain_Trade Agreement



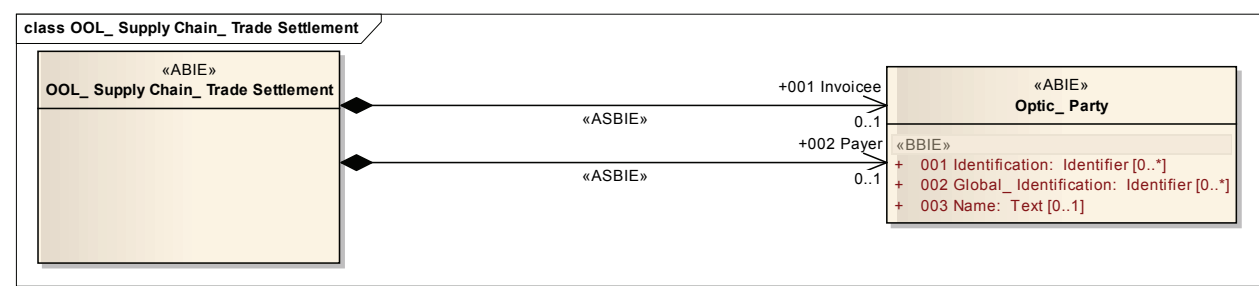
6.23 OOL_Supply Chain_Trade Delivery



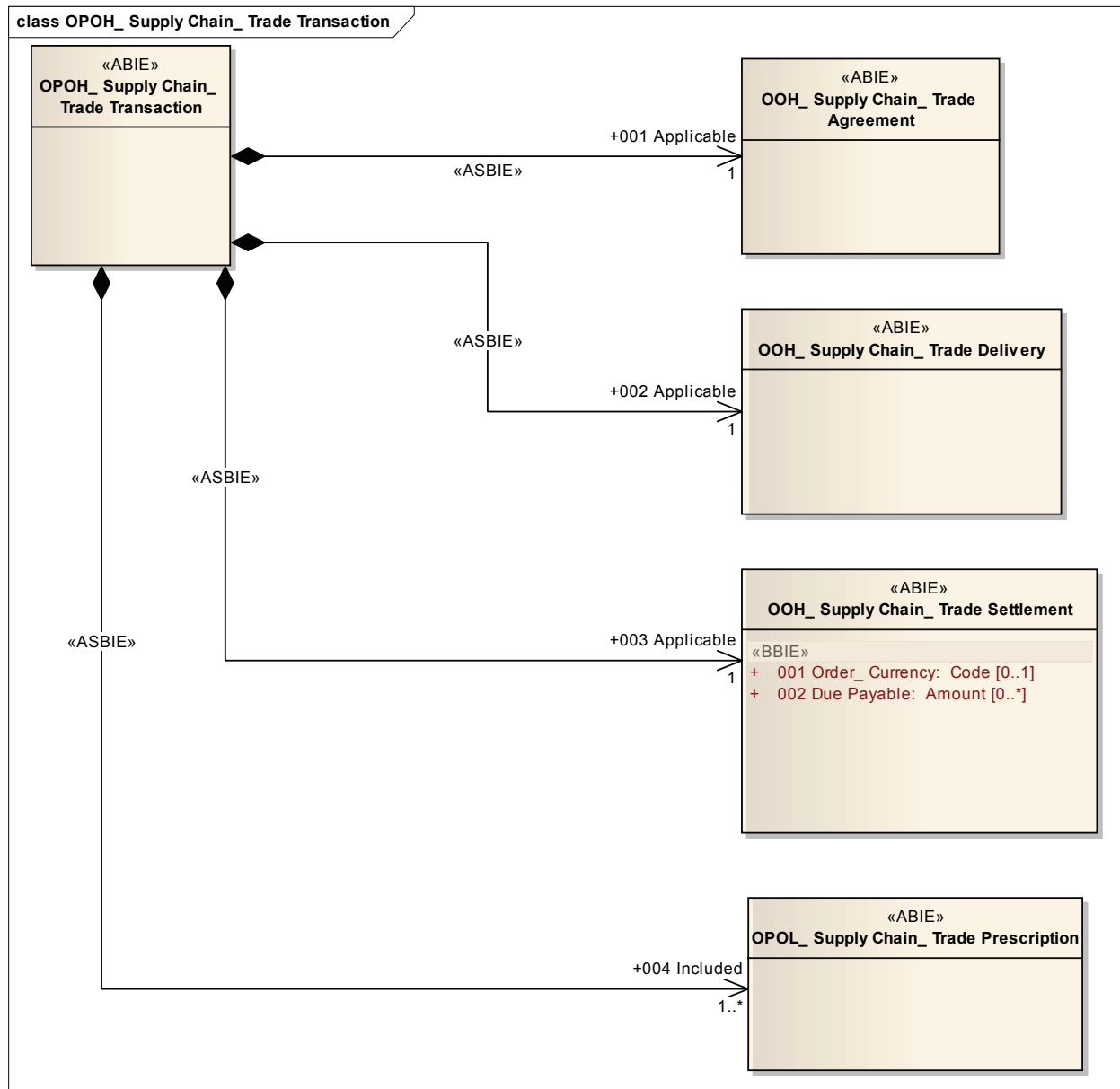
6.24 OOL_Supply Chain_Trade Line Item



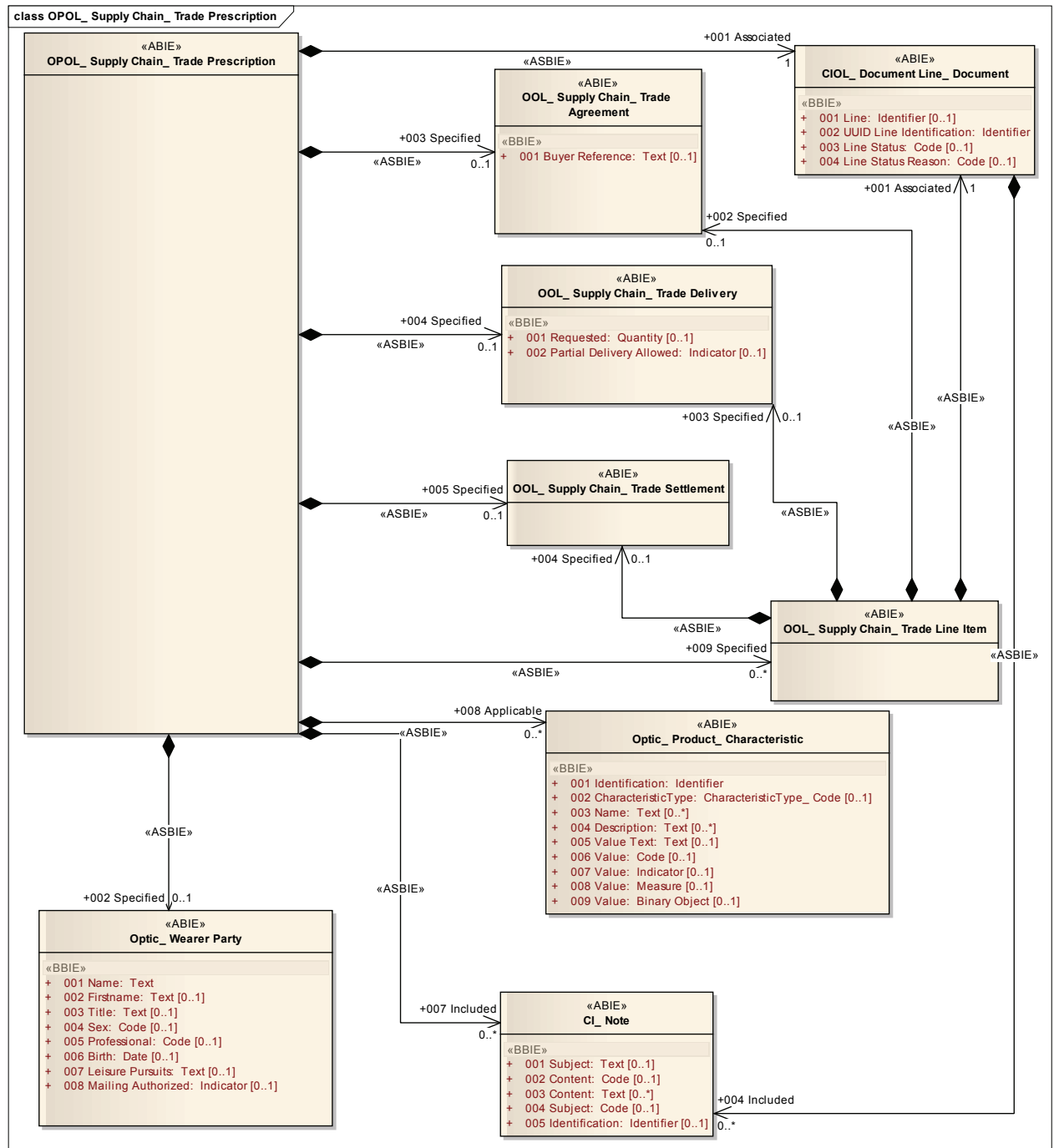
6.25 OOL_ Supply Chain_ Trade Settlement



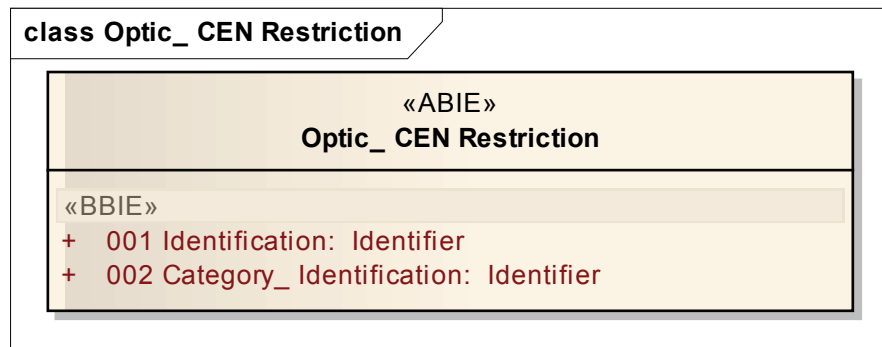
6.26 OPOH_Supply Chain_Trade Transaction



