



EUROPEAN COMMISSION  
DIRECTORATE-GENERAL FOR MOBILITY AND TRANSPORT  
DIRECTORATE-GENERAL FOR ENERGY  
SRD - Shared Resource Directorate  
**SRD.2- Informatics & Logistics**

# UDB XML Exchange Model Template

## Class Model

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# 1 Document History

## 1.1 Document History

Version	Date	Comment	Author
0.0.1	05/04/2022	Draft Document created	Mohamed-Fahim KHAJA
0.0.2	05/04/2022	6 Services related to Organisation	Mohamed-Fahim KHAJA
0.0.3	27/09/2022	4 Services related to Certificates	Mohamed-Fahim KHAJA
0.0.4	08/11/2022	4 Services related to Transactions	Mohamed-Fahim KHAJA
0.0.5	10/11/2022	2 Services related to Gas Injection	Mohamed-Fahim KHAJA
0.0.6	24/11/2022	4 Sevices for POS 4 Services for Material Processing 2 Service for Initial Stock	Mohamed-Fahim KHAJA
0.0.7	07/12/2022	3 Service for Gas Injection	Mohamed-Fahim KHAJA
0.0.8	21/12/2022	3 Services for Organisation updated 1 Service of Certificate updated	Mohamed-Fahim KHAJA
0.0.9	09/01/2023	2 Services related to Gas Withdrawal	Mohamed-Fahim KHAJA
0.1.0	09/03/2023	2 Services related to Transaction 2 Services related to Initial Stock 1 Service updated for Organisation	Mohamed-Fahim KHAJA
0.1.1	05/04/2023	2 Services updated for Initial Stock 3 Services updated for Certificates	Mohamed-Fahim KHAJA
0.1.2	20/04/2023	6 Services added for Sourcing contact 4 Services added for POO UCO Trade 4 Services added for POO FGP Trade	Mohamed-Fahim KHAJA
0.1.3	31/05/2023	2 Service related to Transaction Notification	Mohamed-Fahim KHAJA
0.1.4	19/07/2023	2 Service related to Cancel Transaction 1 Service related to Organisation	Mohamed-Fahim KHAJA
0.1.5	31/07/2023	3 Service related to POOTrade updated	Mohamed-Fahim KHAJA
0.1.6	03/08/2023	2 Services for Certificate Few services for POS Section 2 Services for Transaction	Mohamed-Fahim KHAJA
0.1.7	31/08/2023	1 service for Transaction updated 2 services for POOTrade updated	Mohamed-Fahim KHAJA
0.1.8	22/09/23	1 service for Certificate 2 services for Initial Stock 2 services for Material Process 2 service for Gas added	Mohamed-Fahim KHAJA
0.1.9	11/16/2023	1 service for Transaction updated 2 services for Certificate updated 2 services for Sourcing contact updated	Mohamed-Fahim KHAJA
0.2.0	25/10/2023	2 services for Certificate updated 2 services for transaction updated	Mohamed-Fahim KHAJA

0.2.1	21/11/2023	3 Services for Sourcing contact 2 Services for Certificate 1 service for Initial Stock 1 Service for FGP Trade	Mohamed Fahim KHAJA
0.2.2	20/12/2023	3 services for Material Processing updated 1 Service for Accept Transaction updated	Mohamed Fahim KHAJA
0.2.3	17/01/2023	2 service for Initial stock 2 service for Certificate 1 service for FGP	Mohamed Fahim KHAJA
0.2.4	05/02/2024	12 services updated for GHG emissions 2 Services for Sourcing contact 3 services for organisation 1 service for Notification	Mohamed Fahim KHAJA

Contact:

MOVE UDB project (EC-UDB-SUPPORT@ec.europa.eu)

## 1.2 Release note

### 1.2.1.1 0.0.1

- New Draft document created
  - Created new UDB Model
  - Created services
    - EODetailByVSRequest
    - EODetailByVSResponse
    - EODetailByIDRequest
    - EODetailByIDResponse

### 1.2.1.2 0.0.2

- UDB-497-1005-1418
  - Removed services
    - EODetailByVSRequest
    - EODetailByVSResponse
    - EODetailByIDRequest
    - EODetailByIDResponse
  - Added services
    - AddOrganisationRequest
    - AddOrganisationResponse
    - GetOrganisationByIDRequest
    - GetOrganisationByIDResponse
    - GetOrganisationListRequest
    - GetOrganisationListResponse

### 1.2.1.3 0.0.3

- UDB\_498\_1007\_1511
  - Added services
    - AddUpdateCertificateRequest
    - AddUpdateCertificateResponse
    - GetCertificateRequest
    - GetCertificateResponse
    - ErrorResponse

### 1.2.1.4 0.0.4

- UDB\_495\_520

- Added services
  - EOAddTransactionRequest
  - EOAddTransactionResponse
  - EOGetTransactionRequest
  - EOGetTransactionResponse

**1.2.1.5 0.0.5**

- UDB\_1890
  - Added services
    - AddGasInjectionRequest
    - AddGasInjectionResponse

**1.2.1.6 0.0.6**

- UDB-1387-1972-1979-1980-519-1393
  - Added services
    - EOUpdatePOSRequest
    - EOUpdatePOSResponse
    - EOGetPOSListRequest
    - EOGetPOSListResponse
    - EOAddMaterialProcessingRequest
    - EOAddMaterialProcessingResponse
    - EOGetMaterialProcessListRequest
    - EOGetMaterialProcessListResponse
    - EOAddInitialStockRegnRequest
    - EOAddInitialStockRegnResponse

**1.2.1.7 0.0.7**

- UDB-2048-2046-2054
  - Added services
    - UpdateGasSustainabilityRequest
    - UpdateGasSustainabilityResponse
    - GetInjectionRequest
    - GetInjectionResponse
  - Updated
    - AddGasInjectionRequest
    - AddGasInjectionResponse

**1.2.1.8 0.0.8**

- UDB-2145
  - Updated
    - AddOrganisationRequest
    - AddUpdateCertificateRequest
    - GetCertificateRequest
    - GetOrganisationByIDRequest
    - GetOrganisationListRequest

**1.2.1.9 0.0.9**

- UDB\_2051
  - Added services
    - AddGasWithdrawalRequest
    - AddGasWithdrawalResponse

**1.2.1.10 0.1.0**

- UDB\_AddOn
  - Added services
    - EOConfirmTransactionRequest
    - EOConfirmTransactionResponse
    - GetInitialStockRequest
    - GetInitialStockResponse
  - Updated
    - GetOrganisationByIDRequest

**1.2.1.11 0.1.1**

- UDB\_2789
  - Updated services
    - AddUpdateCertificateRequest
    - GetCertificateRequest
    - GetCertificateResponse
    - AddInitialStockRegnRequest
    - GetInitialStockResponse

### 1.2.1.12 0.1.2

- UDB\_2952\_3036
  - Added services
    - AddSourcingContactRequest
    - AddSourcingContactResponse
    - GetSourcingContactByIDRequest
    - GetSourcingContactByIDResponse
    - GetSourcingContactListRequest
    - GetSourcingContactListResponse
- UDB\_2953\_3037
  - Added services
    - EOAddPoOTradeRequest
    - EOAddPoOTradeResponse
    - EOGetPoOTradeRequest
    - EOGetPoOTradeResponse
- UDB\_2954\_303
  - Added services
    - EOAddFGPTransactionRequest
    - EOAddFGPTransactionResponse
    - EOGetFGPTransactionRequest
    - EOGetFGPTransactionResponse

### 1.2.1.13 0.1.3

- UDB\_3327\_3334
  - Added services
    - TransactionBuyerNotification
    - TransactionSellerNotification

### 1.2.1.14 0.1.4

- UDB\_3583
  - Added service
    - EOCancelTransactionRequest
    - EOCancelTransactionResponse
- UDB\_2713
  - Updated service
    - AddGasInjectionRequest
    - AddGasInjectionResponse
- UDB\_3805
  - Updated service
    - AddOrganisationRequest

### 1.2.1.15 0.1.5

- UDB\_3895
  - Updated service
    - EOAddPoOTradeRequest
    - EOAddPoOTradeResponse
    - EOGetPoOTradeResponse

### 1.2.1.16 0.1.6

- UDB\_3859-2954

- Updated service
  - AddUpdateCertificateRequest
  - GetCertificateResponse
  - Updated POS Data for Biomass land area
- UDB\_3997
  - EOUpdateRejectedTransactionRequest
  - EOUpdateRejectedTransactionResponse
- UDB\_4003
  - Remove option tags from Udb Request / Response headers

**1.2.1.17 0.1.7**

- UDB\_3841-3954
  - Updated service
    - TransactionBuyerNotification
    - EOAddPoOTradeRequest
    - EOGetPoOTradeResponse

**1.2.1.18 0.1.8**

- UDB\_4385
  - Updated Service
    - AddUpdateCertificateResponse
    - EOAddInitialStockRegnRequest
    - EOGetInitialStockResponse
    - EOAddMaterialProcessingRequest
    - EOGetMaterialProcessListResponse
- UDB\_4014
  - Added service
    - ConfirmGasInjectionRequest
    - ConfirmGasInjectionResponse
- Unit Enum
  - Updated MeasuringUnitEnum

**1.2.1.19 0.1.9**

- UDB\_4484
  - Updated service
    - EOUpdateRejectedTransactionRequest
- UDB\_4304
  - Updated service
    - AddSourcingContactRequest
    - GetSourcingContactResponse
- UDB\_4325
  - Updated service
    - AddUpdateCertificateRequest
    - GetCertificateResponse

**1.2.1.20 0.2.0**

- UDB\_4463
  - Updated service
    - AddUpdateCertificateRequest
    - GetCertificateResponse
- UDB\_4401
  - Updated service
    - EOConfirmTransactionResponse
    - TransactionSellerNotification

**1.2.1.21 0.2.1**

- UDB\_4346
  - Updated service
    - AddSourcingContactRequest
    - GetSourcingContactByIDRequest
    - GetSourcingContactListRequest
- UDB\_4401
  - Updated service
    - AddUpdateCertificateRequest

- GetCertificateResponse
- UDB\_4620
  - Updated service
  - AddInitialStockRegnRequest
  - EOAddFGPTransactionRequest
- UDB\_4620
  - Updated enum
  - GHGUnitEnum

### 1.2.1.22 0.2.2

- UDB\_4665
  - Updated service
  - EOAddMaterialProcessingRequest
  - EOAddMaterialProcessingResponse
  - EOGetMaterialProcessListResponse
- UDB\_4953
  - Updated service
  - EOAddMaterialProcessingRequest
  - EOConfirmTransactionRequest

### 1.2.1.23 0.2.3

- UDB\_5089
  - Updated Service
  - EOAddInitialStockRegnRequest
  - GetInitialStockResponse
  - AddUpdateCertificateRequest
  - GetCertificateResponse
  - EOAddFGPTransactionResponse

### 1.2.1.24 0.2.4

- UDB\_4940
  - Updated below services to add extra GHG Emission types
  - EOAddInitialStockRegnRequest
  - EOAddTransactionRequest
  - EOConfirmTransactionResponse
  - EOGetPOSListResponse
  - EOGetTransactionResponse
  - TransactionBuyerNotification
  - EOUpdatePOSRequest
  - EOAddFGPTransactionRequest
  - EOAddPoOTradeRequest
  - EOGetFGPTransactionResponse
  - EOGetInitialStockResponse
  - EOGetPoOTradeResponse
- UDB\_5190
  - Updated services
  - AddSourcingContactRequest
  - GetSourcingContactByIDResponse
- UDB\_5190
  - Updated services
  - AddOrganisationRequest
  - GetOrganisationListResponse
  - GetOrganisationByIDResponse
- UDB\_5273
  - Updated service
  - TransactionBuyerNotification

## 2 Overview

### 2.1 Package diagram

The model is composed of 2 main parts:

- **the service and actions**

As the system to system communication is based on an asynchronous solution, the model defines, from one hand, the request services made available to Member states competent Authorities to perform actions on the ECDB platform and, from the other hand the response services to be made available by Member States so that ECDB can acknowledge or return the requested data to competent Authorities.

The wording "service and actions" comes for AS4. A parallel may be drawn with UML and web services :

- AS4: service / action
- UML: class / operation
- web-service: service / operation

- **The core elements**

Core elements constitutes the data structure that is common to all type of crew information.

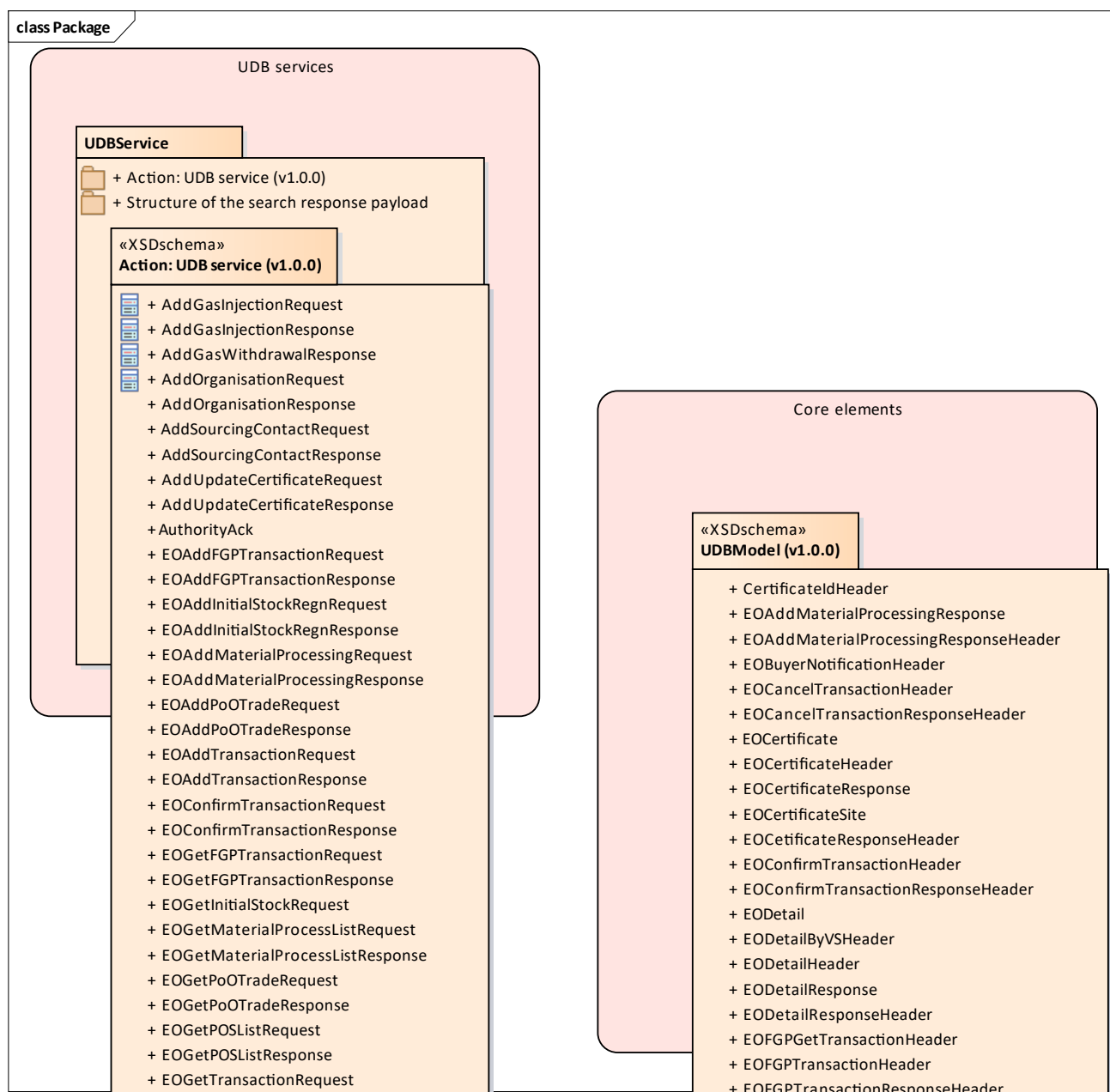




Figure 1: Package

## 3 Services

### 3.1 UDBService

Crew service exposed by the eDelivery Access point where Exchange message with MS can be exchanged in the purpose of:

- Verification of the transaction in the Union database
- Consultation of stock accounts
- Consultation and modification of EO Accounts
- Sending and receiving notification

All the requests and responses are posted asynchronously to the related UDBService method.