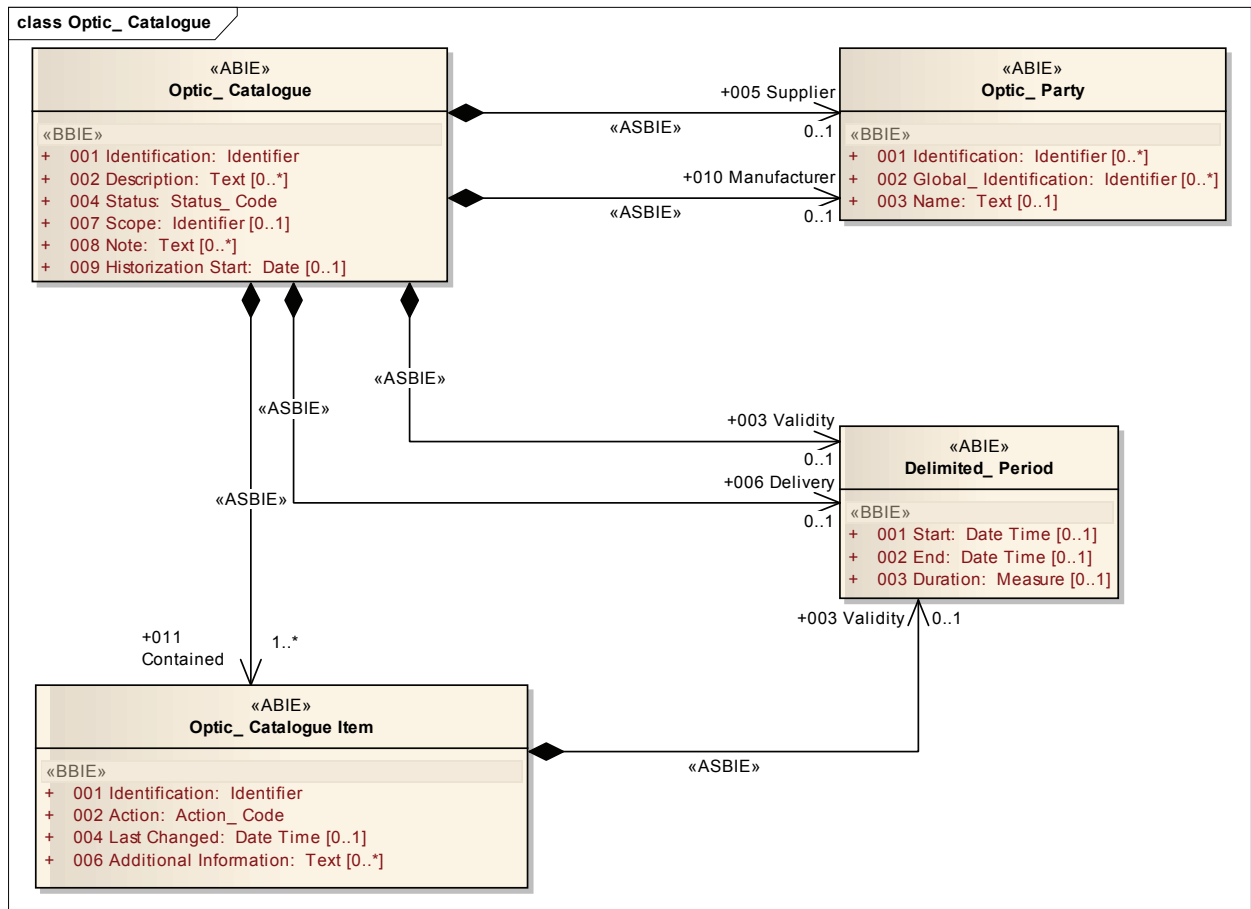
6.27 OPOL_ Supply Chain_ Trade Prescription