#### 3.1.1 Action: UDB service (v1.0.0)

##### 3.1.1.1 UDB Service : Add Gas Injection Request diagram

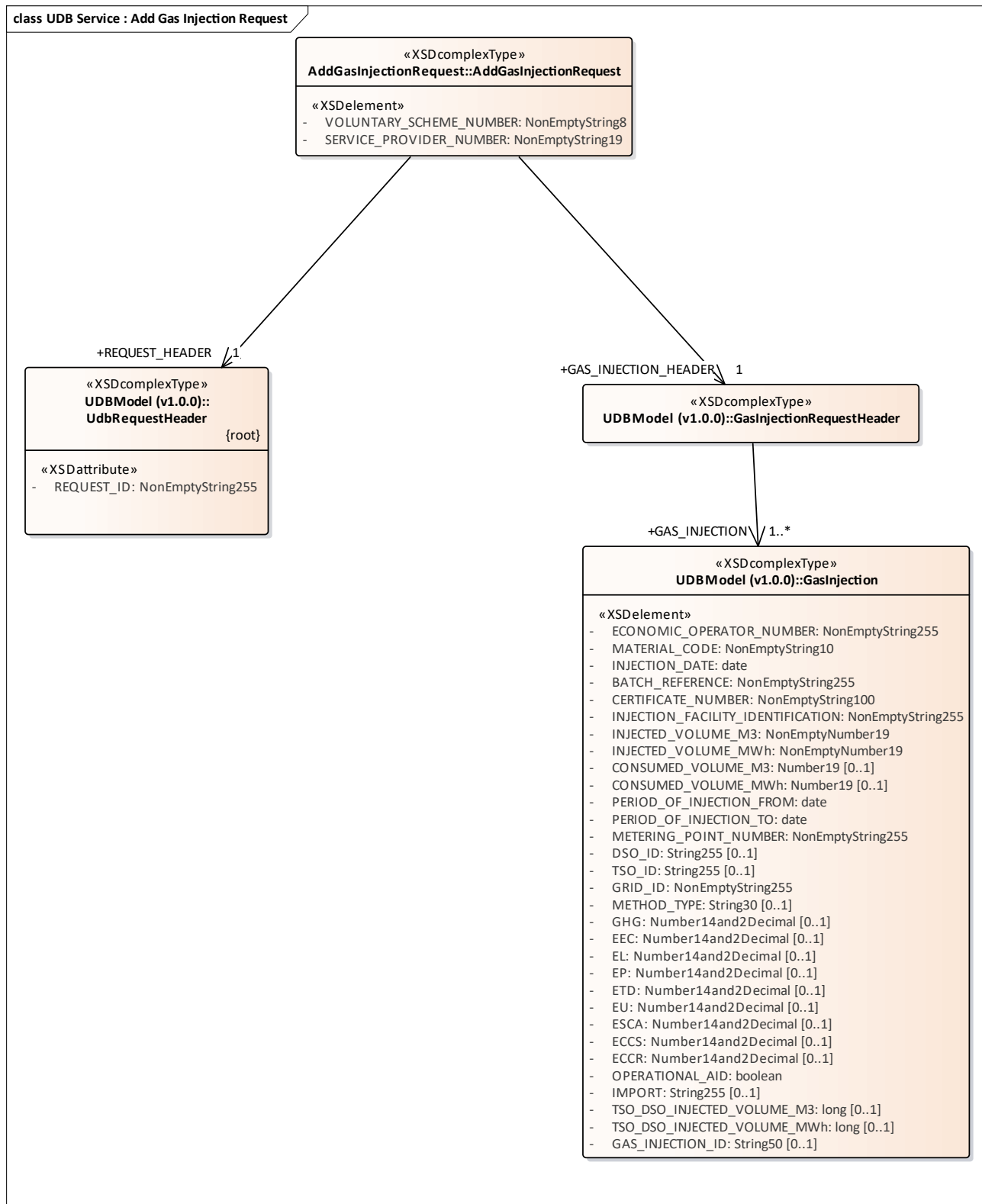


Figure 2: UDB Service : Add Gas Injection Request

### 3.1.1.2 UDB Service : Add Gas Injection Response diagram

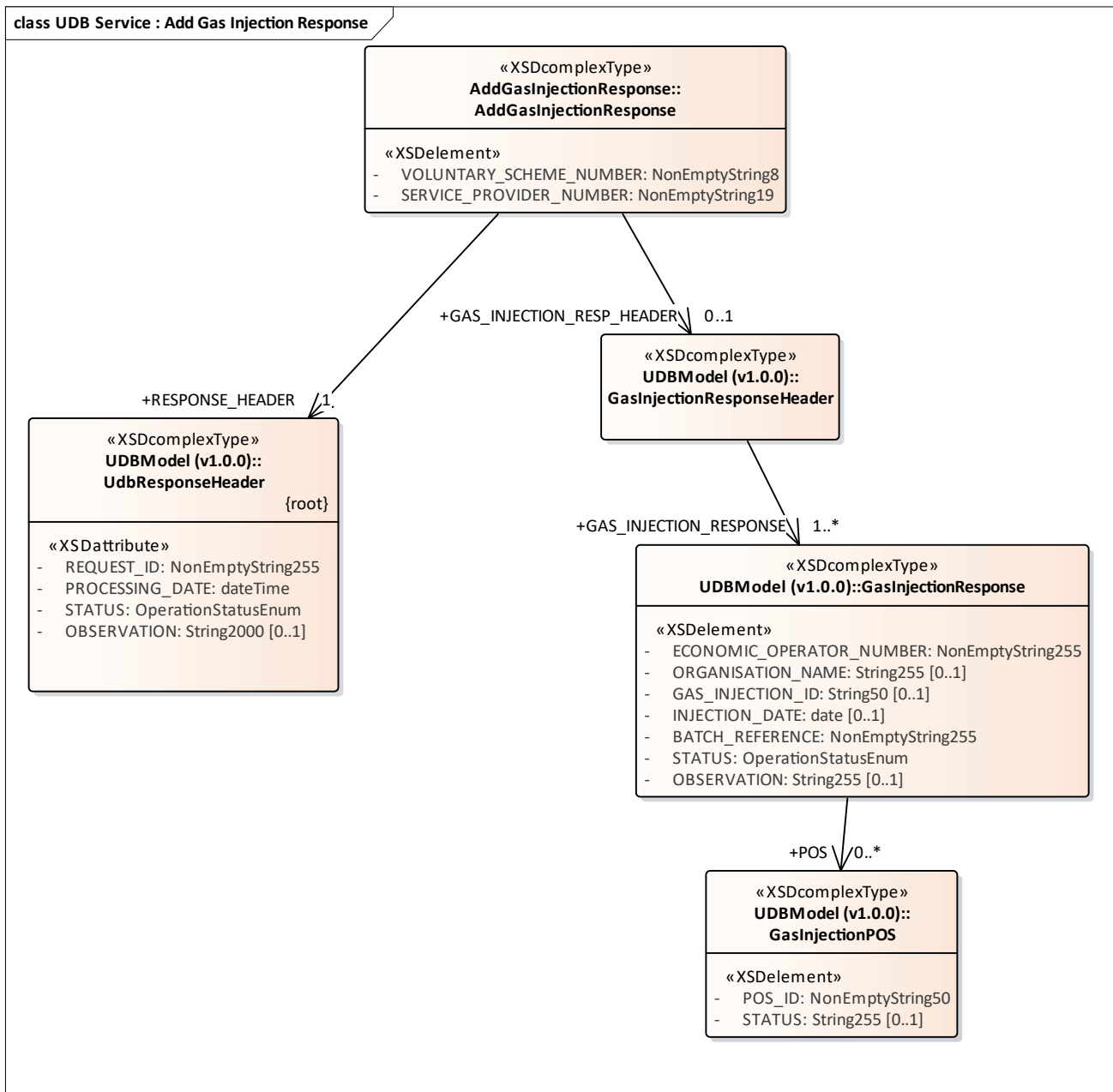


Figure 3: UDB Service : Add Gas Injection Response

### 3.1.1.3 UDB Service : Add Initial Stock Registration Request diagram

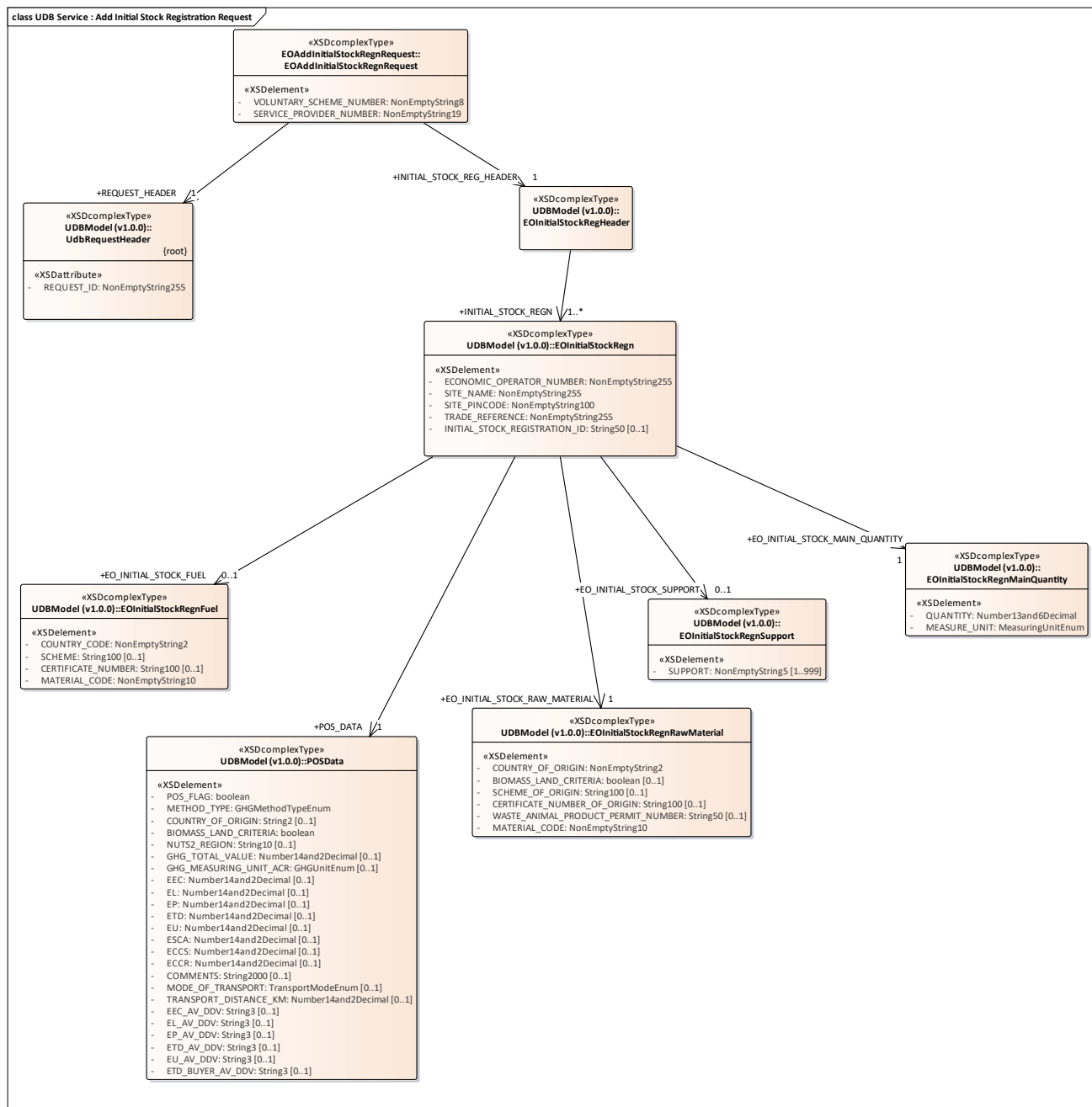


Figure 4: UDB Service : Add Initial Stock Registration Request

### 3.1.1.4 UDB Service : Add Initial Stock Registration Response diagram

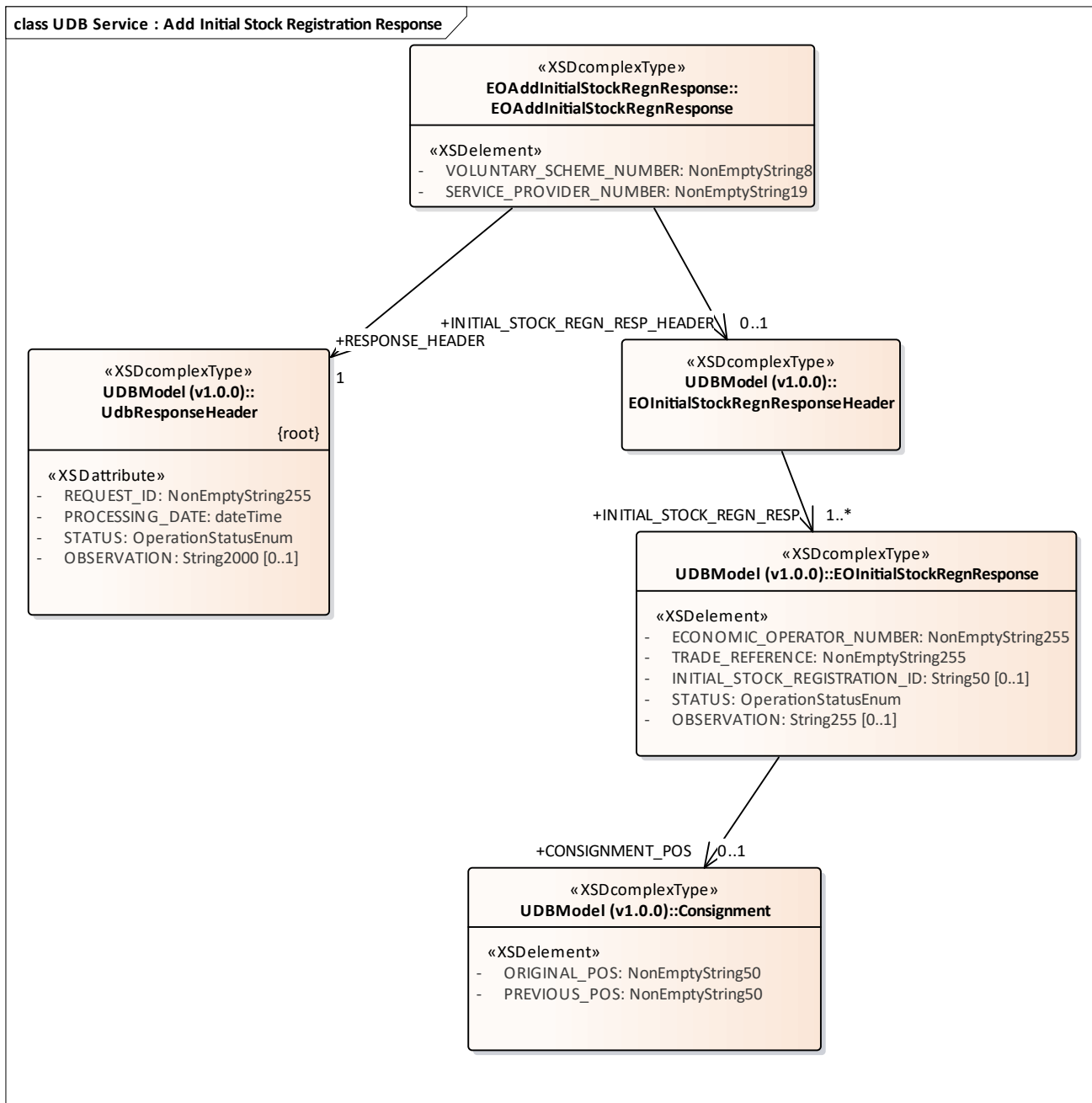


Figure 5: UDB Service : Add Initial Stock Registration Response

### 3.1.1.5 UDB Service : Add Material Processing Request diagram

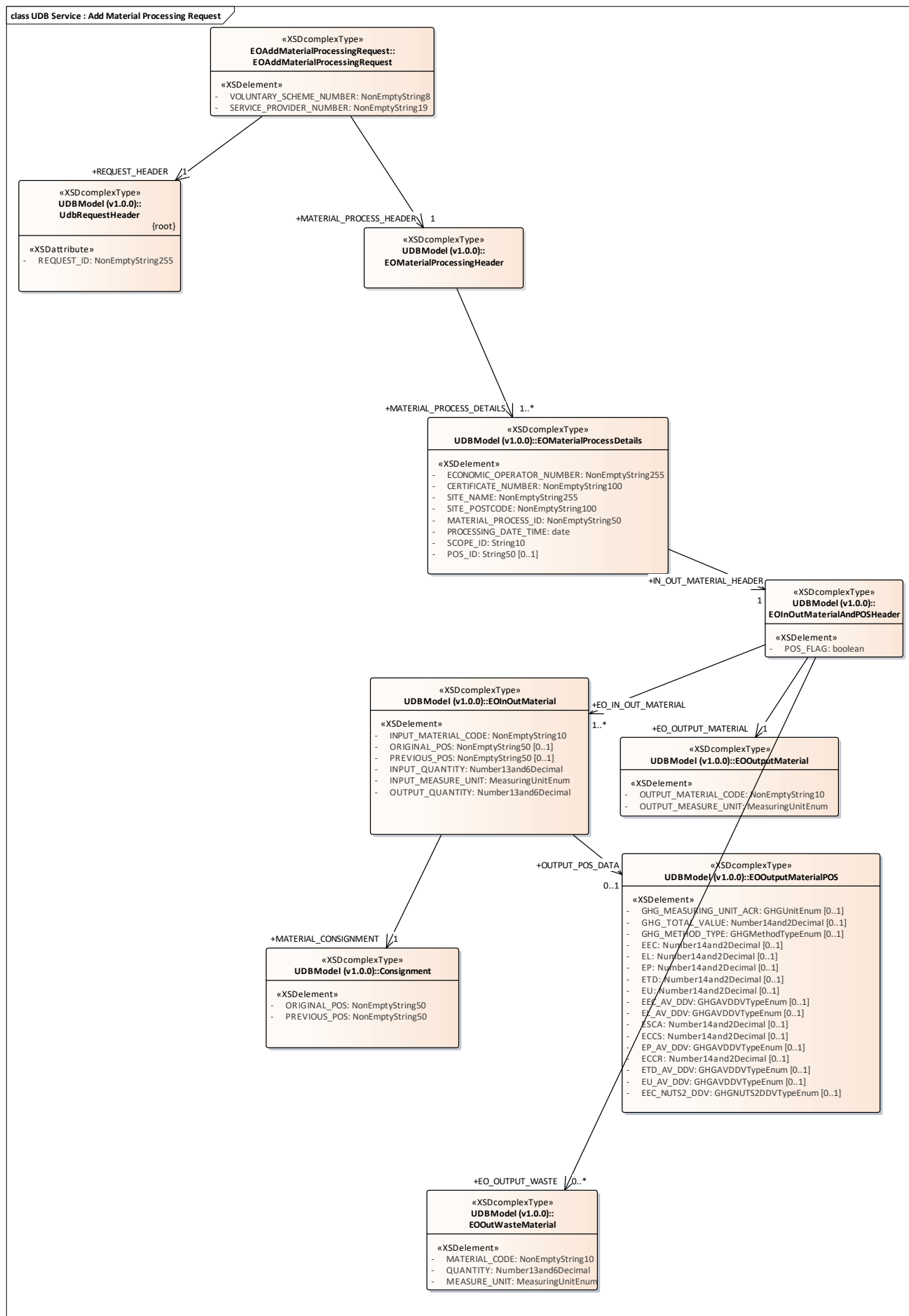


Figure 6: UDB Service : Add Material Processing Request