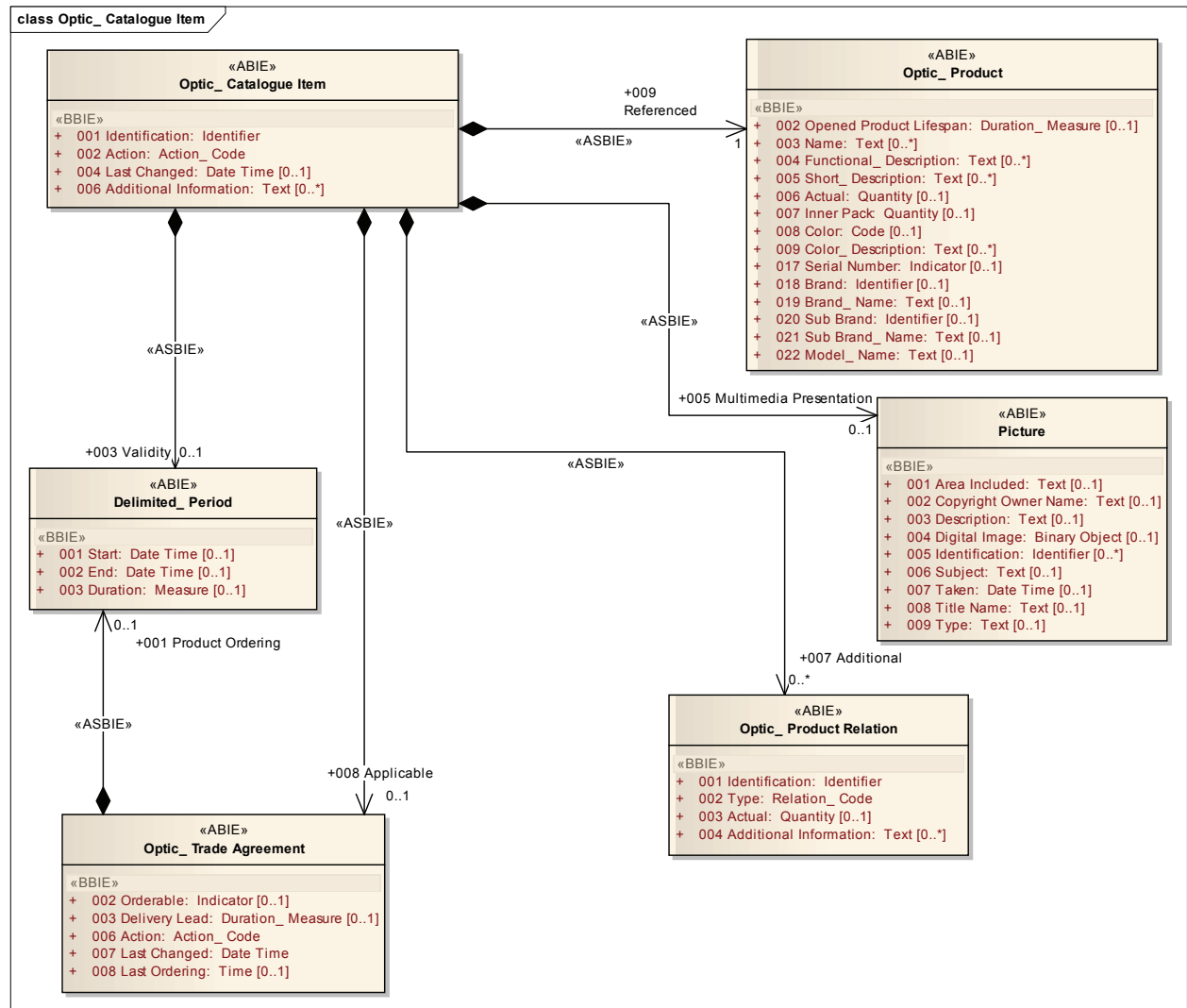
6.28 Optic_CEN Restriction



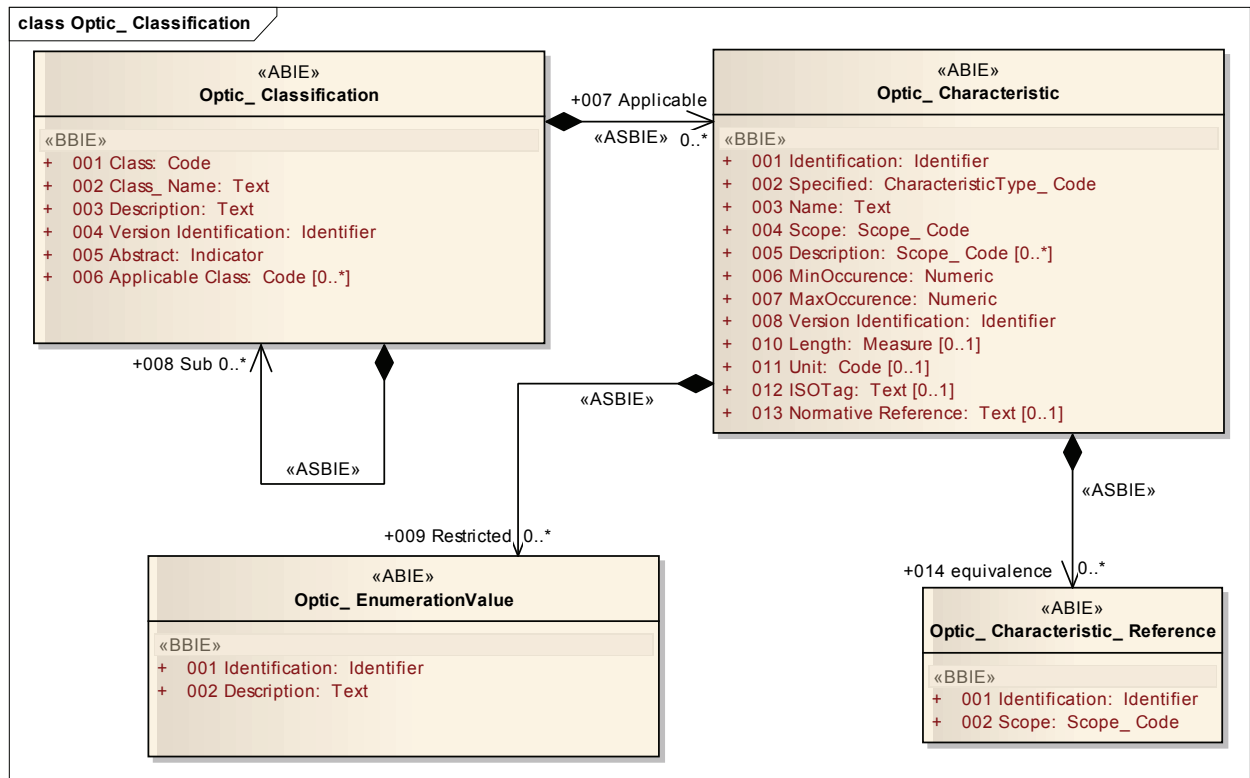
6.29 Optic_Catalogue



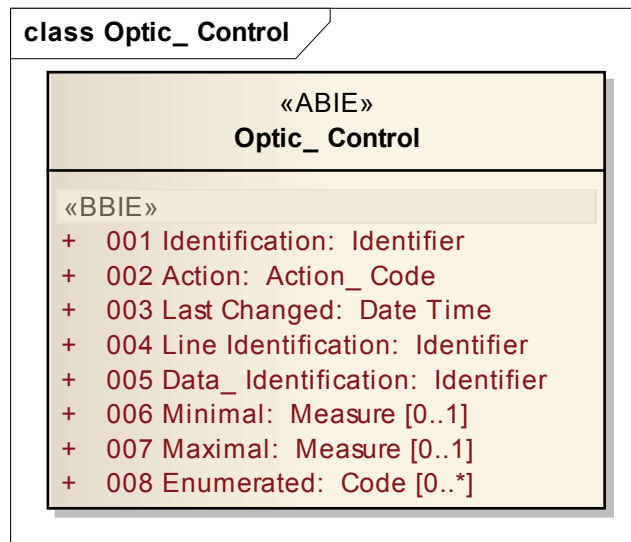
6.30 Optic_Catalogue Item



6.31 Optic_Classification



6.32 Optic_Control



6.33 Optic_Currency Exchange

class Optic_Currency Exchange

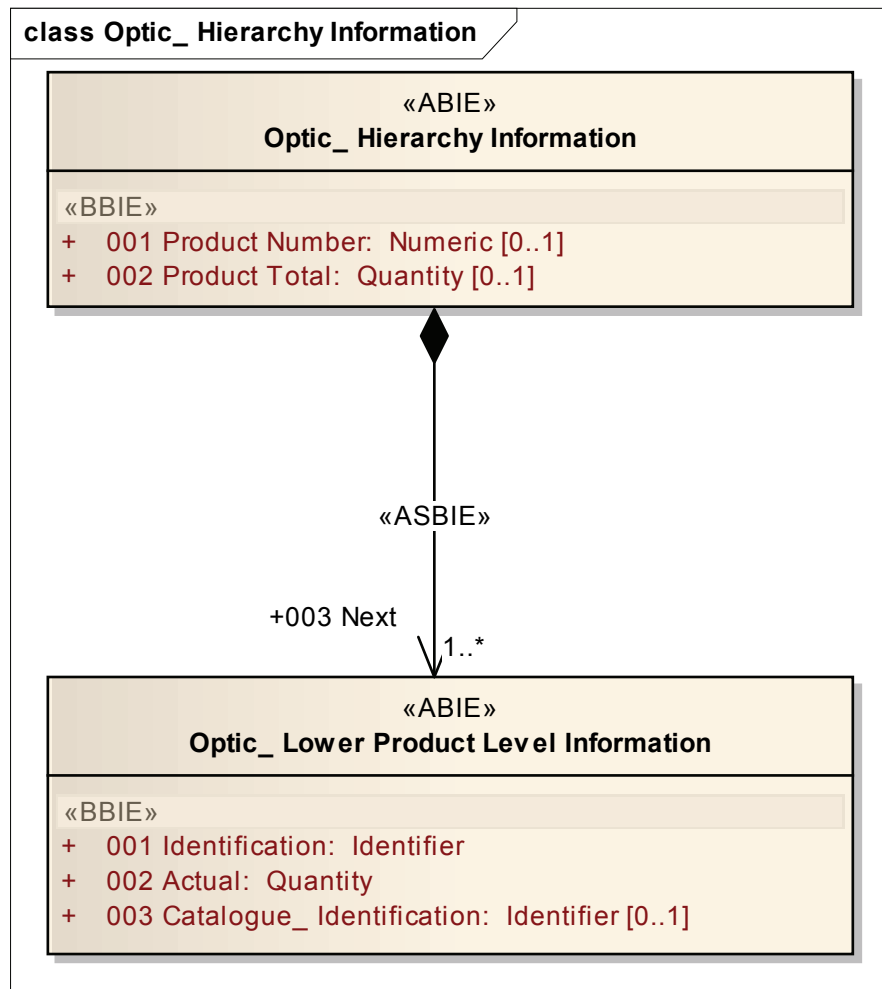
«ABIE»

Optic_Currency Exchange

«BBIE»

- + 001 Source Currency: Currency_Code
- + 002 Source Unit Basis: Numeric [0..1]
- + 003 Target Currency: Currency_Code
- + 004 Target Unit Base: Numeric [0..1]
- + 005 Market: Identifier [0..1]
- + 006 Conversion: Rate
- + 007 Conversion Rate: Date Time [0..1]

6.34 Optic_Hierarchy Information



6.35 Optic_Legal Organization

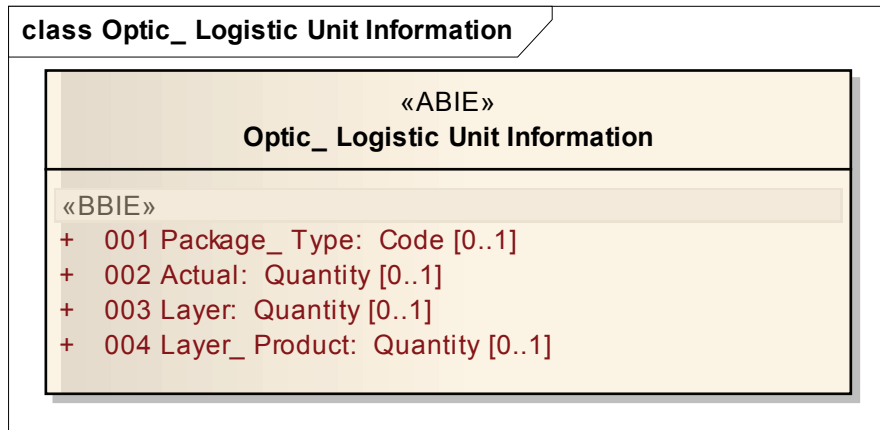
class Optic_Legal Organization

«ABIE»
data:standard:
OpticReusableAggregateBusinessInformationEntity_1.1.0::
Optic_Legal_Organization

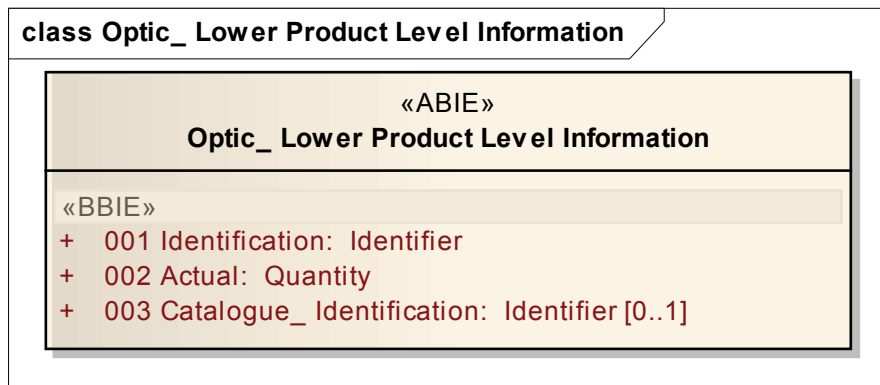
«BBIE»

- + 001 Legal Classification: Code [0..1]
- + 002 Name: Text [0..1]
- + 003 Identification: Identifier [0..1]