### 3.1.1.6 UDB Service : Add Material Processing Response diagram





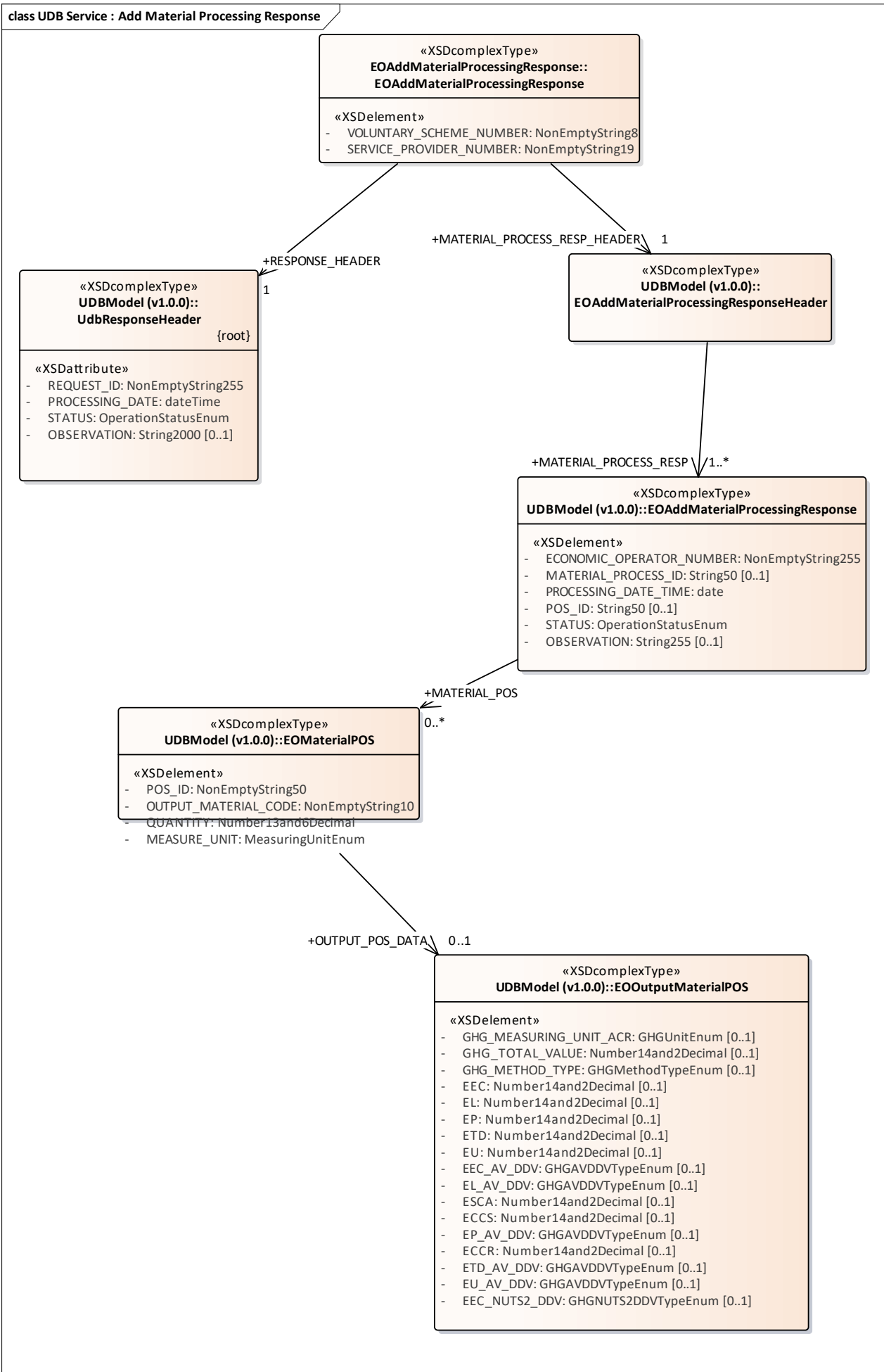


Figure 7: UDB Service : Add Material Processing Response

### 3.1.1.7 UDB Service : Add Organisation Request diagram

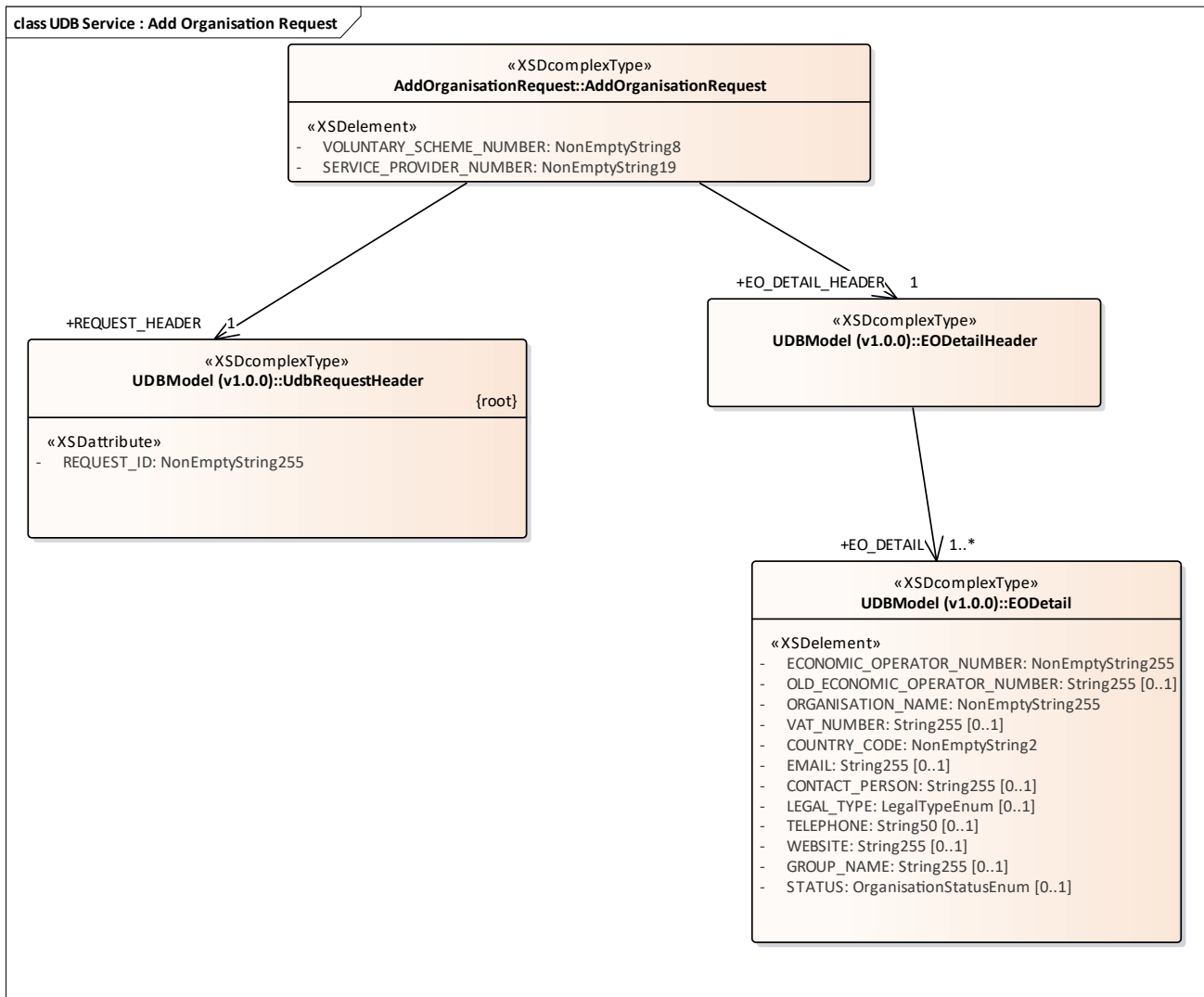


Figure 8: UDB Service : Add Organisation Request

### 3.1.1.8 UDB Service : Add Organisation Response diagram

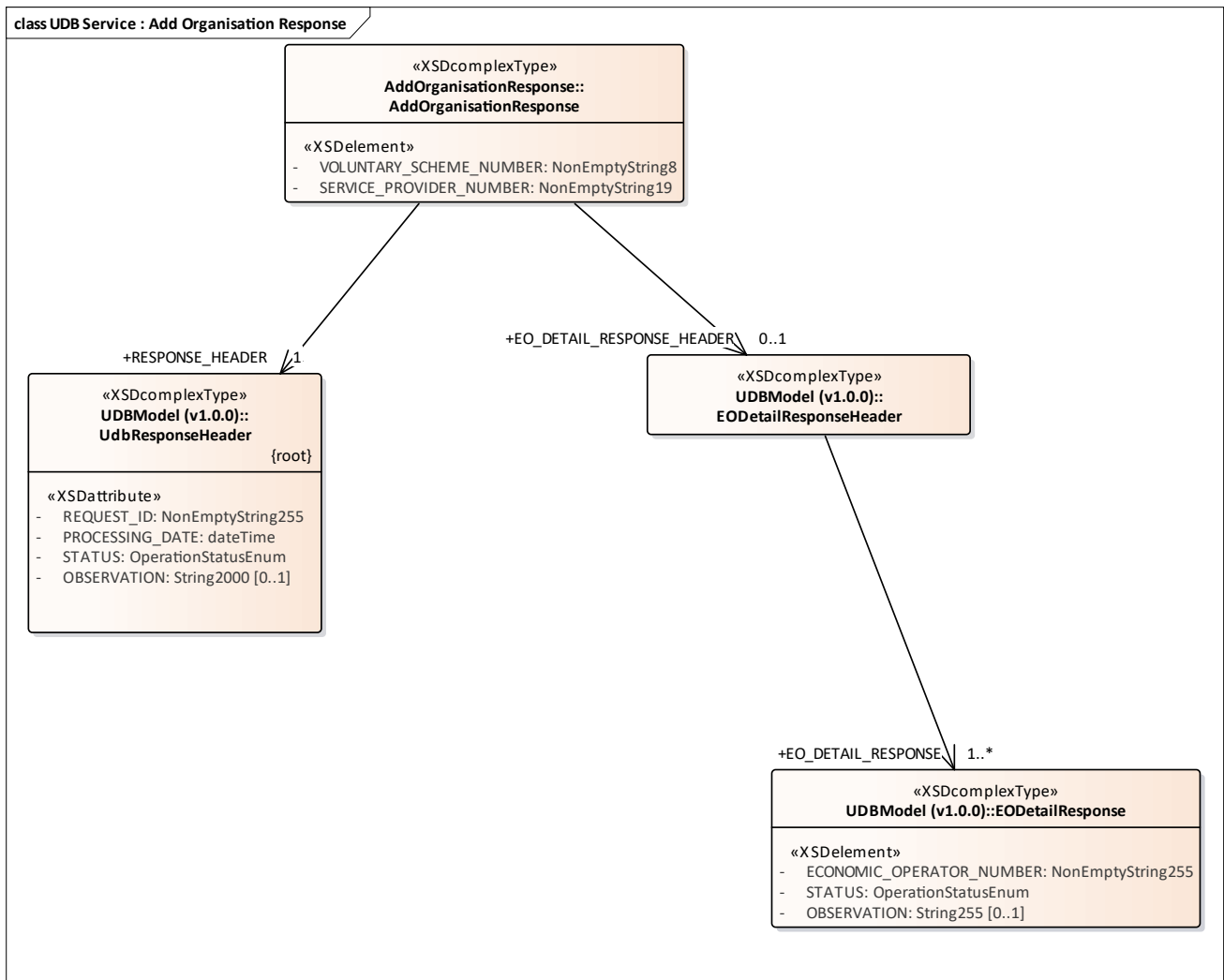


Figure 9: UDB Service : Add Organisation Response

### 3.1.1.9 UDB Service : Add Sourcing Contact Request diagram

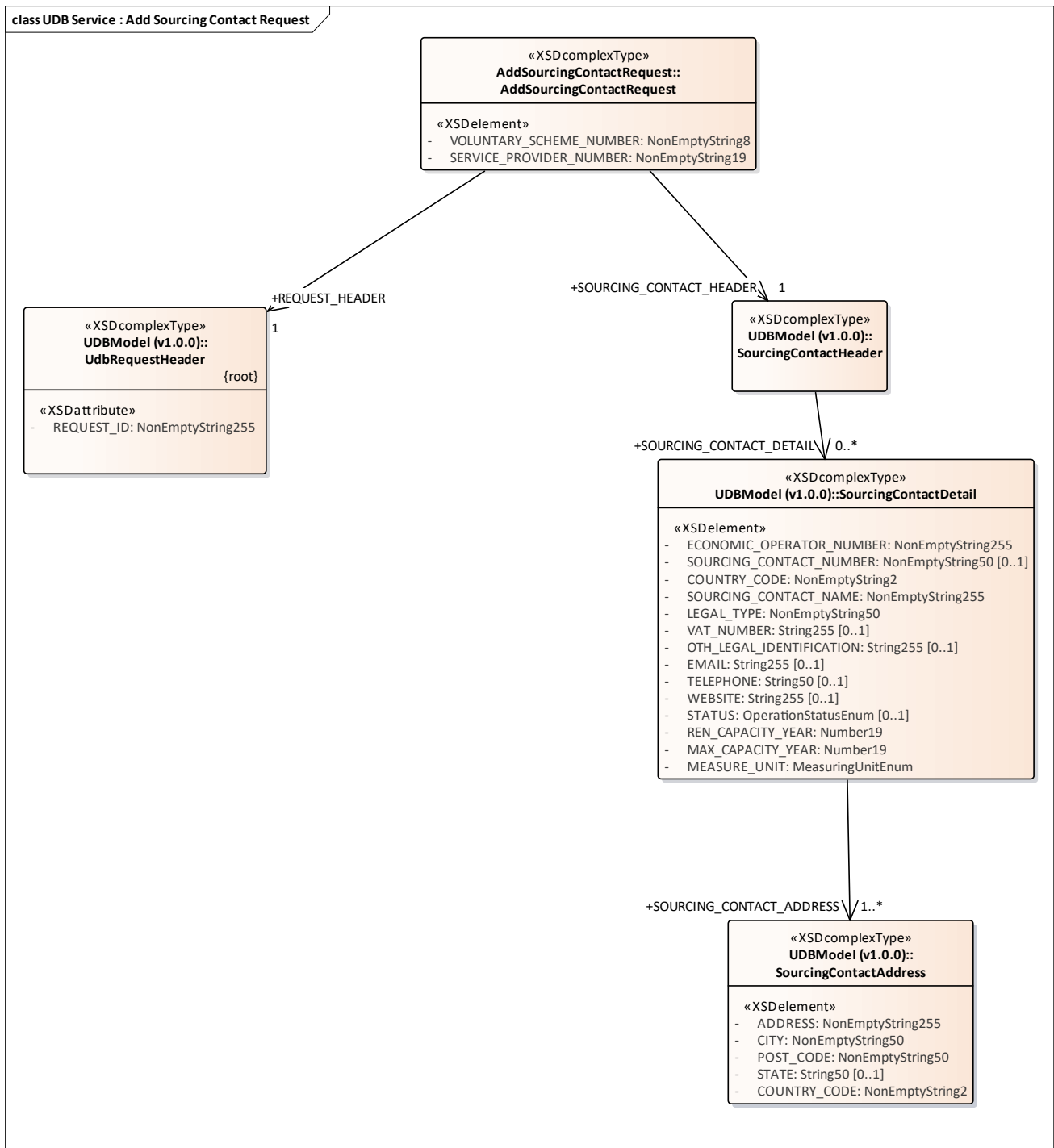


Figure 10: UDB Service : Add Sourcing Contact Request

### 3.1.1.10 UDB Service : Add Sourcing Contract Response diagram

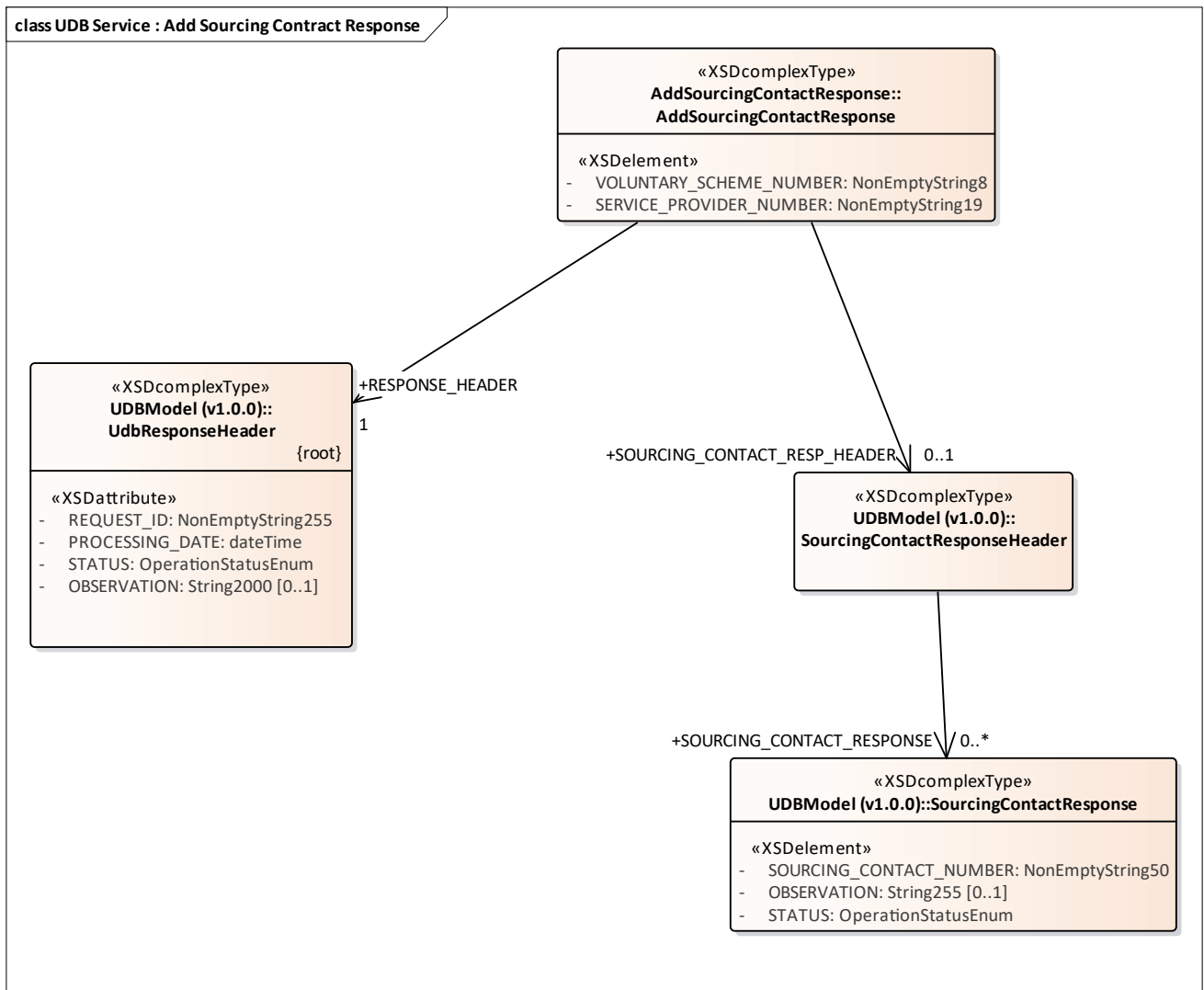


Figure 11: UDB Service : Add Sourcing Contract Response

### 3.1.1.11 UDB Service : Add Transaction Request diagram

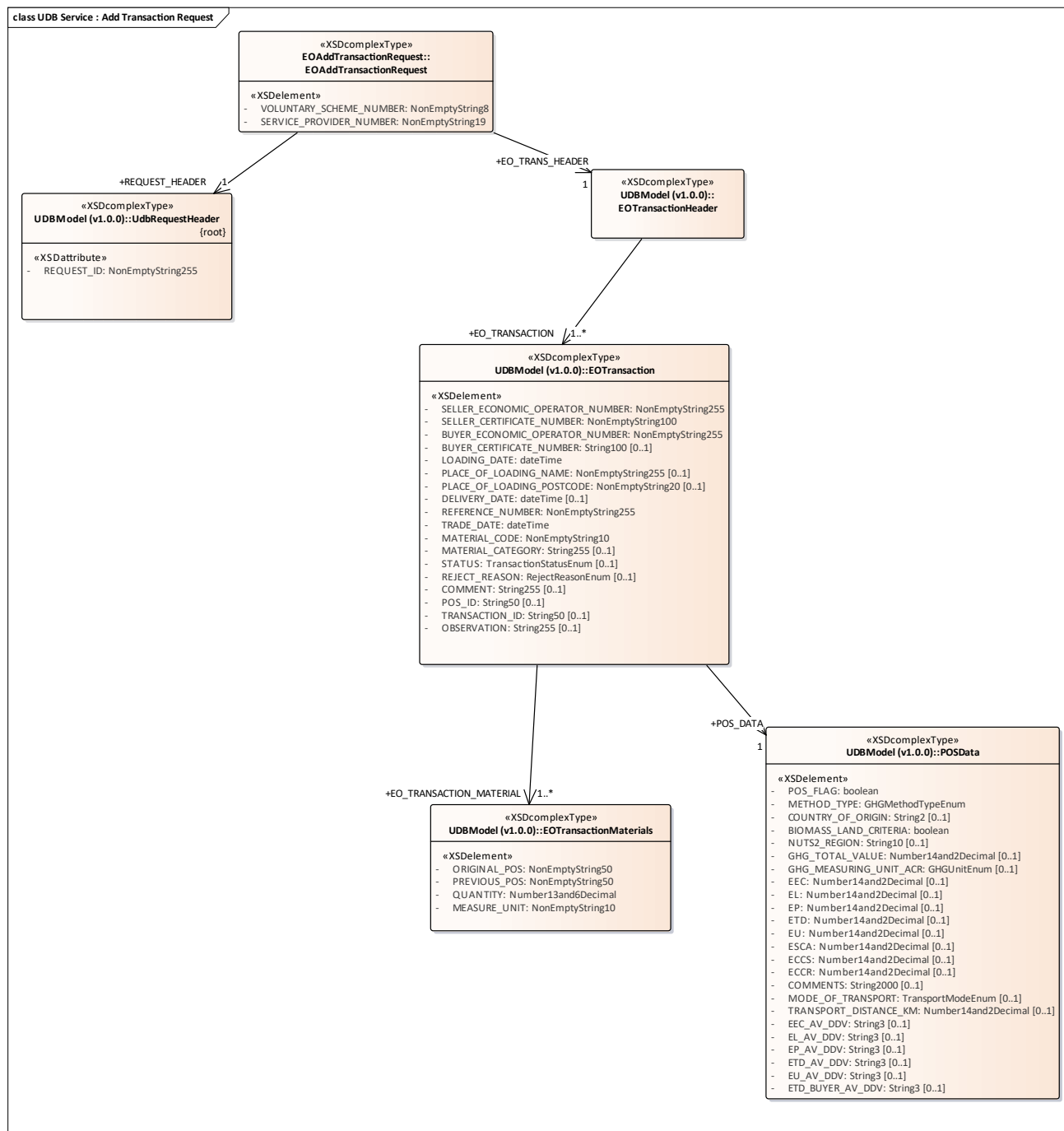


Figure 12: UDB Service : Add Transaction Request