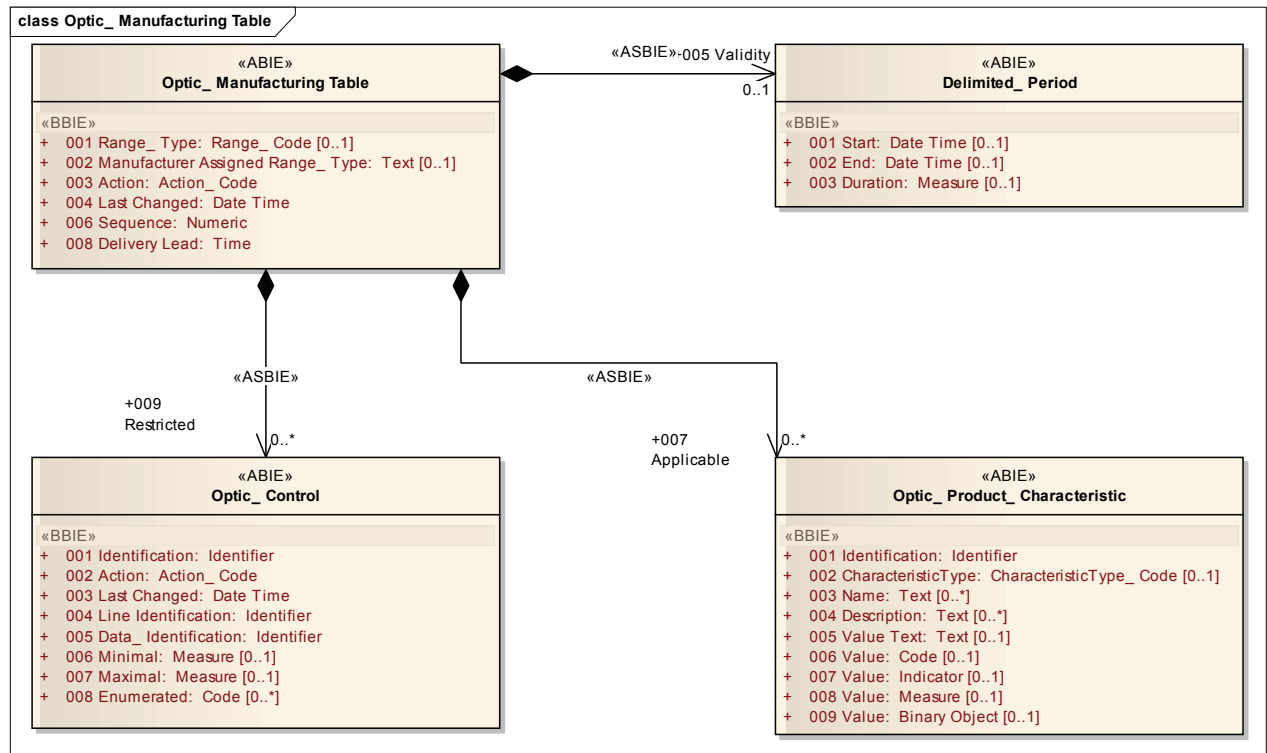
6.36 Optic_ Logistic Unit Information



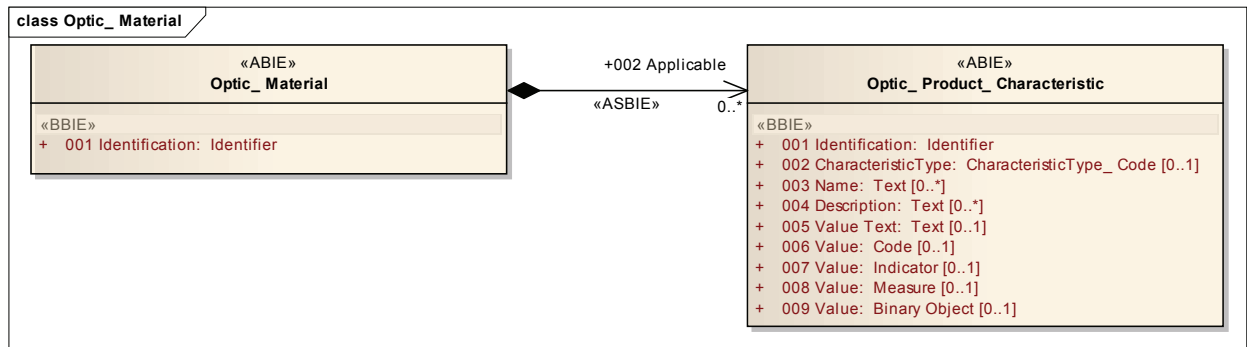
6.37 Optic_ Lower Product Level Information



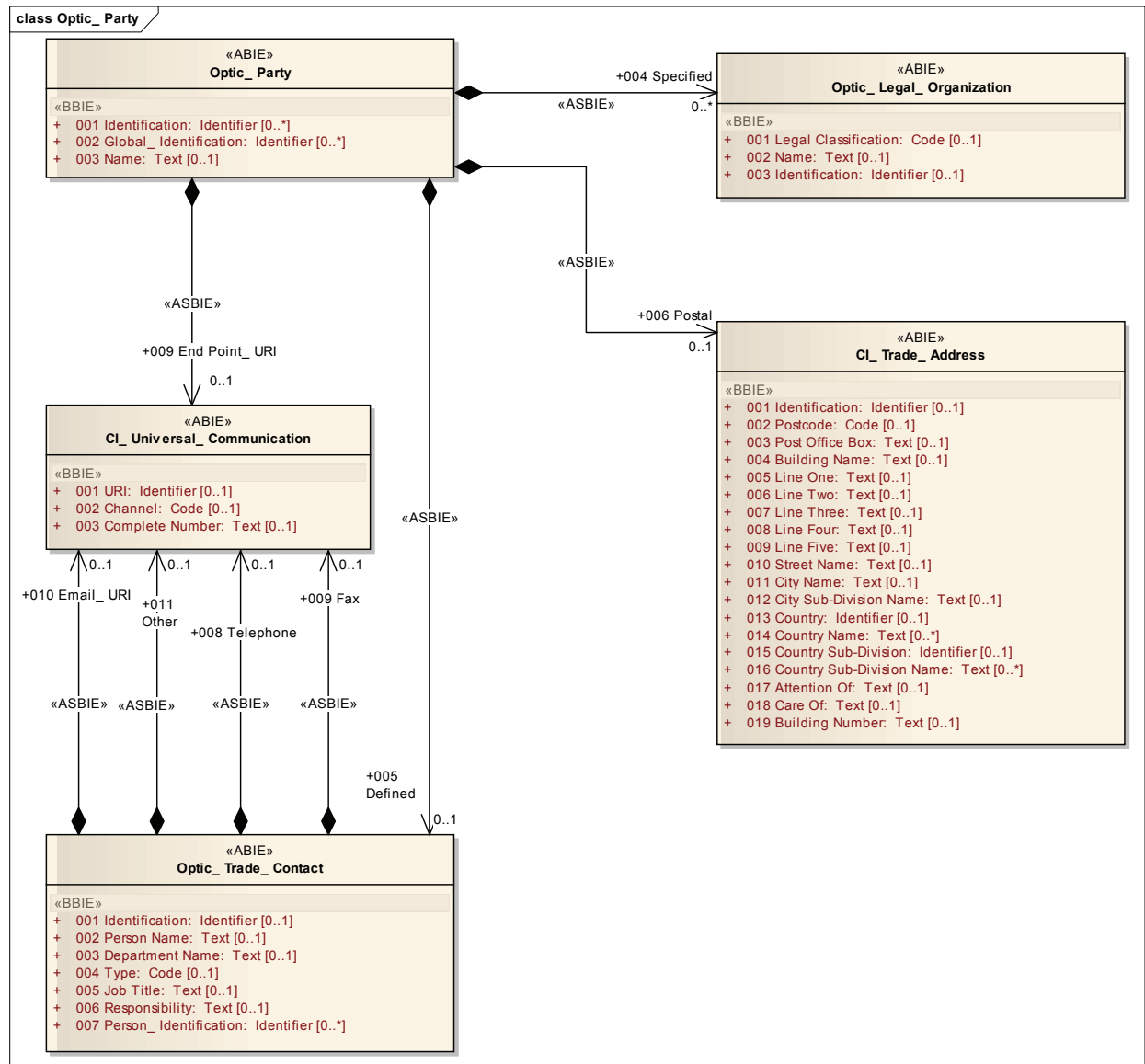
6.38 Optic_Manufacturing Table



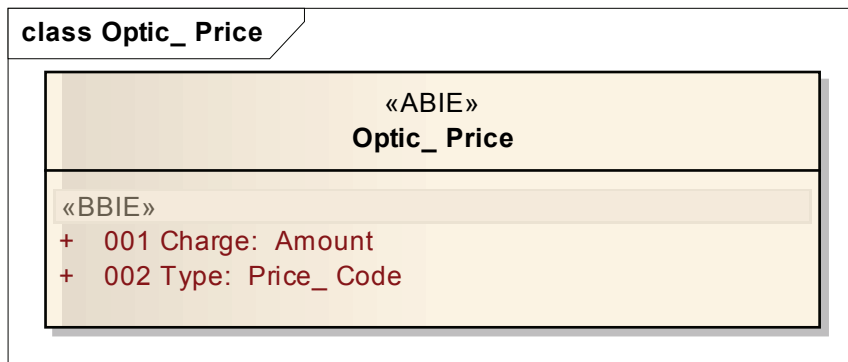
6.39 Optic_Material



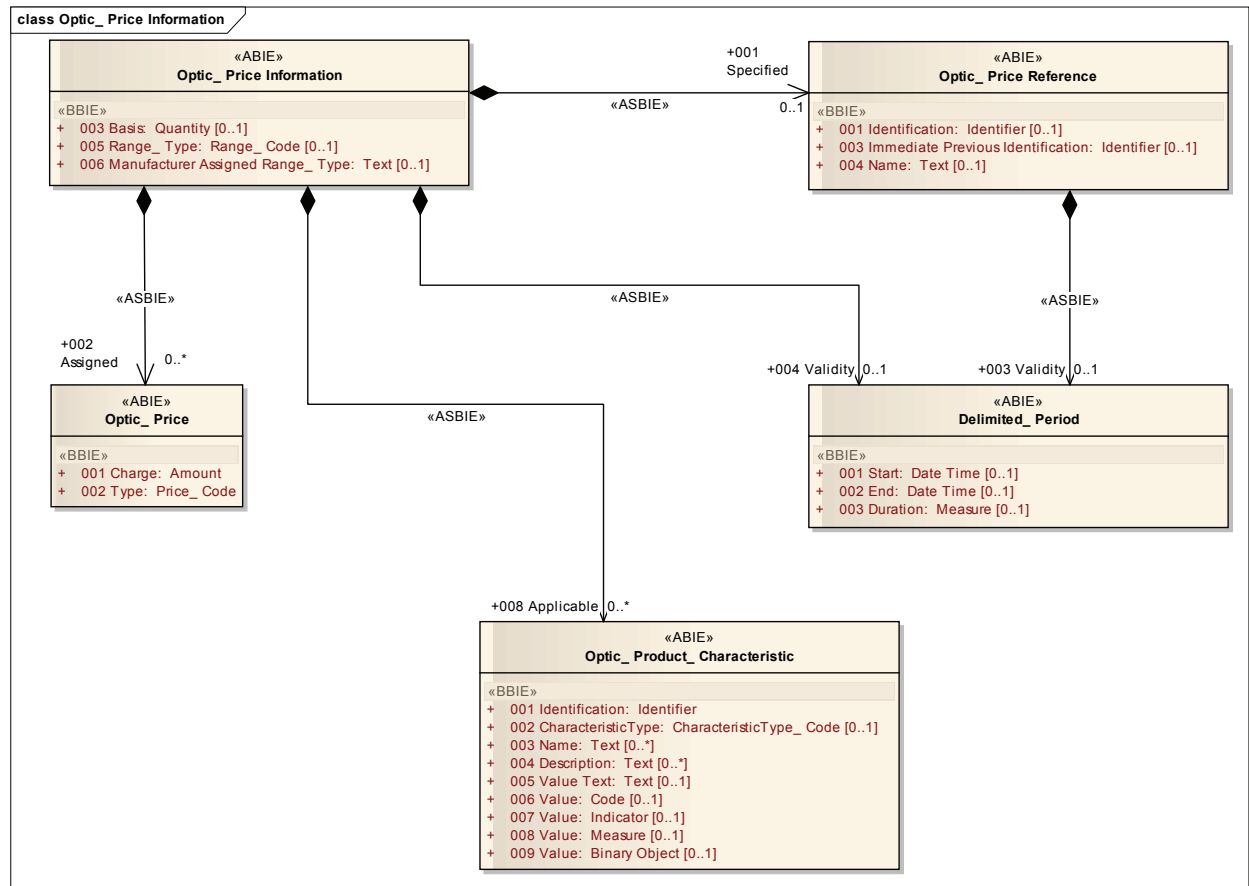
6.40 Optic_Party



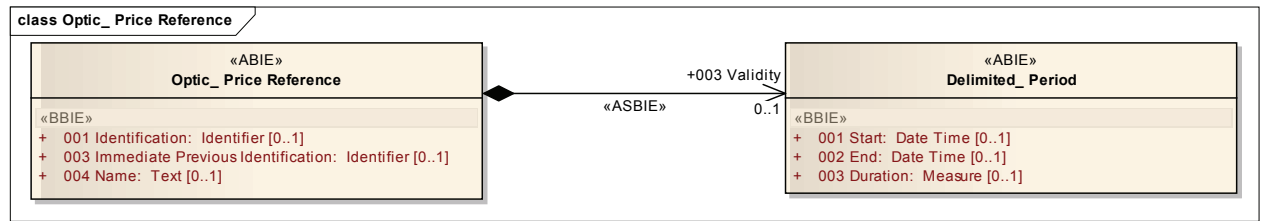
6.41 Optic_Price



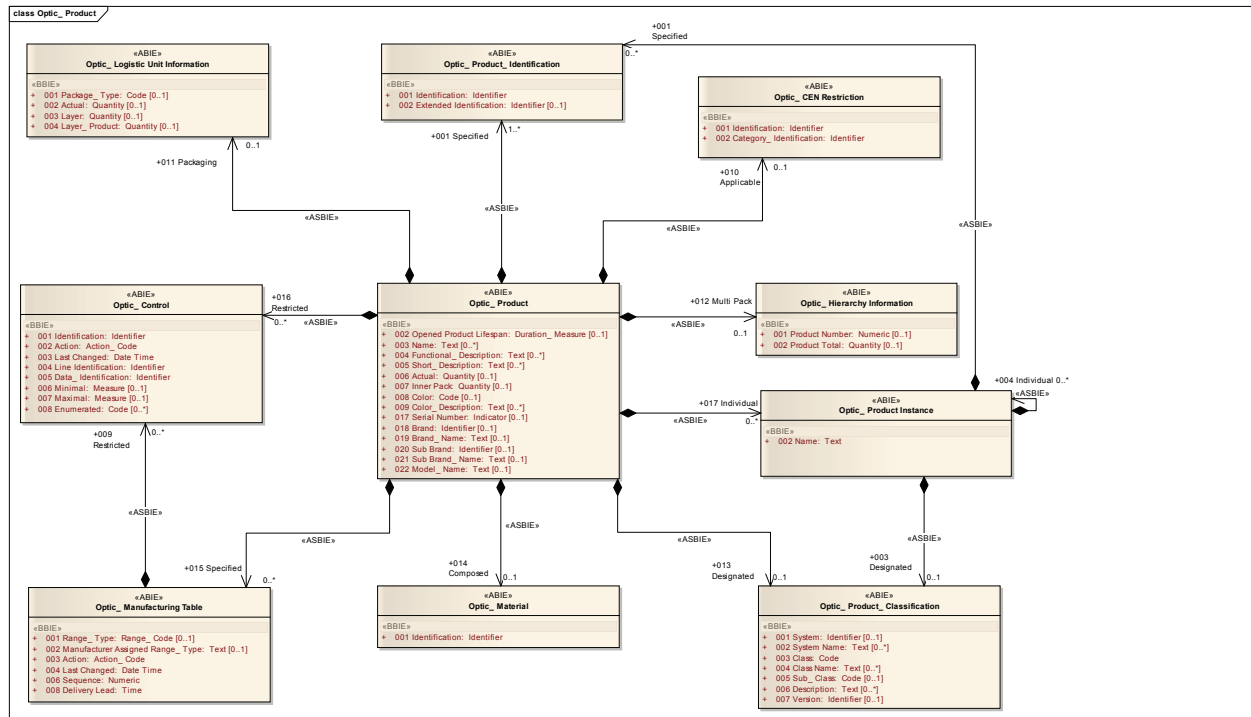
6.42 Optic_Price Information



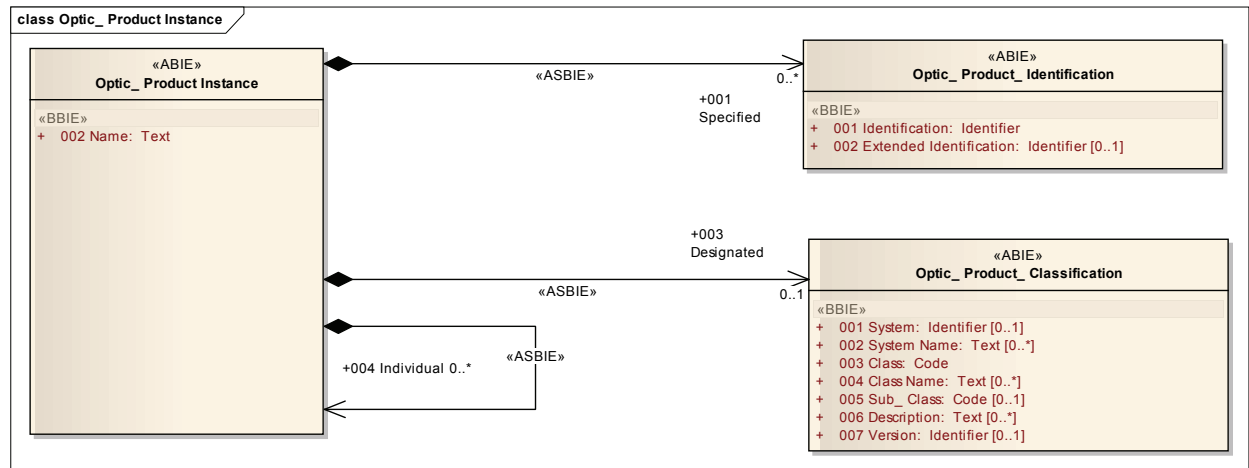
6.43 Optic_Price Reference



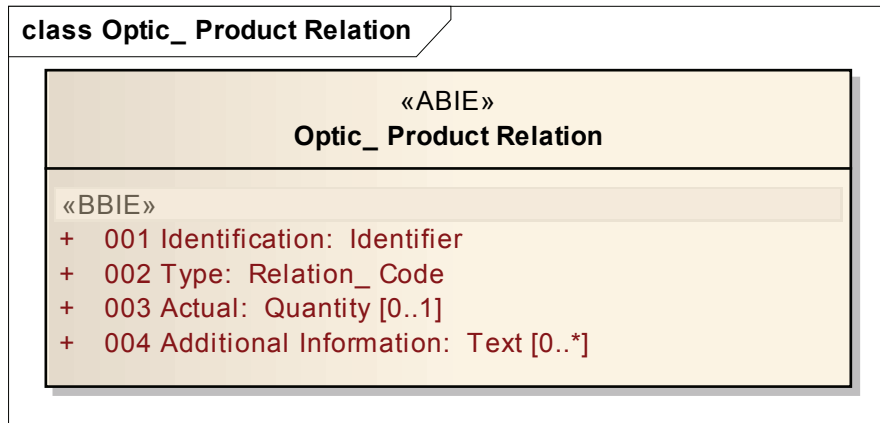
6.44 Optic_Product



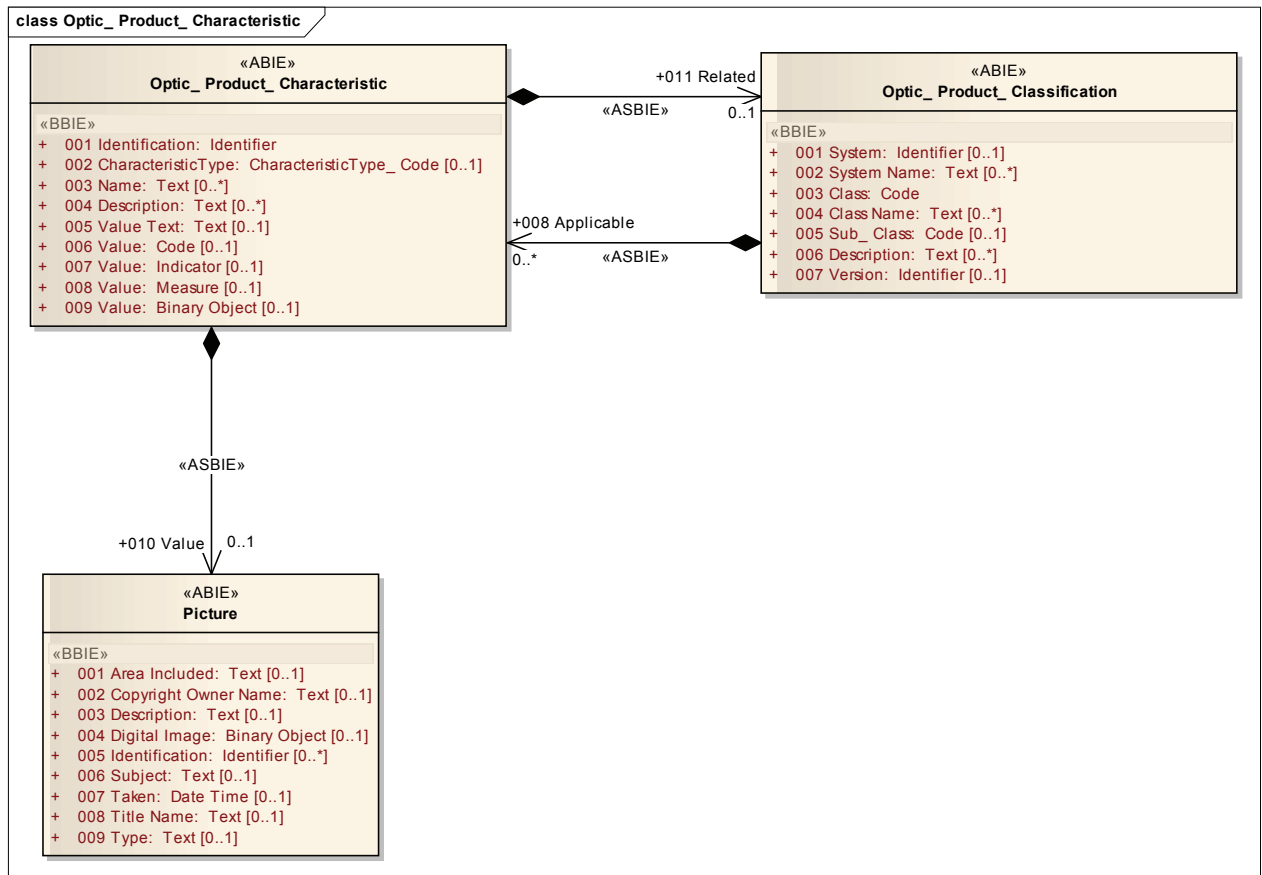
6.45 Optic_Product Instance



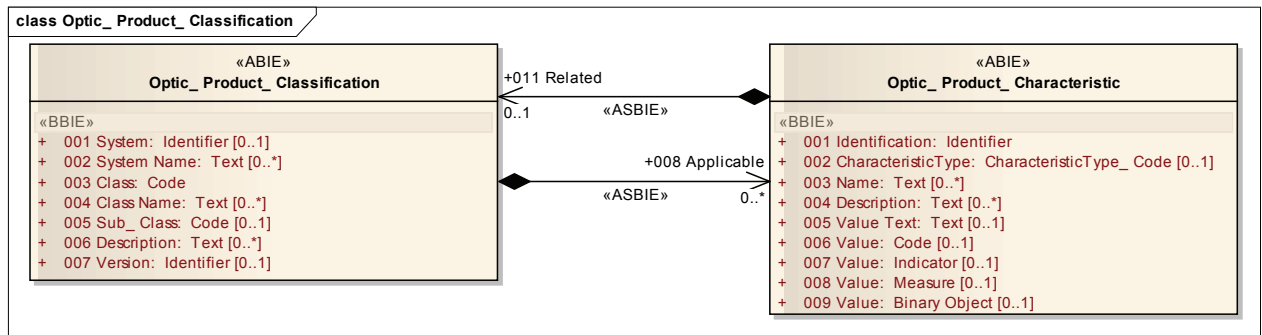