### 3.1.1.12 UDB Service : Add Transaction Response diagram

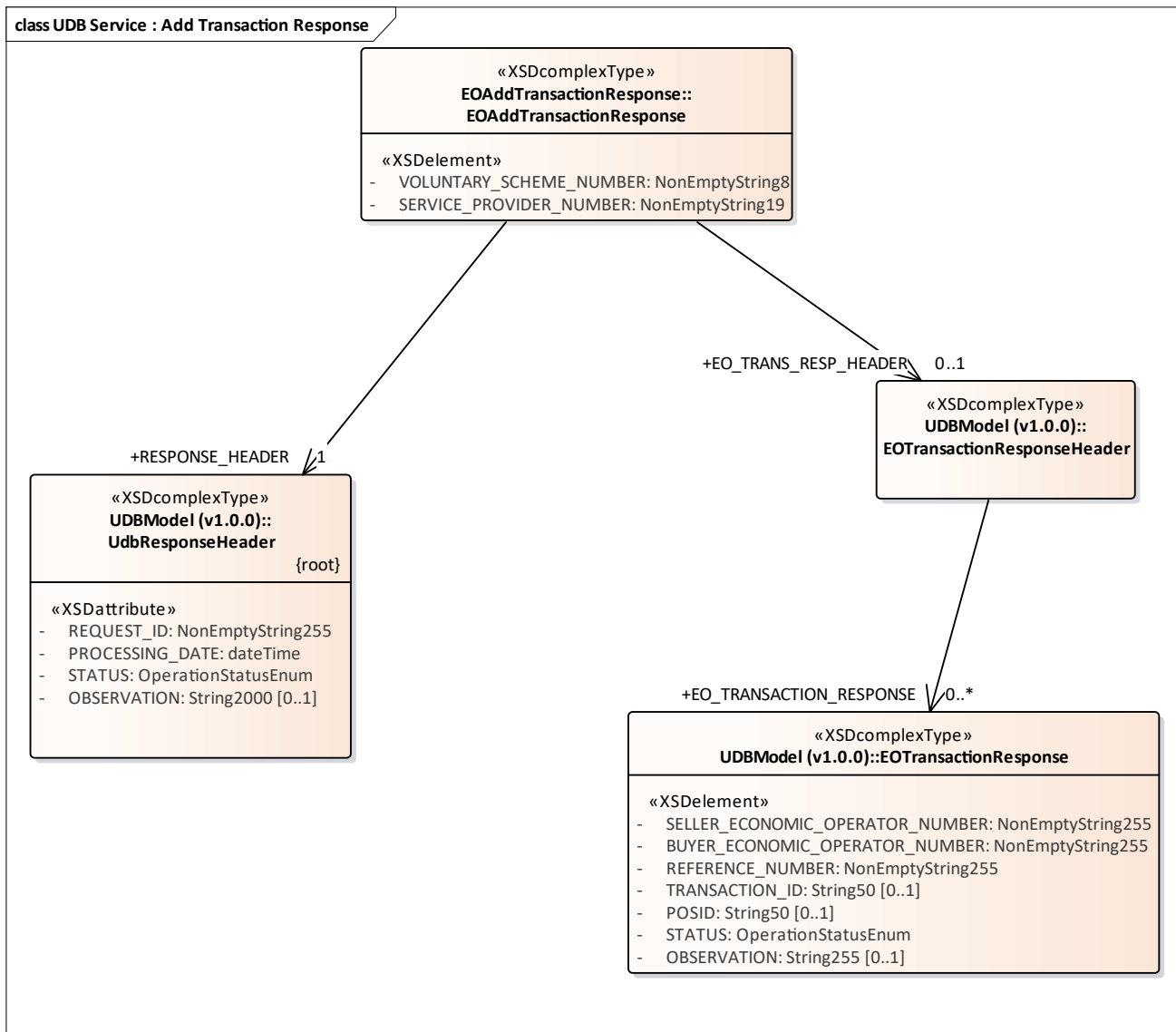


Figure 13: UDB Service : Add Transaction Response

### 3.1.1.13 UDB Service : Add Update Certificate Request diagram

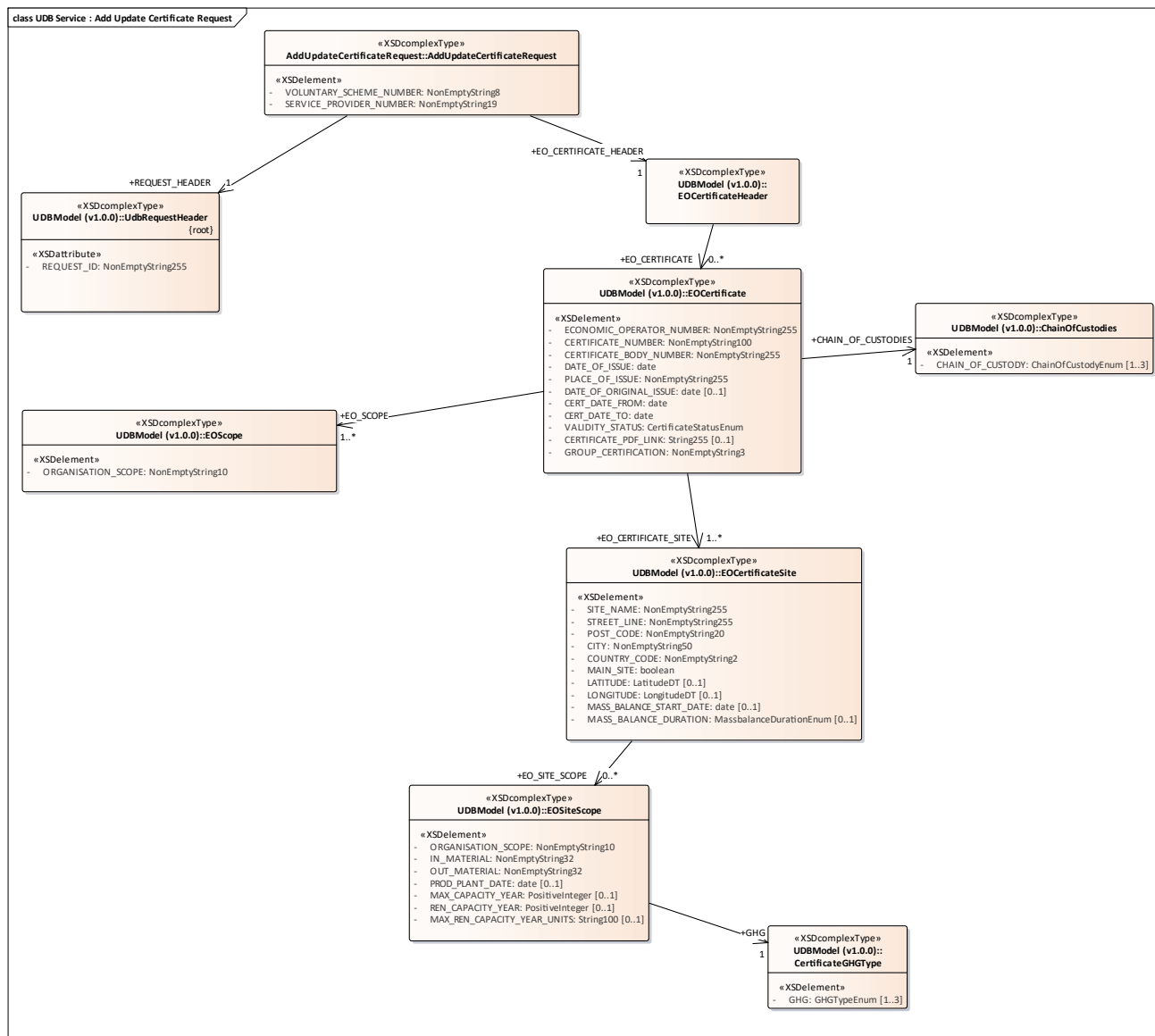


Figure 14: UDB Service : Add Update Certificate Request

### 3.1.1.14 UDB Service : Add Update Certificate Response diagram



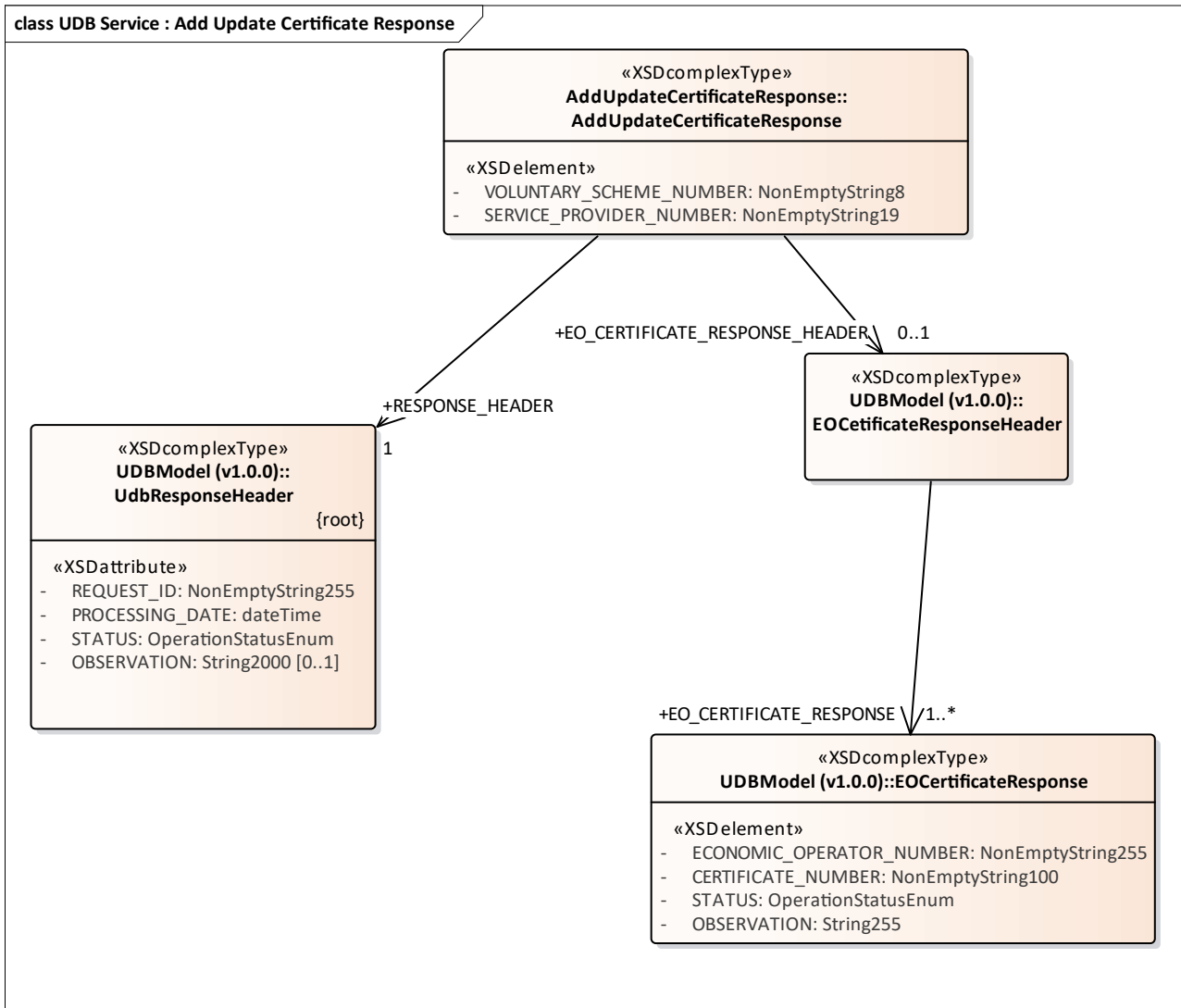


Figure 15: UDB Service : Add Update Certificate Response

### 3.1.1.15 UDB Service : Confirm Transaction Request diagram

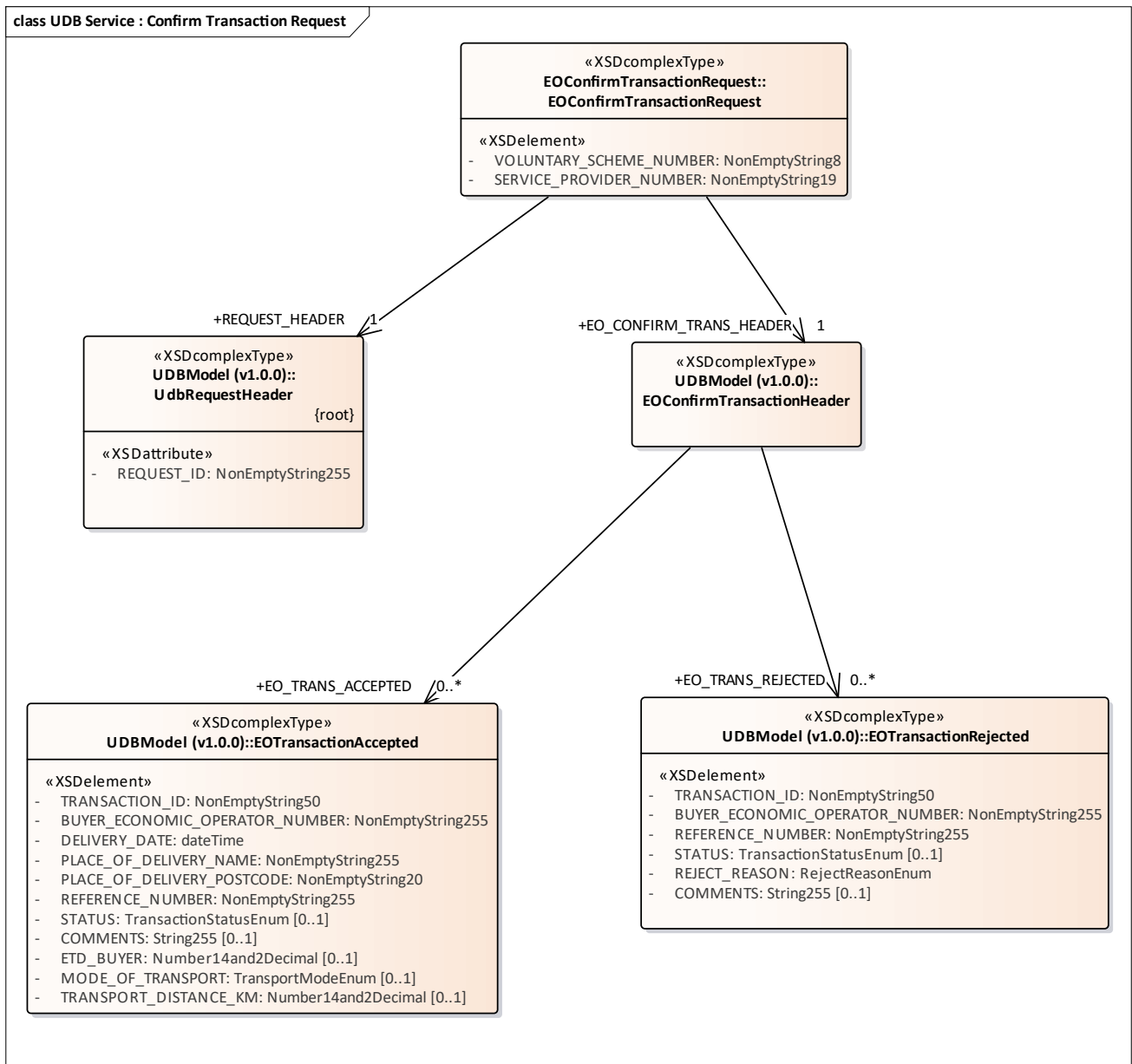


Figure 16: UDB Service : Confirm Transaction Request

### 3.1.1.16 UDB Service : Confirm Transaction Response diagram

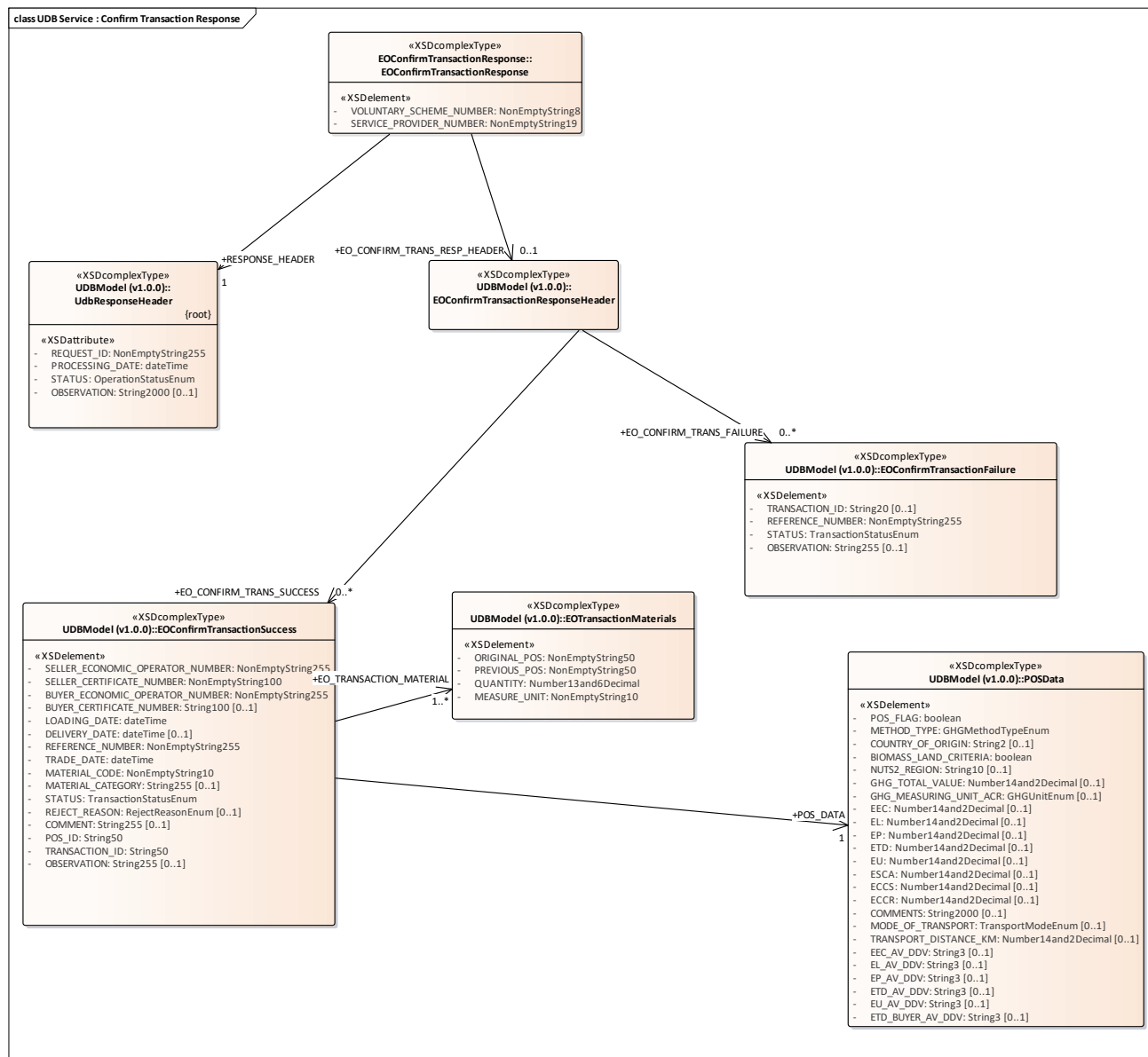


Figure 17: UDB Service : Confirm Transaction Response

### 3.1.1.17 UDB Service : Error Response diagram

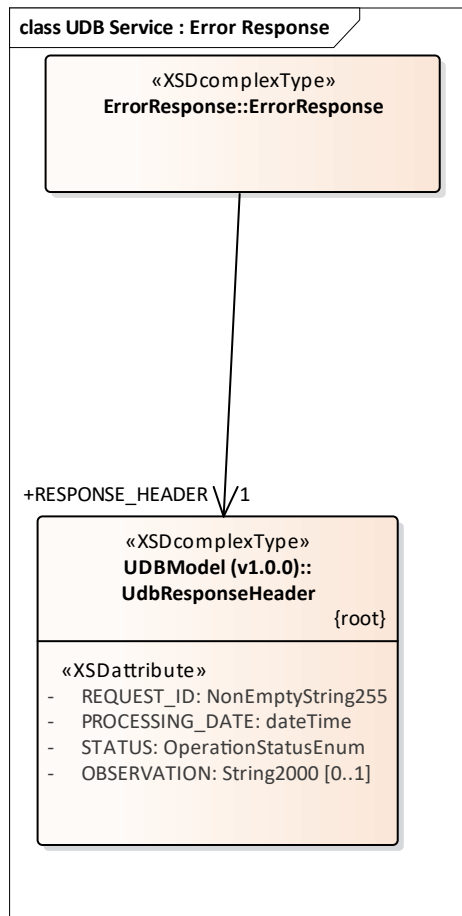