6.46 Optic_Product Relation



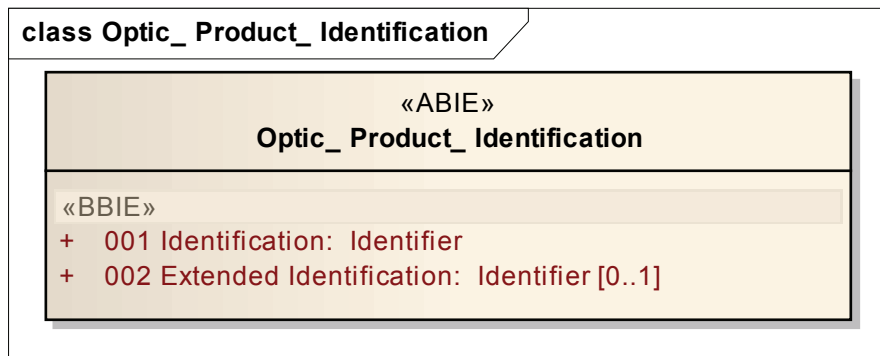
6.47 Optic_Product_Characteristic



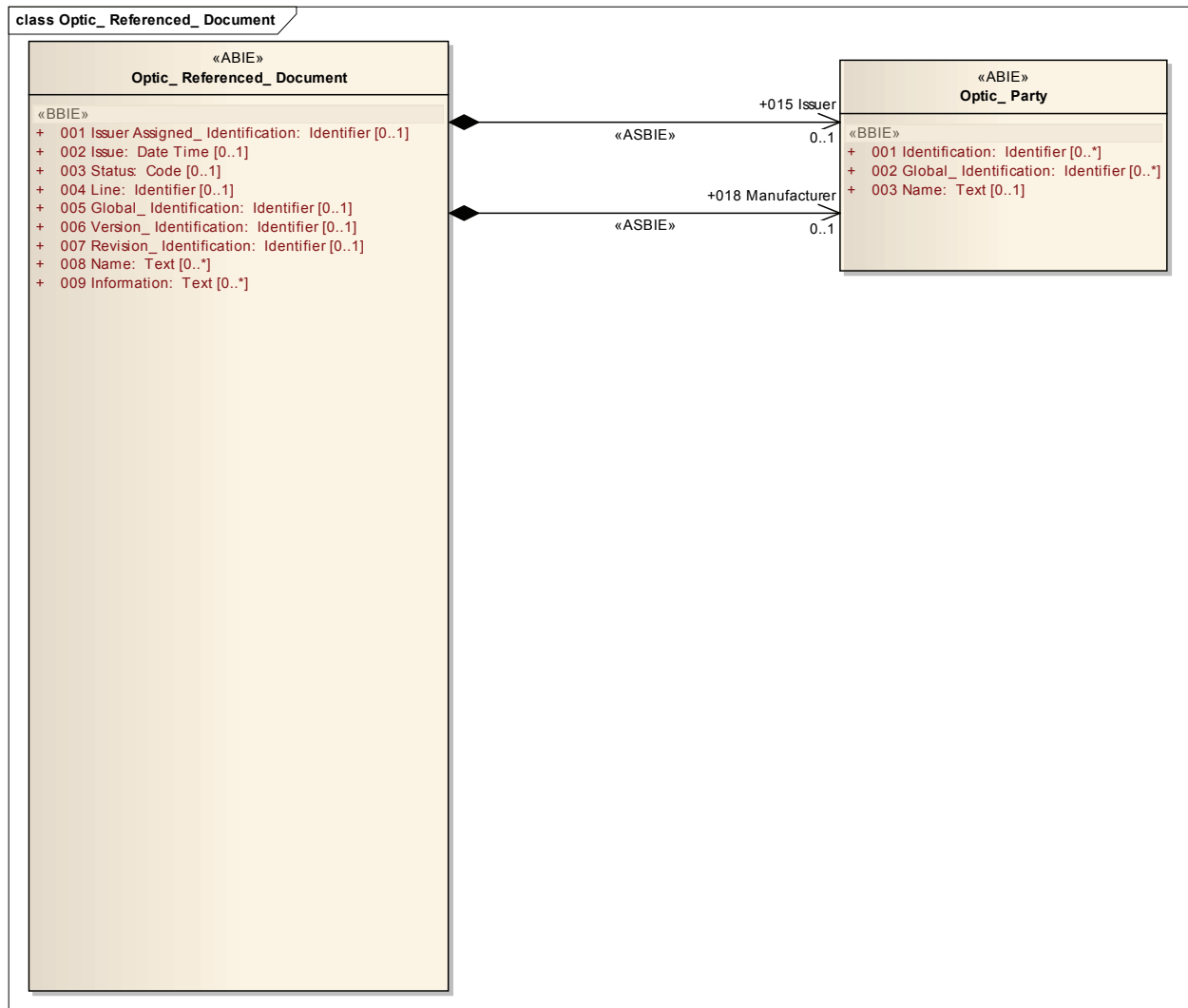
6.48 Optic_Product_Classification



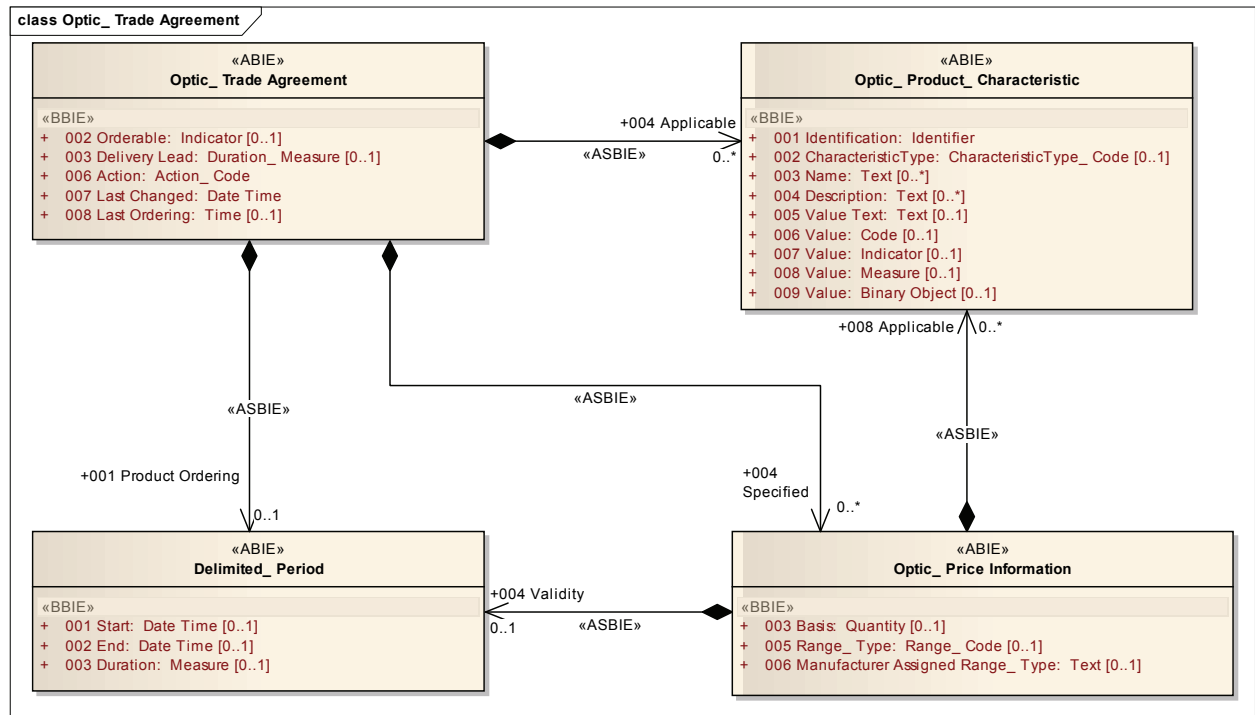
6.49 Optic_Product_Identification



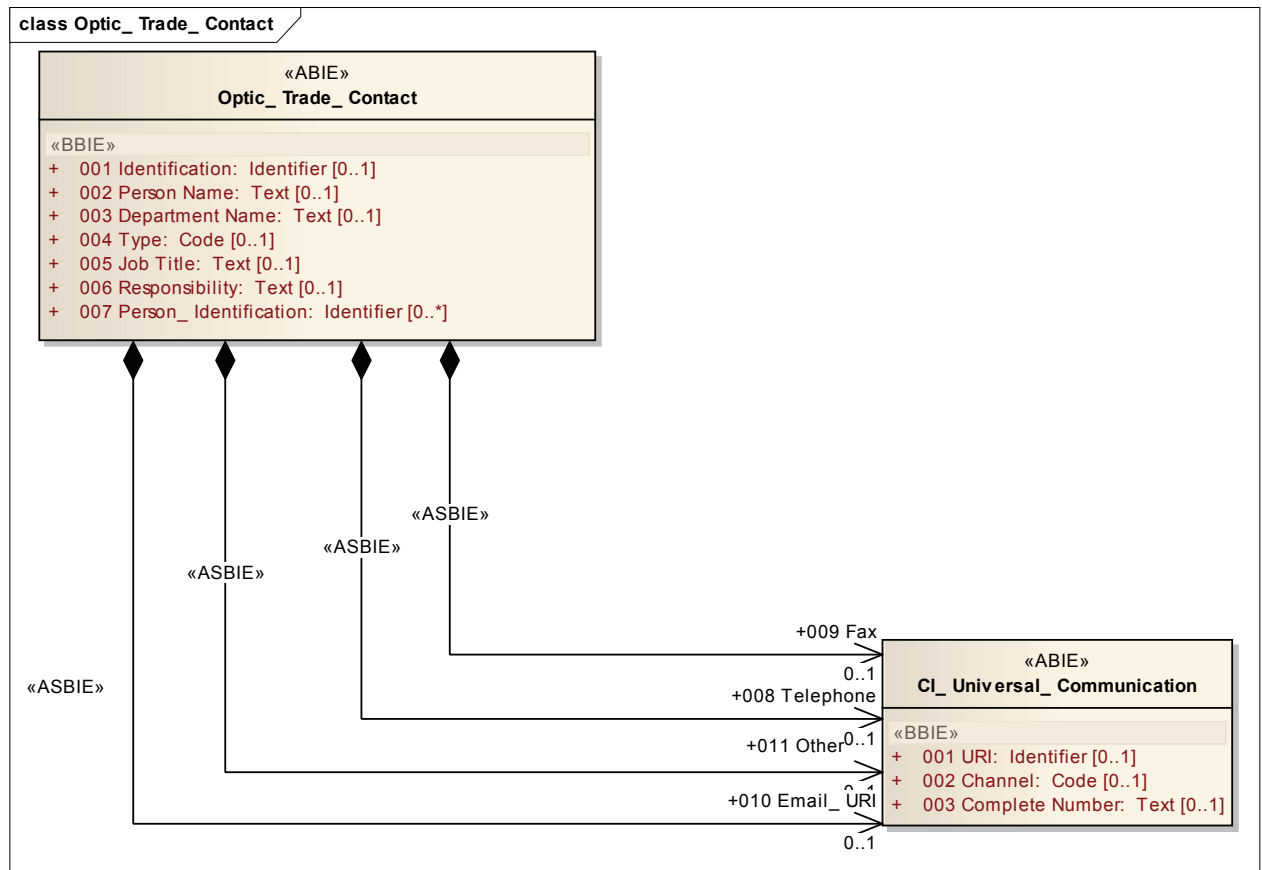
6.50 Optic_Referenced_Document



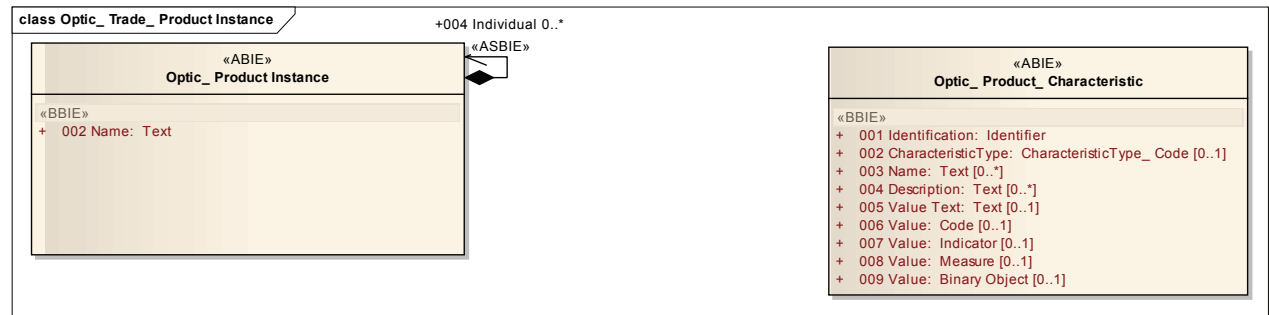
6.51 Optic_Trade Agreement



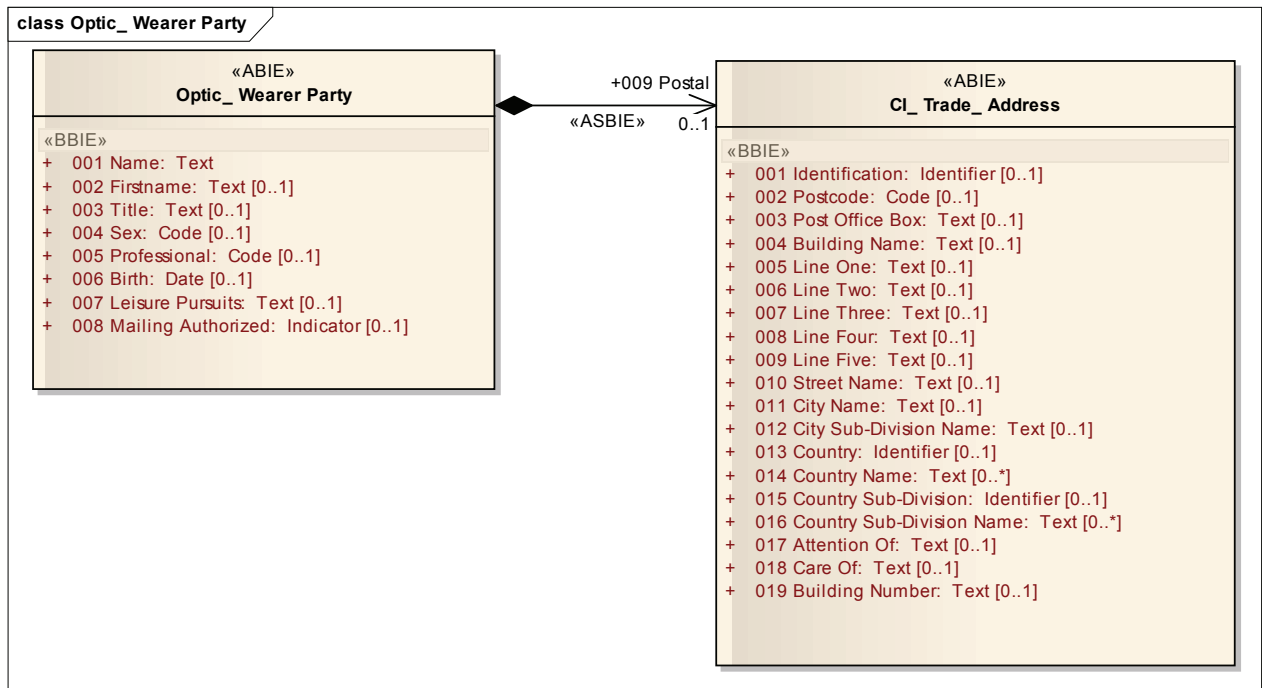
6.52 Optic_Trade_Contact



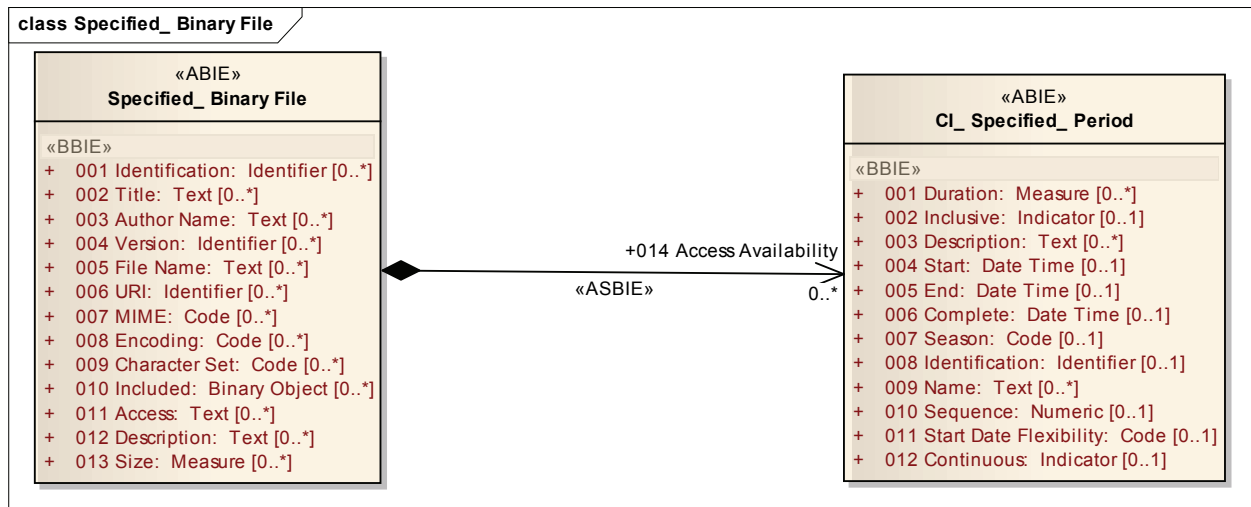
6.53 Optic_Trade_Product Instance



6.54 Optic_Wearer Party



6.55 Specified_ Binary File



7. Data Types

7.1 data:standard:OpticQualifiedDataType_1.1.0

class data:standard:OpticQualifiedDataType_1.1.0

«QDT» Status_Code
«CON»
+ Content: String
«SUP»
+ CodeListAgencyName: String [0..1]
+ CodeListIdentifier: String [0..1]
+ CodeListAgencyIdentifier: String [0..1]
+ CodeListVersionIdentifier: String [0..1]
+ CodeListName: String [0..1]
+ CodeName: String [0..1]
+ CodeListUniformResourceIdentifier: String [0..1]
+ LanguageIdentifier: String [0..1]
+ CodeListSchemeUniformResourceIdentifier: String [0..1]