Figure 18: UDB Service : Error Response

### 3.1.1.18 UDB Service : Get Certificate Request diagram

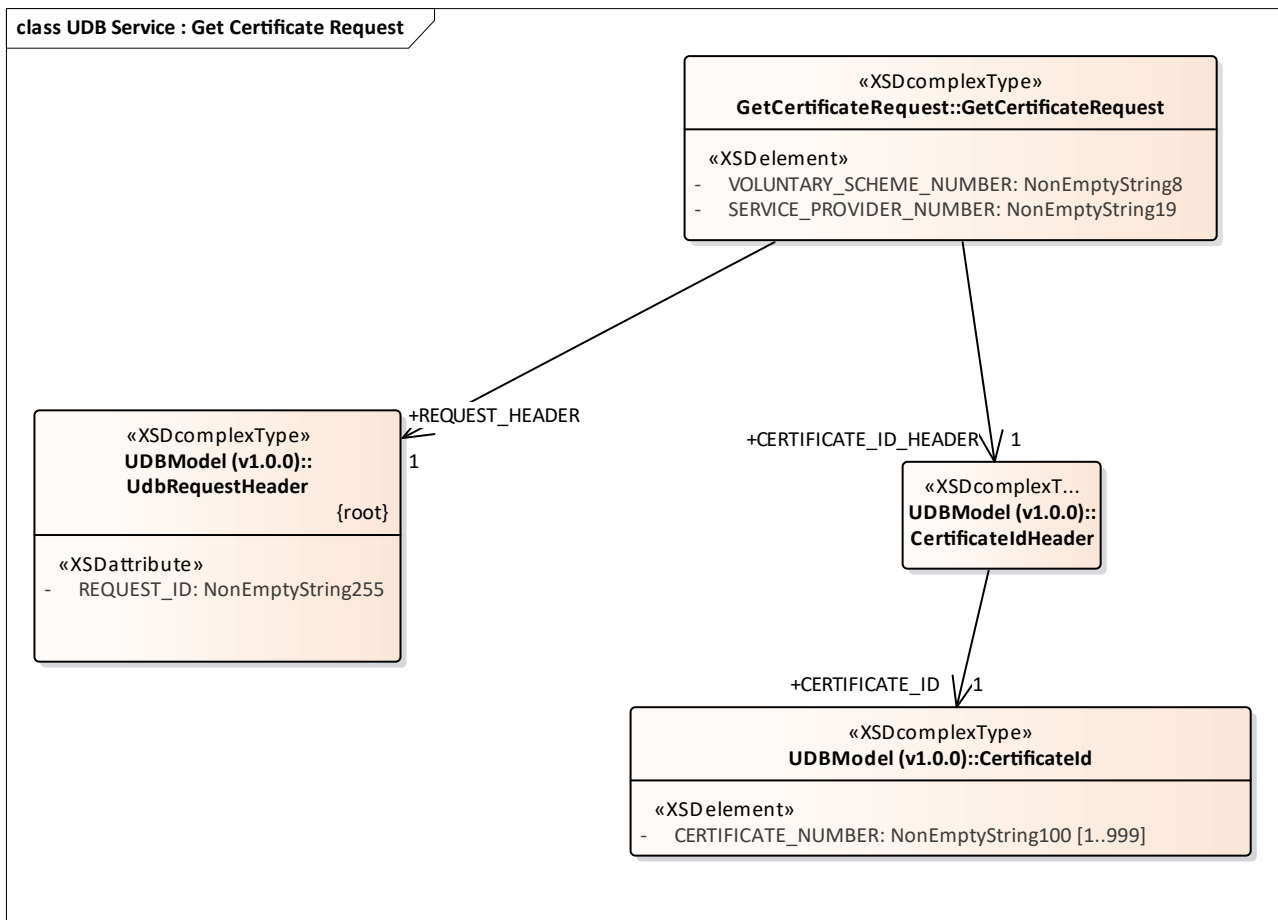


Figure 19: UDB Service : Get Certificate Request

### 3.1.1.19 UDB Service : Get Certificate Response diagram

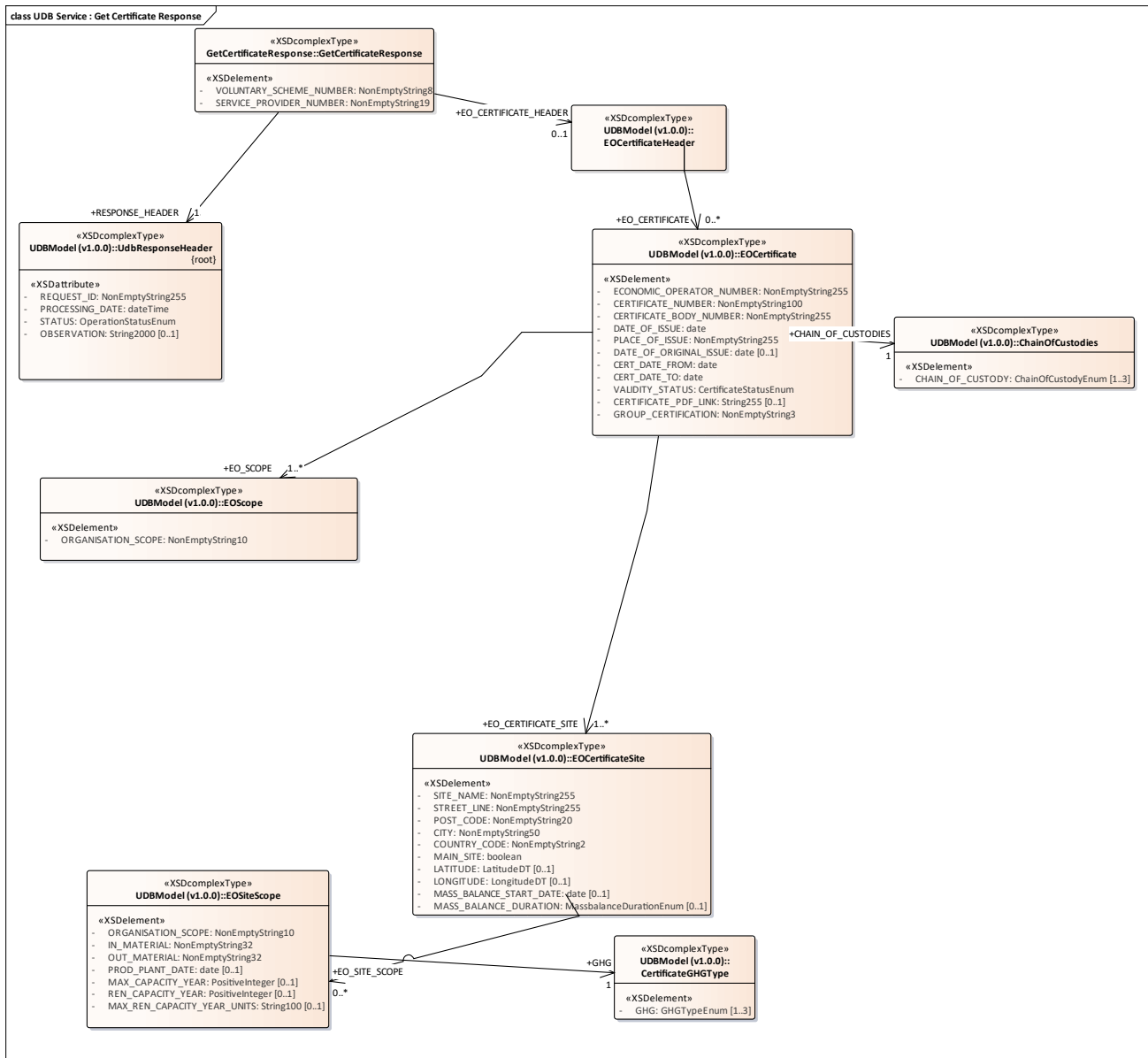


Figure 20: UDB Service : Get Certificate Response

### 3.1.1.20 UDB Service : Get Gas Injection : Request diagram

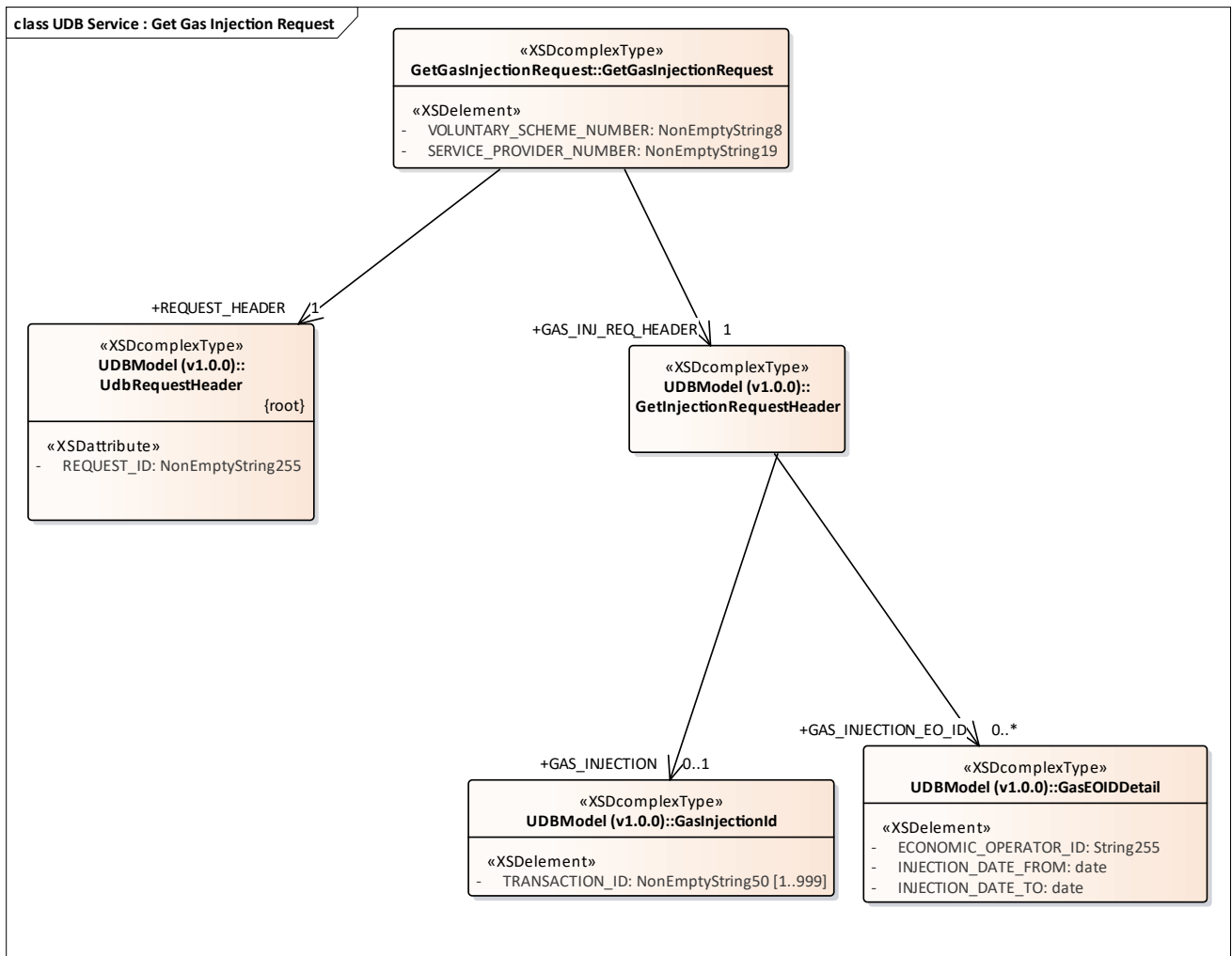


Figure 21: UDB Service : Get Gas Injection Request

### 3.1.1.21 UDB Service : Get Gas Injection Response diagram

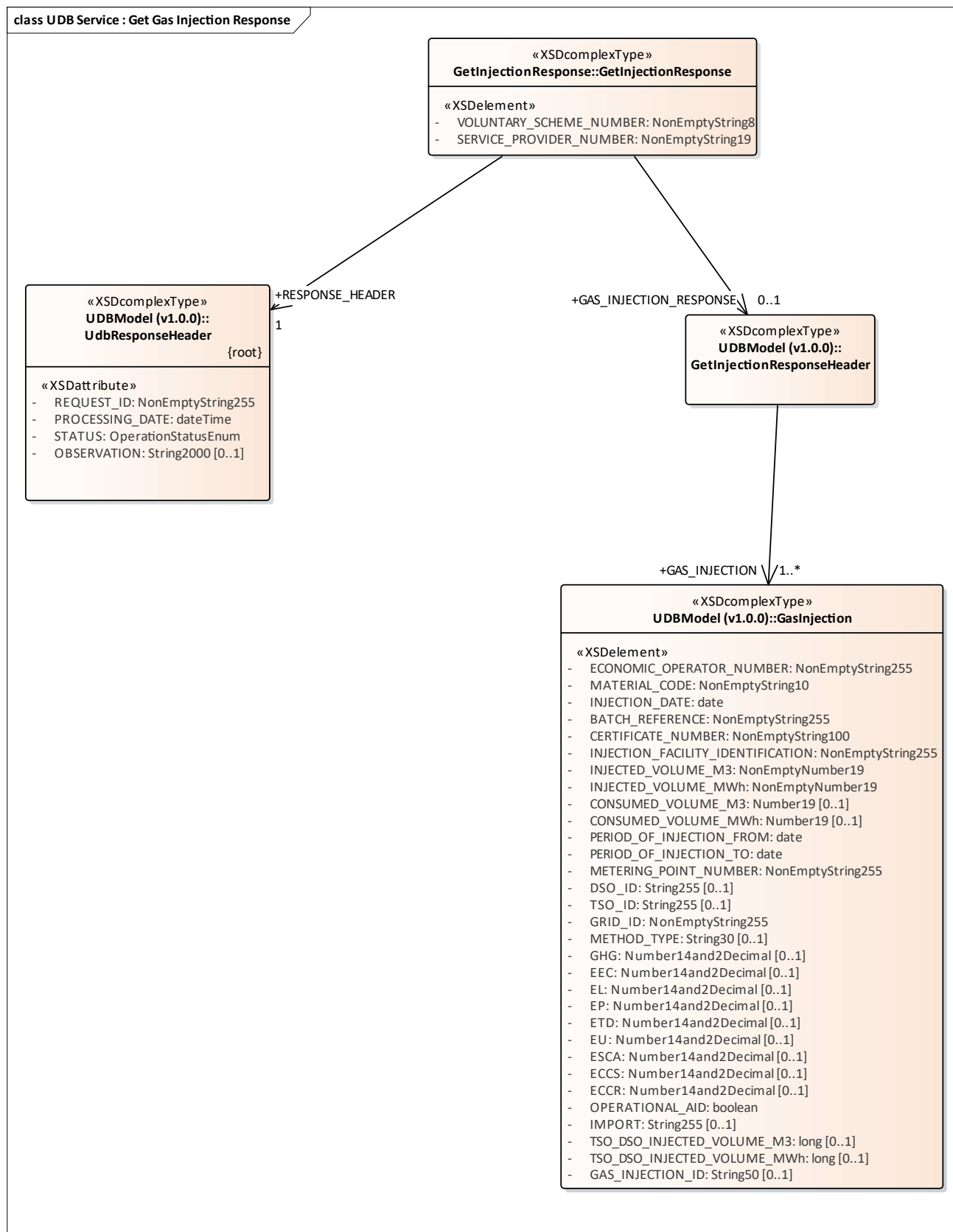


Figure 22: UDB Service : Get Gas Injection Response

### 3.1.1.22 UDB Service : Get Material Process List Request diagram

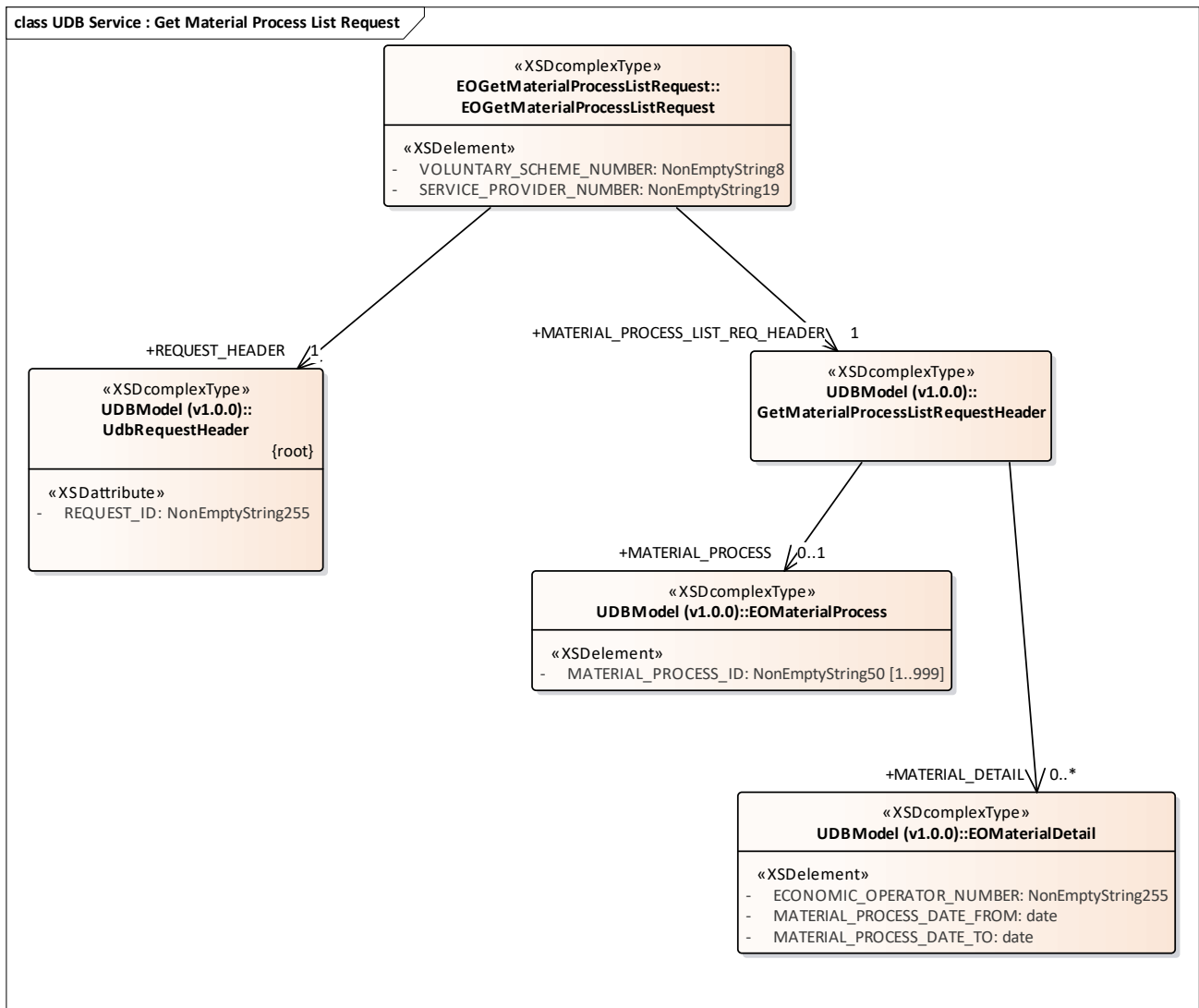


Figure 23: UDB Service : Get Material Process List Request

### 3.1.1.23 UDB Service : Get Material Process List Response diagram



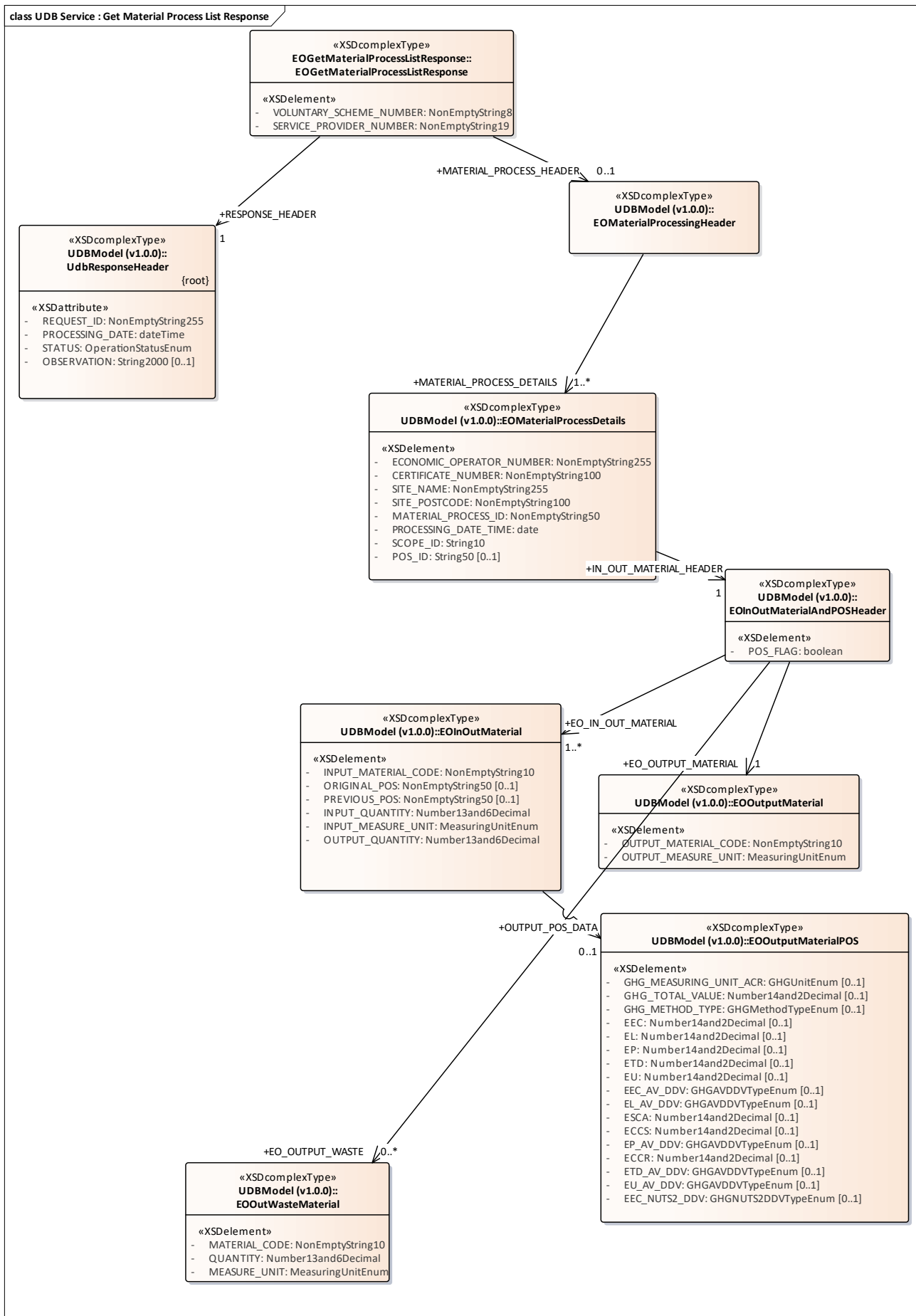


Figure 24: UDB Service : Get Material Process List Response

### 3.1.1.24 UDB Service : Get POS List Request diagram

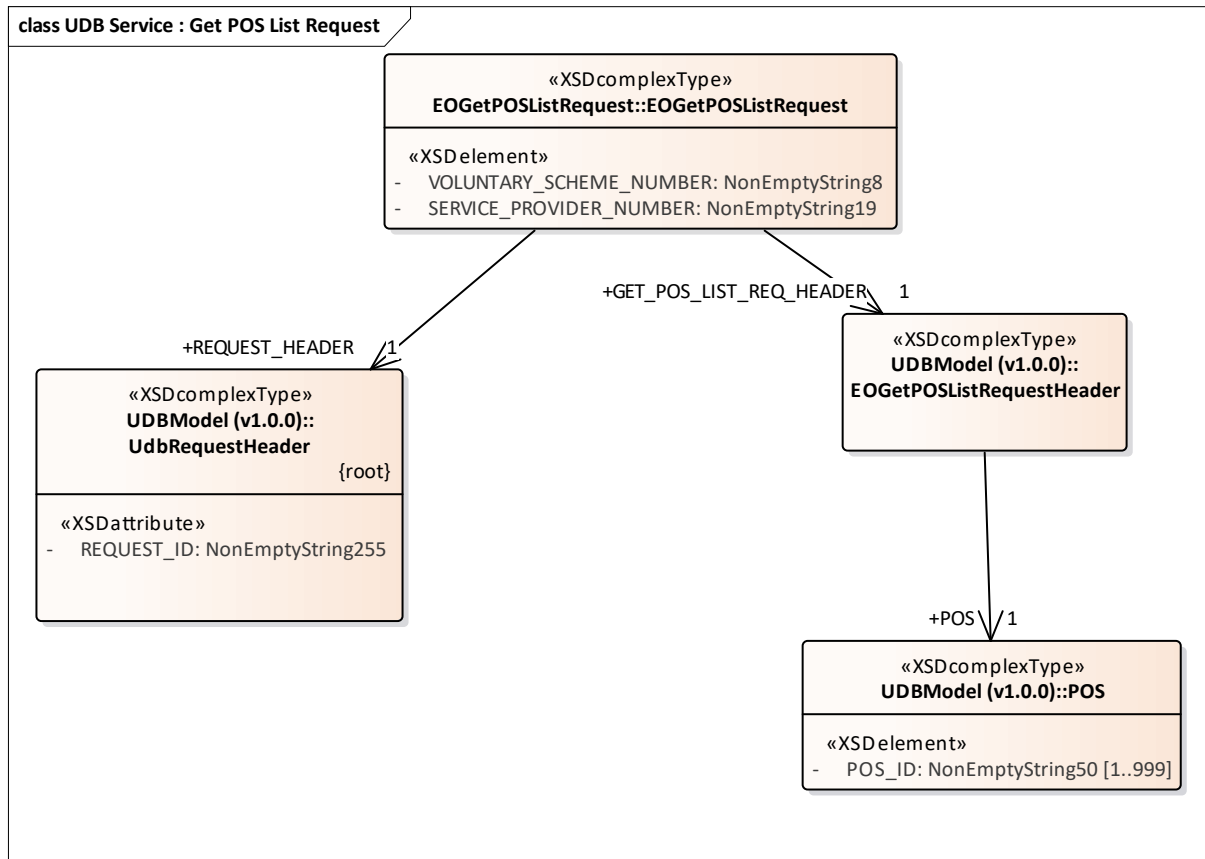


Figure 25: UDB Service : Get POS List Request

### 3.1.1.25 UDB Service : Get POS List Response diagram

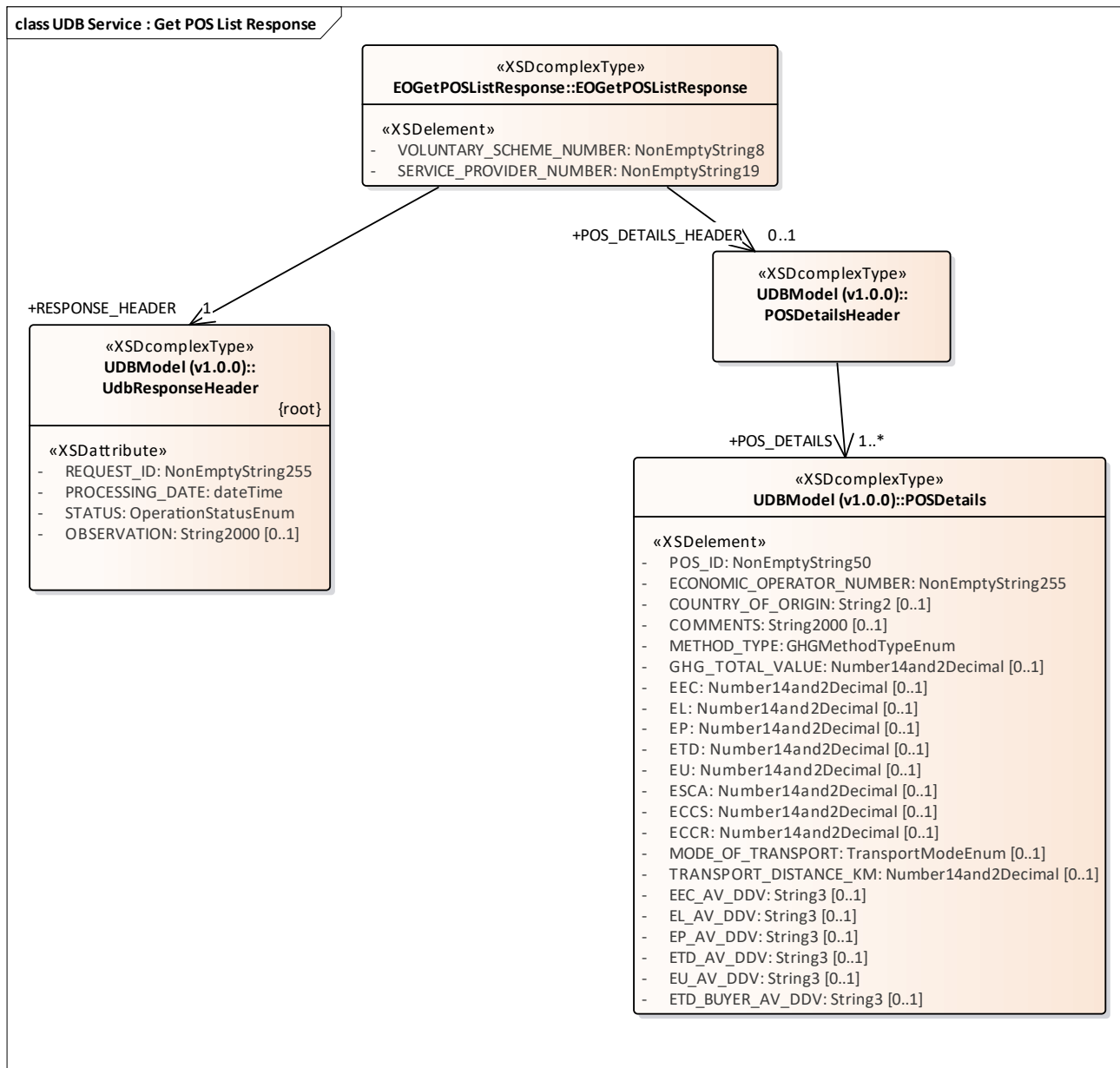


Figure 26: UDB Service : Get POS List Response

### 3.1.1.26 UDB Service : Get Transaction Request diagram

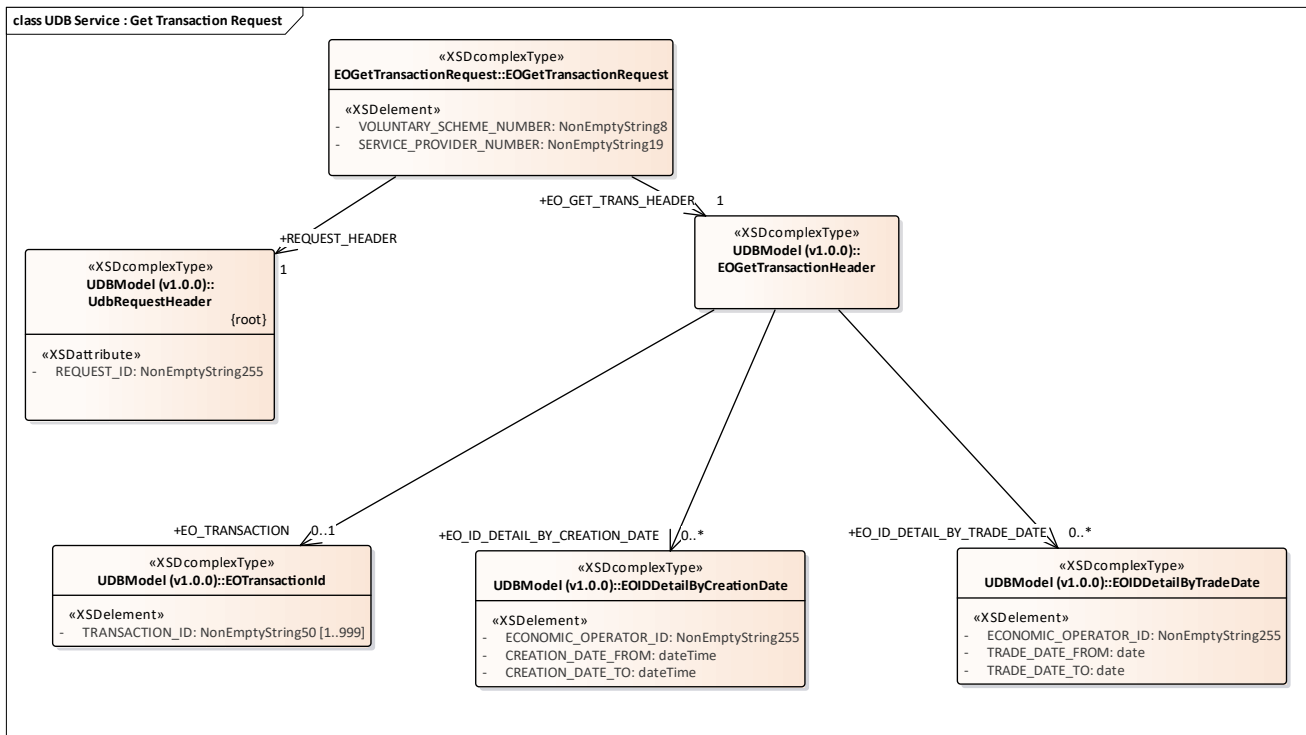


Figure 27: UDB Service : Get Transaction Request

### 3.1.1.27 UDB Service : Get Transaction Response diagram

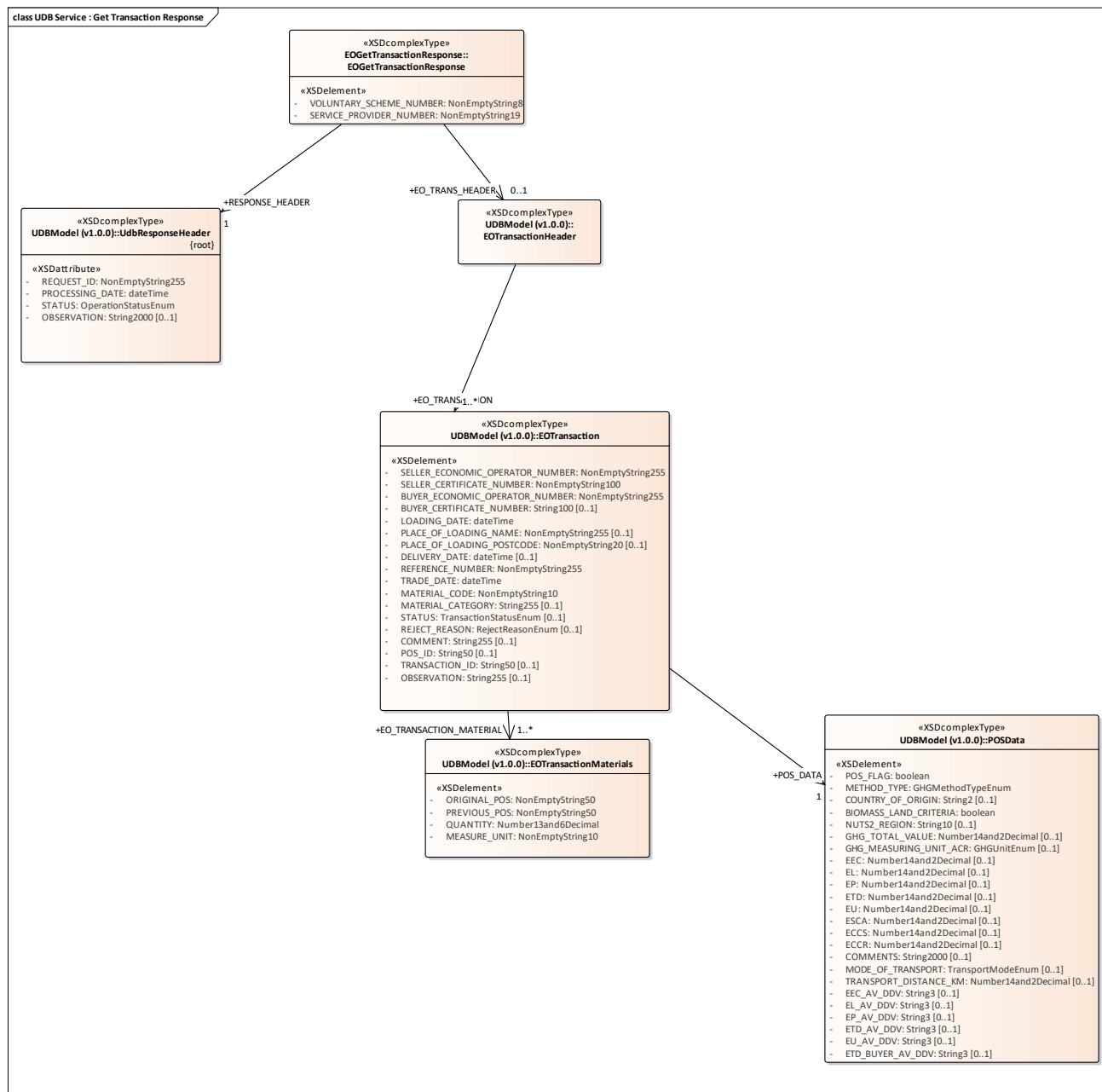


Figure 28: UDB Service : Get Transaction Response

### 3.1.1.28 UDB Service : Transaction Buyer Notification diagram

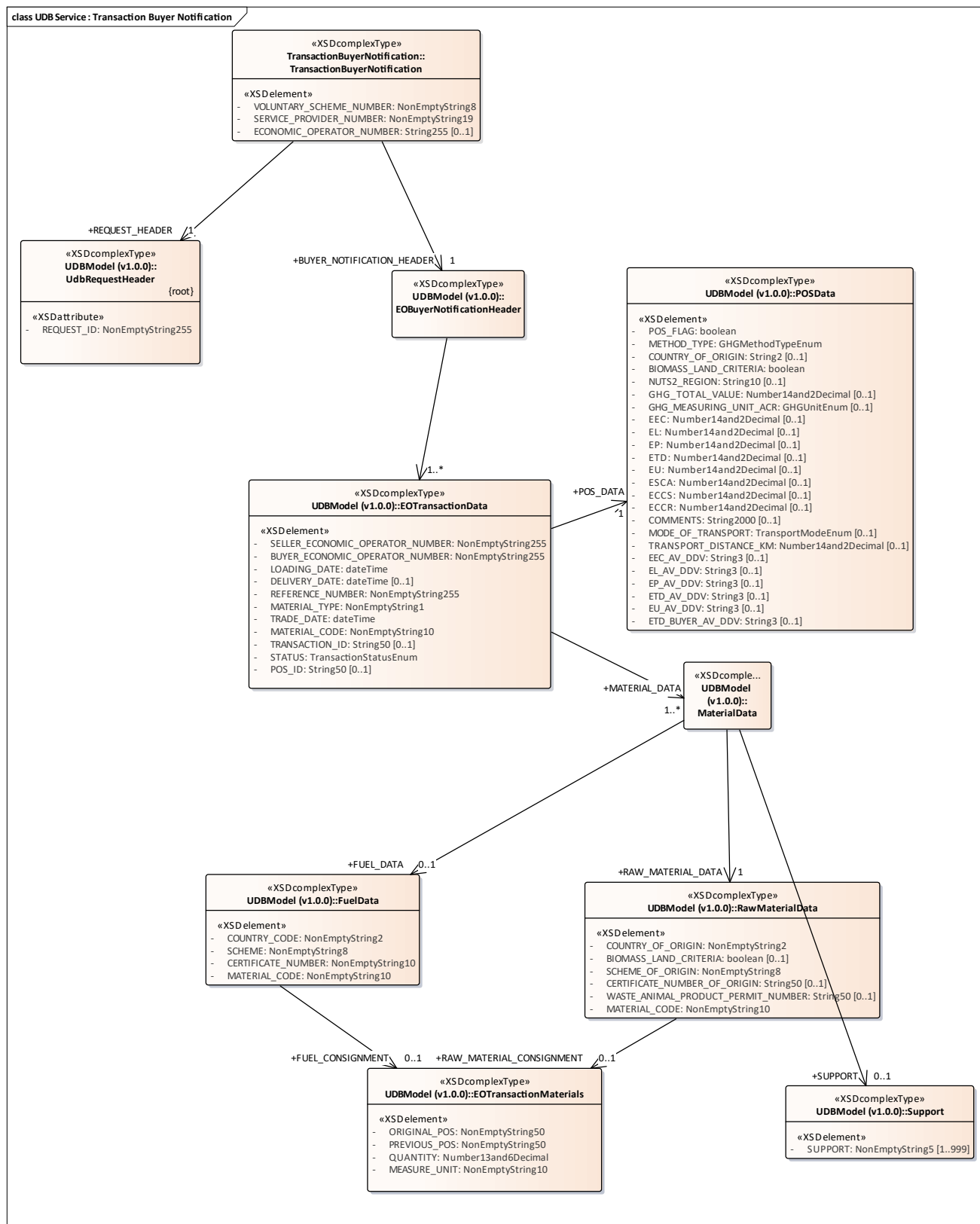


Figure 29: UDB Service : Transaction Buyer Notification