«QDT» Action_Code
«CON»
+ Content: String
«SUP»
+ CodeListAgencyName: String [0..1]
+ CodeListIdentifier: String [0..1]
+ CodeListAgencyIdentifier: String [0..1]
+ CodeListVersionIdentifier: String [0..1]
+ CodeListName: String [0..1]
+ CodeName: String [0..1]
+ CodeListUniformResourceIdentifier: String [0..1]
+ LanguageIdentifier: String [0..1]
+ CodeListSchemeUniformResourceIdentifier: String [0..1]

«QDT» OO_DocumentType_Code
«CON»
+ Content: String
«SUP»
+ CodeListAgencyName: String [0..1]
+ CodeListIdentifier: String [0..1]
+ CodeListAgencyIdentifier: String [0..1]
+ CodeListVersionIdentifier: String [0..1]
+ CodeListName: String [0..1]
+ CodeName: String [0..1]
+ CodeListUniformResourceIdentifier: String [0..1]
+ LanguageIdentifier: String [0..1]
+ CodeListSchemeUniformResourceIdentifier: String [0..1]

«QDT» Relation_Code
«CON»
+ Content: String
«SUP»
+ CodeListAgencyName: String [0..1]
+ CodeListIdentifier: String [0..1]
+ CodeListAgencyIdentifier: String [0..1]
+ CodeListVersionIdentifier: String [0..1]
+ CodeListName: String [0..1]
+ CodeName: String [0..1]
+ CodeListUniformResourceIdentifier: String [0..1]
+ LanguageIdentifier: String [0..1]
+ CodeListSchemeUniformResourceIdentifier: String [0..1]

«QDT» Range_Code
«CON»
+ Content: String
«SUP»
+ CodeListAgencyName: String [0..1]
+ CodeListIdentifier: String [0..1]
+ CodeListAgencyIdentifier: String [0..1]
+ CodeListVersionIdentifier: String [0..1]
+ CodeListName: String [0..1]
+ CodeName: String [0..1]
+ CodeListUniformResourceIdentifier: String [0..1]
+ LanguageIdentifier: String [0..1]
+ CodeListSchemeUniformResourceIdentifier: String [0..1]

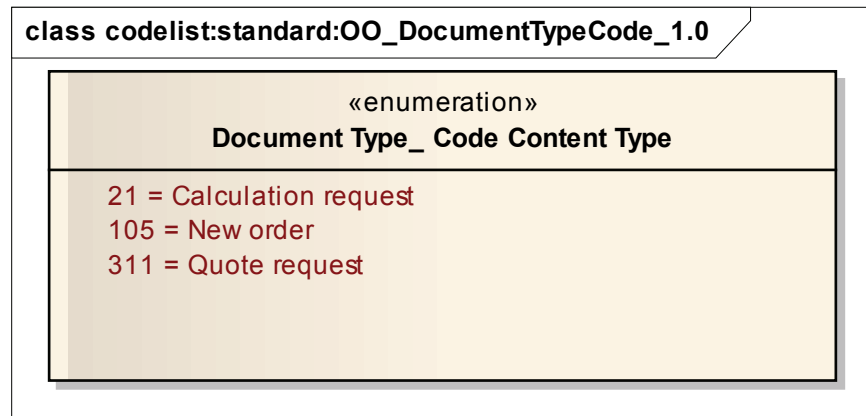
«QDT» Scope_Code
«CON»
+ Content: String
«SUP»
+ CodeListAgencyName: String [0..1]
+ CodeListIdentifier: String [0..1]
+ CodeListAgencyIdentifier: String [0..1]
+ CodeListVersionIdentifier: String [0..1]
+ CodeListName: String [0..1]
+ CodeName: String [0..1]
+ CodeListUniformResourceIdentifier: String [0..1]
+ LanguageIdentifier: String [0..1]
+ CodeListSchemeUniformResourceIdentifier: String [0..1]

«QDT» Price_Code
«CON»
+ Content: String
«SUP»
+ CodeListAgencyName: String [0..1]
+ CodeListIdentifier: String [0..1]
+ CodeListAgencyIdentifier: String [0..1]
+ CodeListVersionIdentifier: String [0..1]
+ CodeListName: String [0..1]
+ CodeName: String [0..1]
+ CodeListUniformResourceIdentifier: String [0..1]
+ LanguageIdentifier: String [0..1]
+ CodeListSchemeUniformResourceIdentifier: String [0..1]

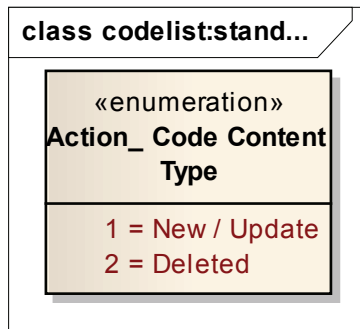
«QDT» CharacteristicType_Code
«CON»
+ Content: String
«SUP»
+ CodeListAgencyName: String [0..1]
+ CodeListIdentifier: String [0..1]
+ CodeListAgencyIdentifier: String [0..1]
+ CodeListVersionIdentifier: String [0..1]
+ CodeListName: String [0..1]
+ CodeName: String [0..1]
+ CodeListUniformResourceIdentifier: String [0..1]
+ LanguageIdentifier: String [0..1]
+ CodeListSchemeUniformResourceIdentifier: String [0..1]

8. Code lists

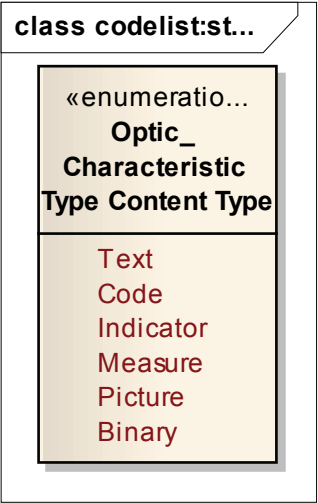
8.1 codelist:standard:OO_DocumentTypeCode_1.0



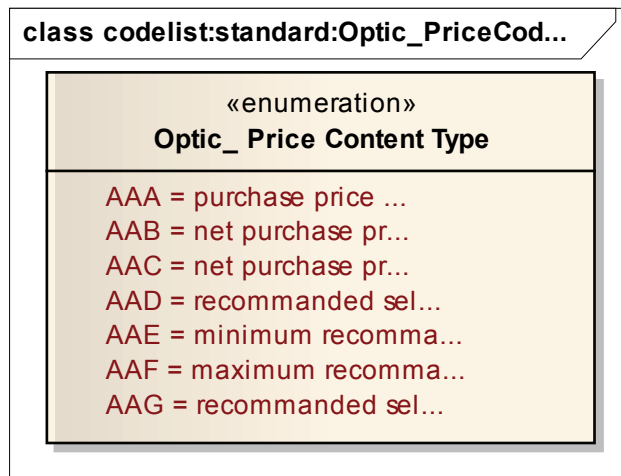
8.2 codelist:standard:Optic_ActionCode_1.1



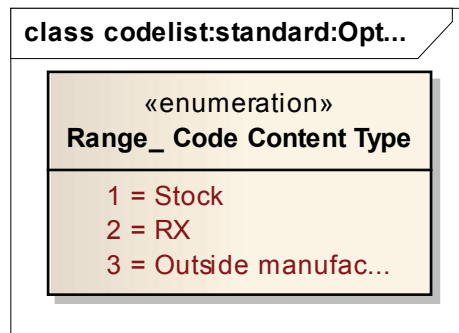
8.3 codelist:standard:Optic_CharacteristicTypeCode_1.1



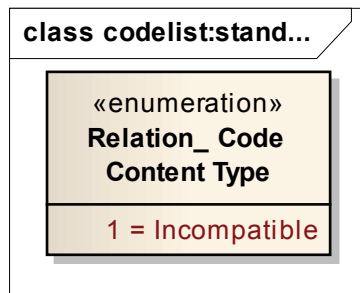
8.4 codelist:standard:Optic_PriceCode_1.1



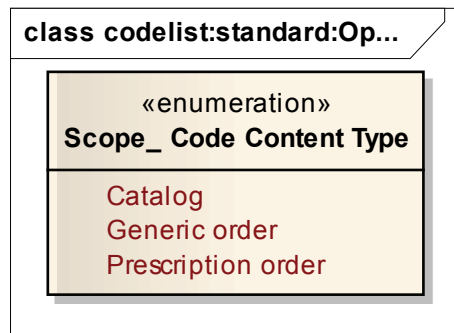
8.5 codelist:standard:Optic_RangeCode_1.1



8.6 codelist:standard:Optic_RelationCode_1.1



8.7 codelist:standard:Optic_ScopeCode_1.0



8.8 codelist:standard:Optic_StatusCode_1.1