### 3.1.1.29 UDB Service : Transaction Seller Notification diagram

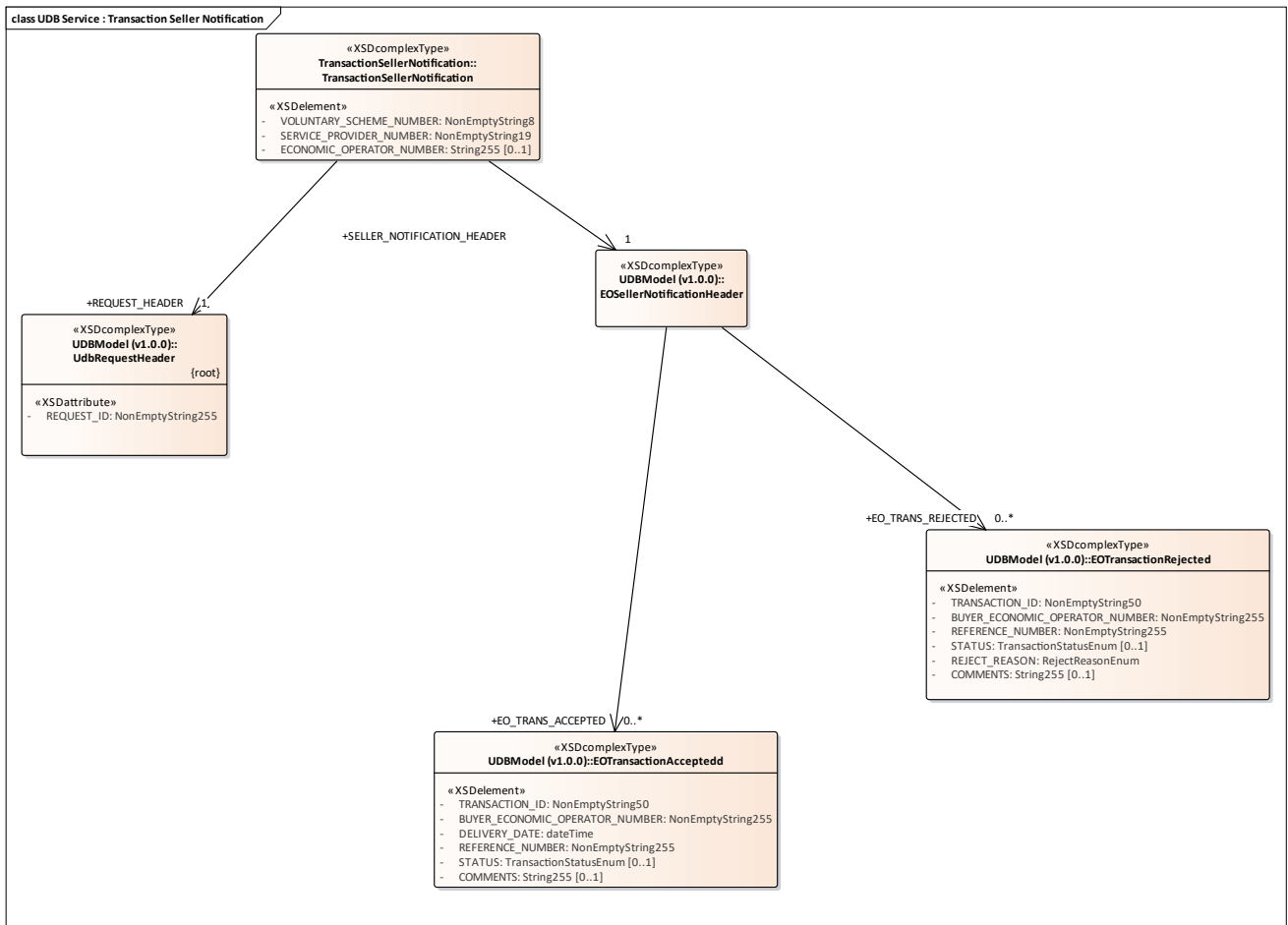


Figure 30: UDB Service : Transaction Seller Notification

### 3.1.1.30 UDB Service : Update Gas Sustainability Request diagram

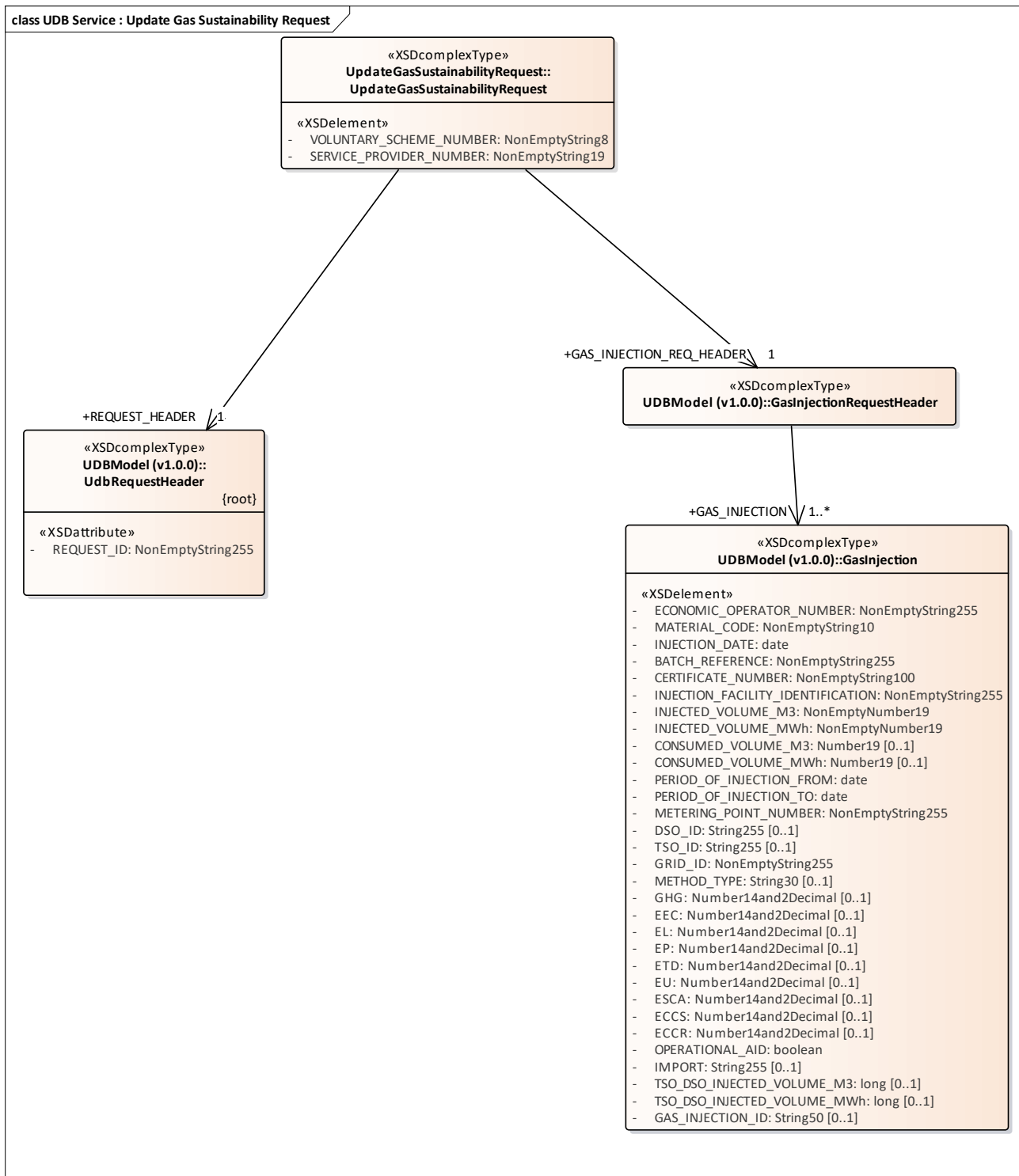


Figure 31: UDB Service : Update Gas Sustainability Request

### 3.1.1.31 UDB Service : Update Gas Sustainability Response diagram



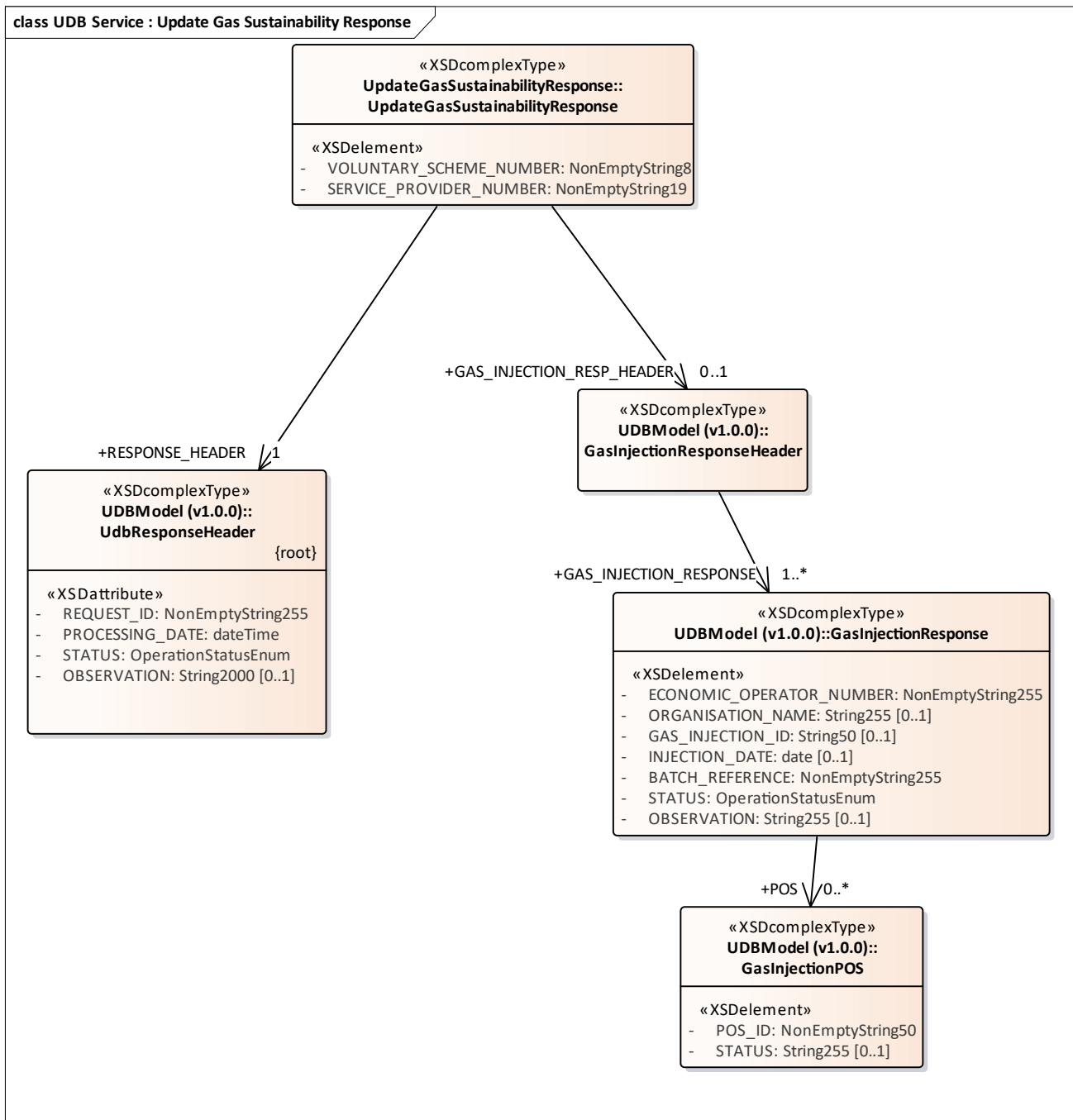


Figure 32: UDB Service : Update Gas Sustainability Response

### 3.1.1.32 UDB Service : Update POS Request diagram

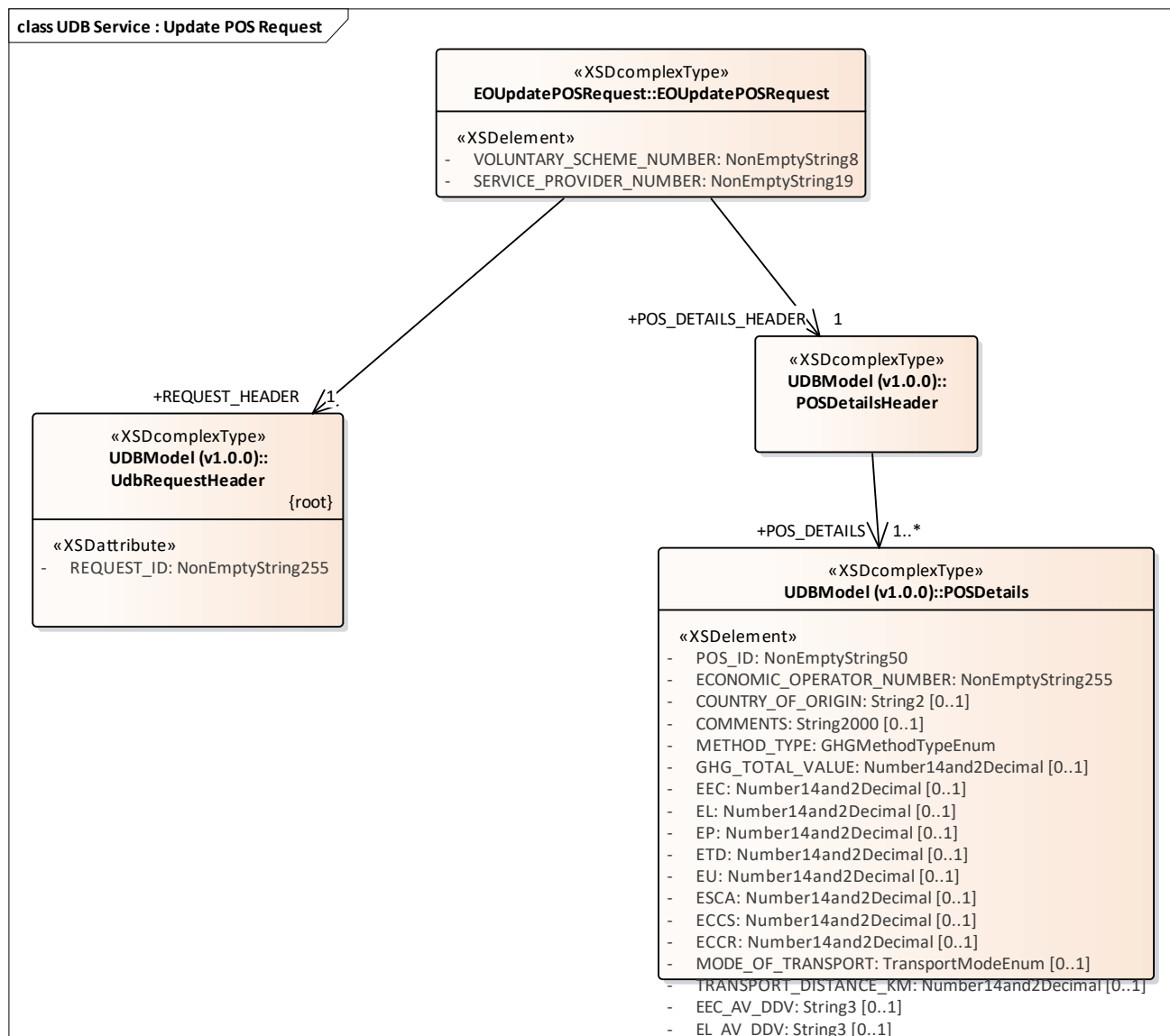


Figure 33: UDB Service : Update POS Request

### 3.1.1.33 UDB Service : Update POS Response diagram

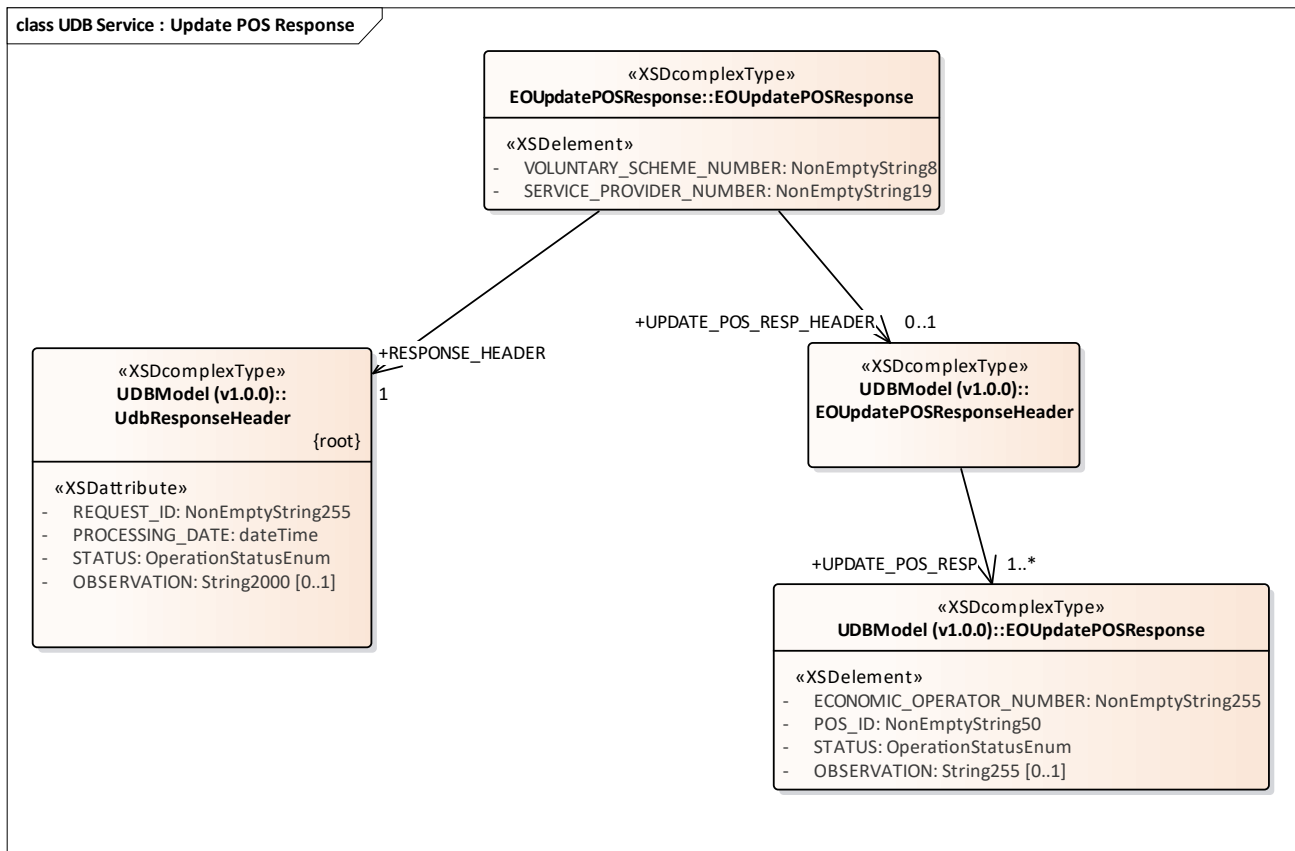


Figure 34: UDB Service : Update POS Response

### 3.1.1.34 UDB service : Add FGP Transaction Request diagram

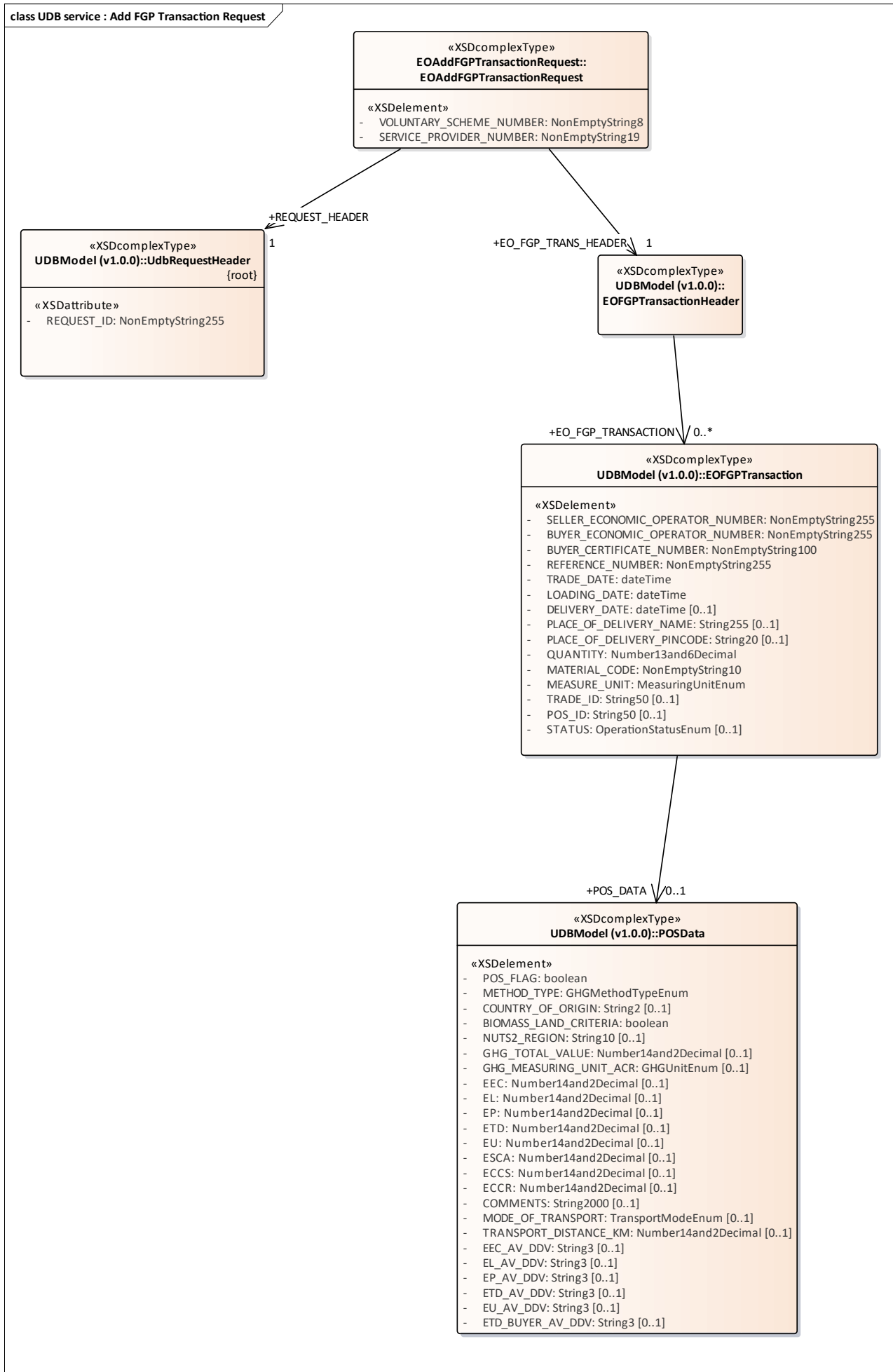


Figure 35: UDB service : Add FGP Transaction Request

### 3.1.1.35 UDB service : Add FGP Transaction Response diagram

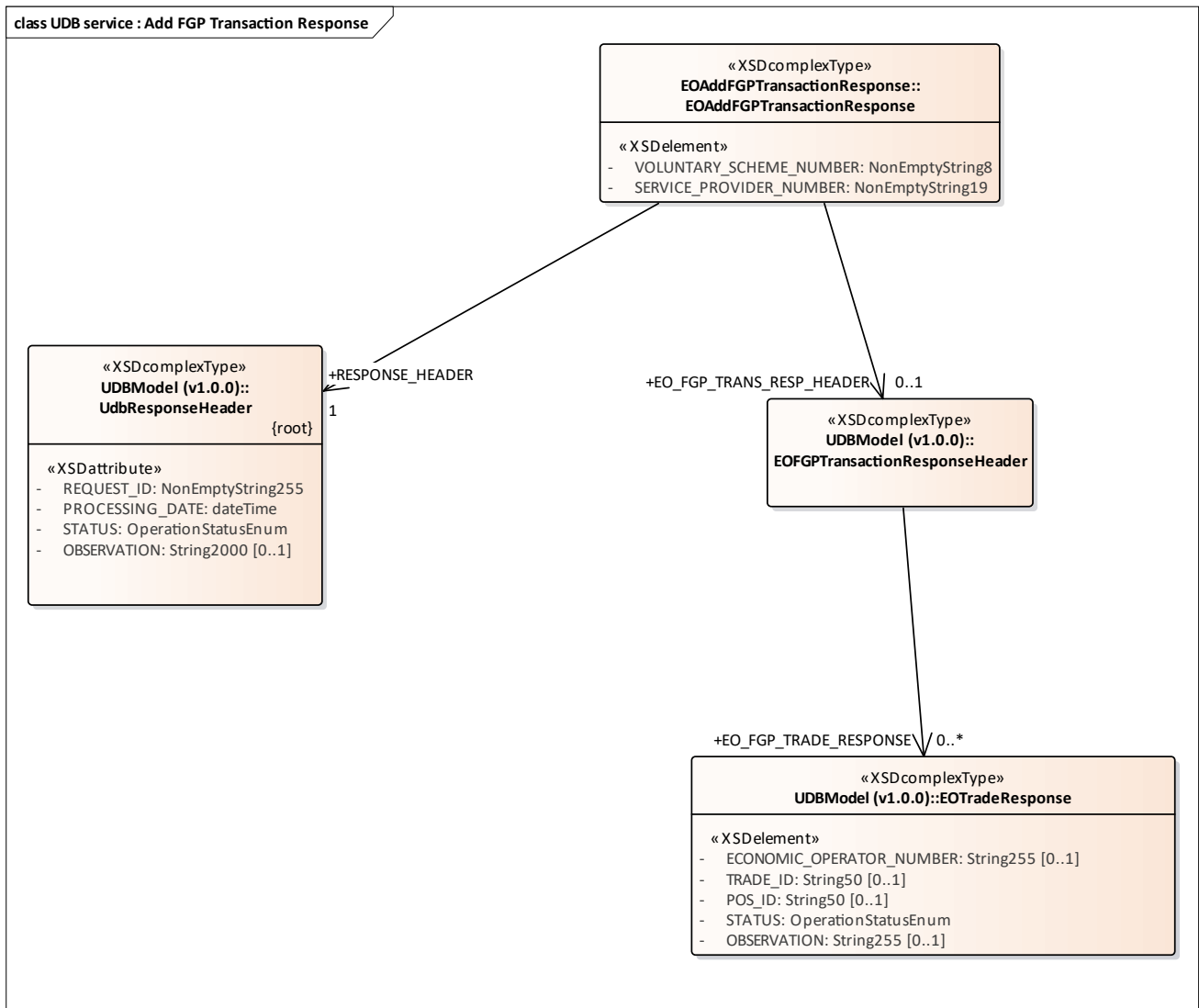


Figure 36: UDB service : Add FGP Transaction Response

### 3.1.1.36 UDB service : Add Gas Withdrawal Request diagram

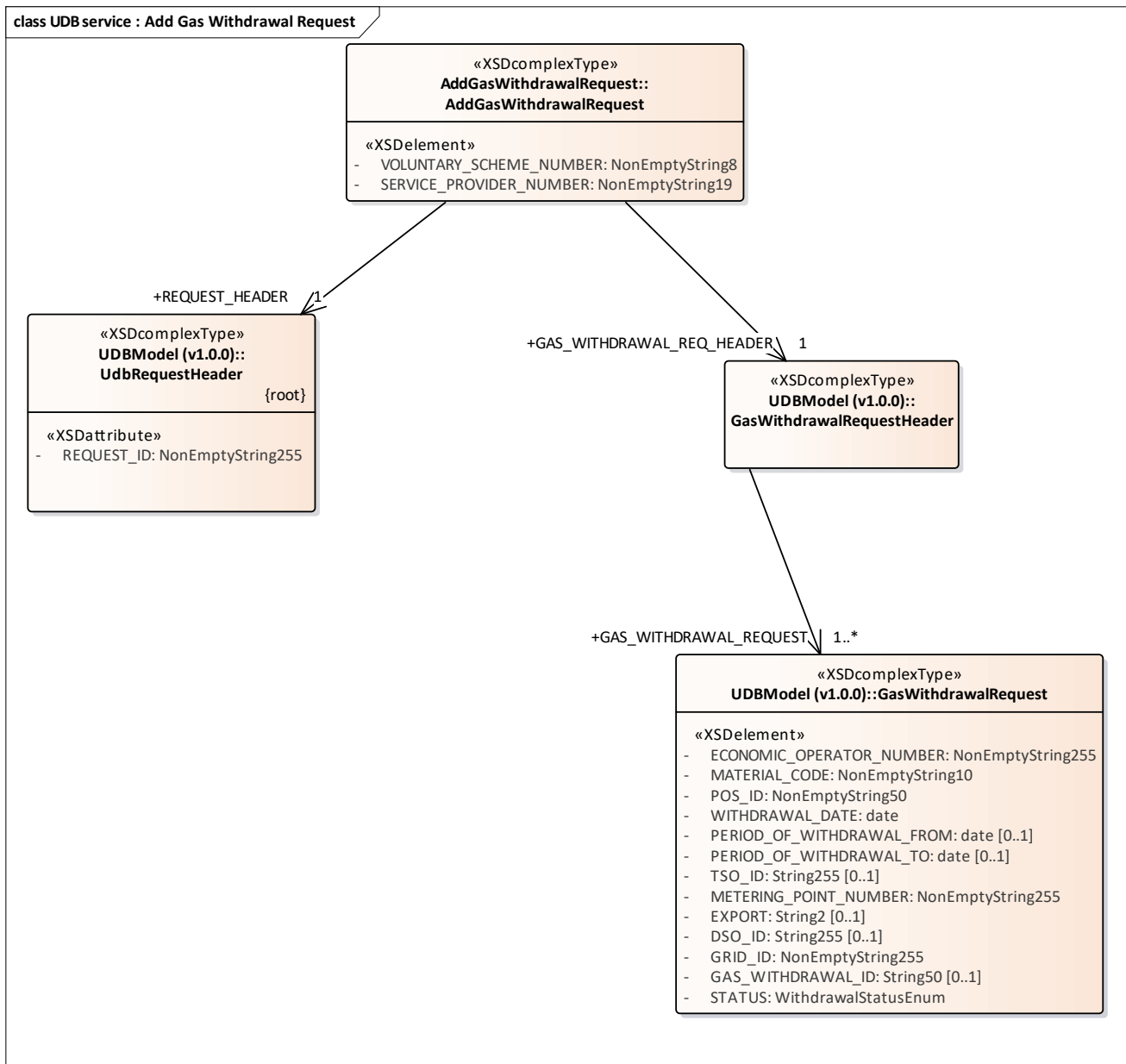


Figure 37: UDB service : Add Gas Withdrawal Request

### 3.1.1.37 UDB service : Add Gas Withdrawal Response diagram

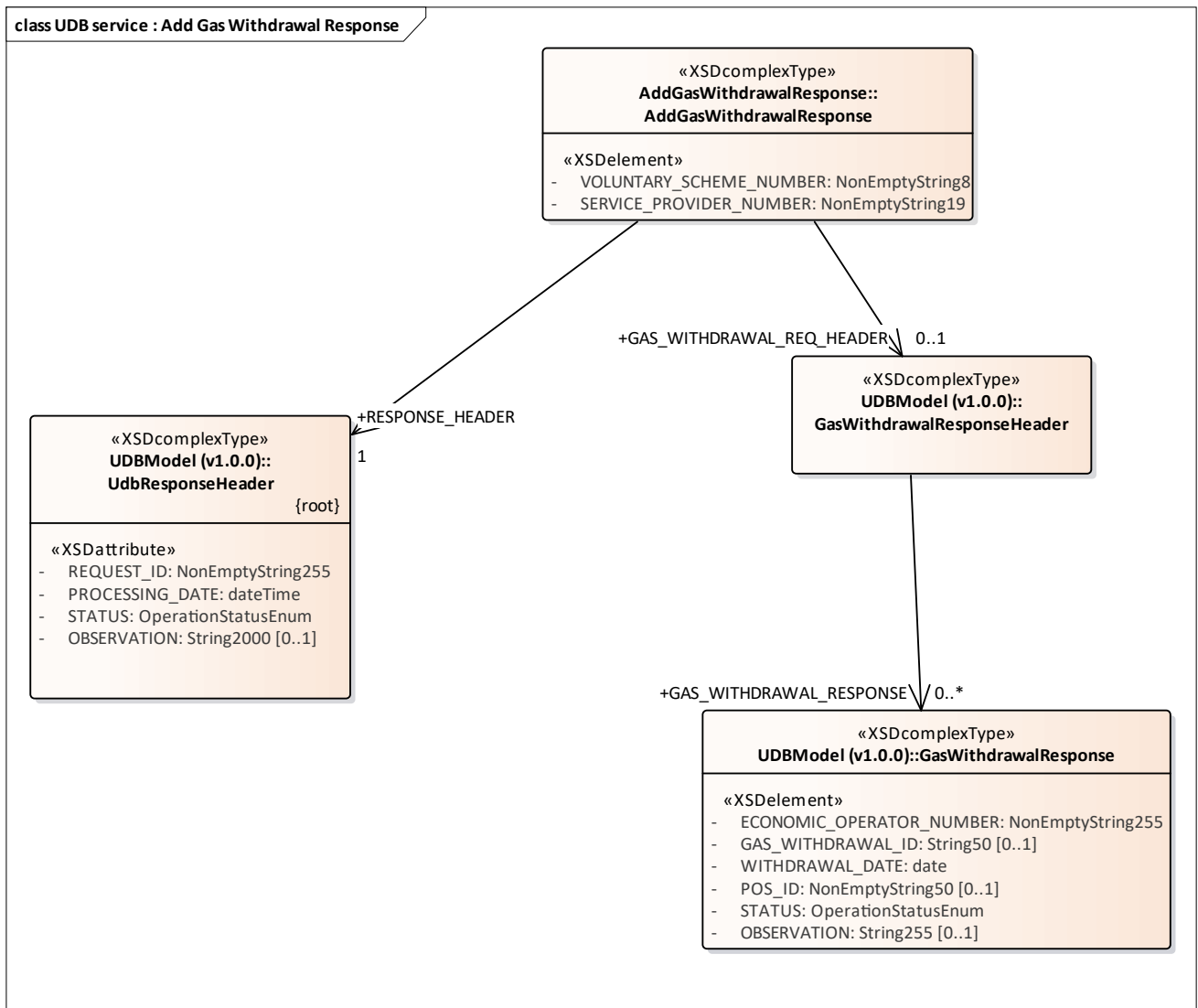


Figure 38: UDB service : Add Gas Withdrawal Response

### 3.1.1.38 UDB service : Add Point of Origin Trade Request diagram

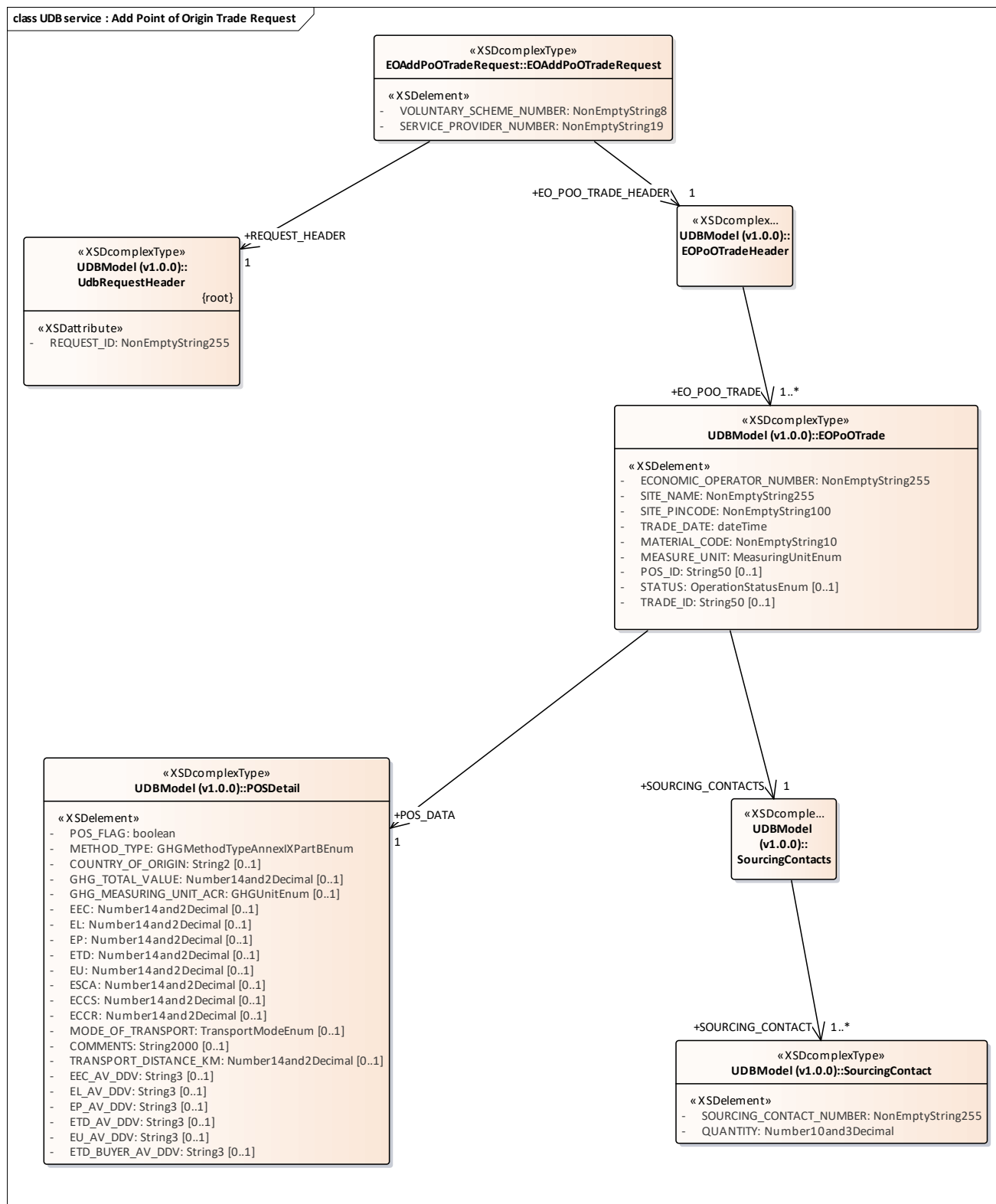


Figure 39: UDB service : Add Point of Origin Trade Request

### 3.1.1.39 UDB service : Add Point of Origin Trade Response diagram



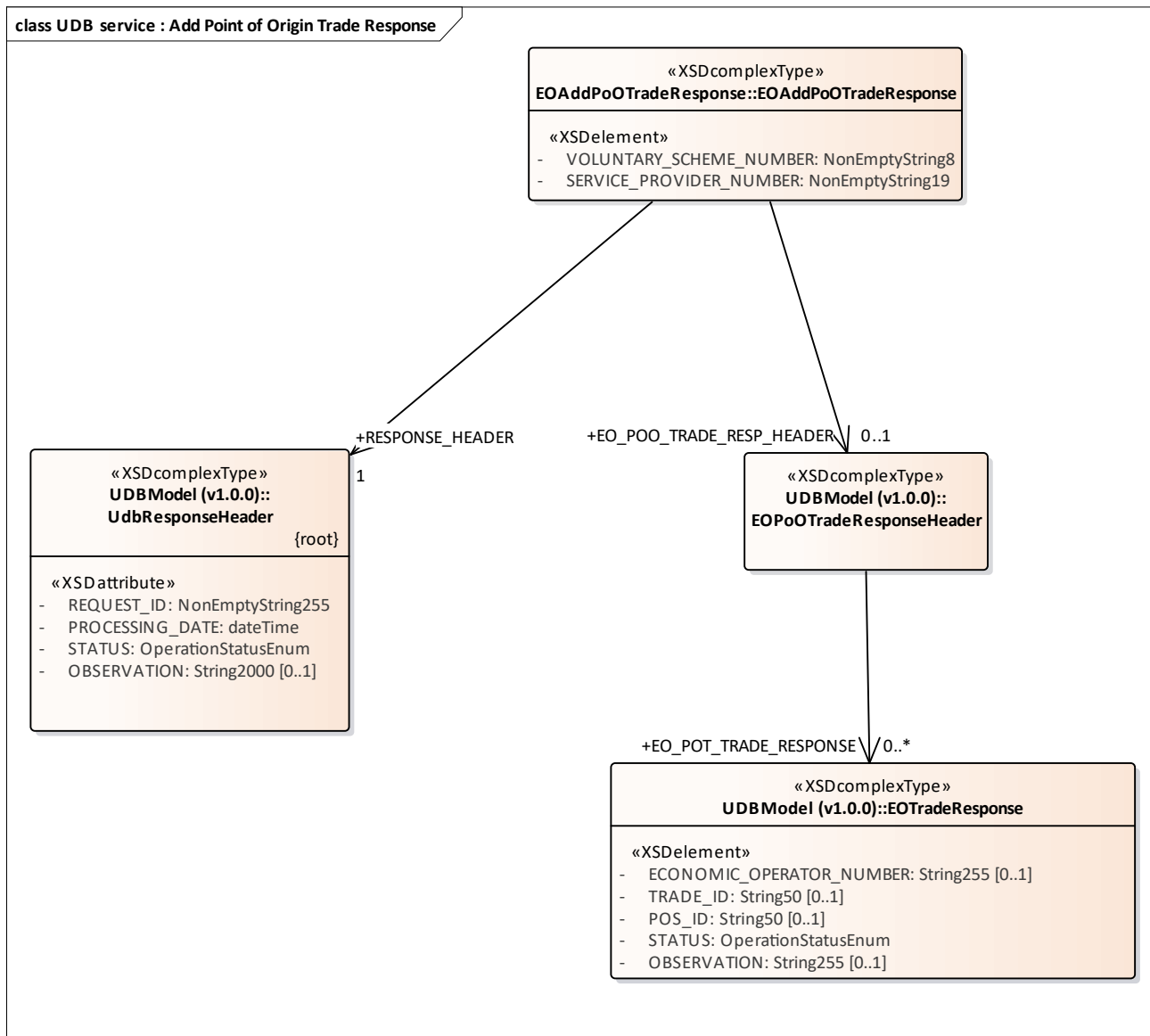


Figure 40: UDB service : Add Point of Origin Trade Response

### 3.1.1.40 UDB service : Cancel Transaction Request diagram

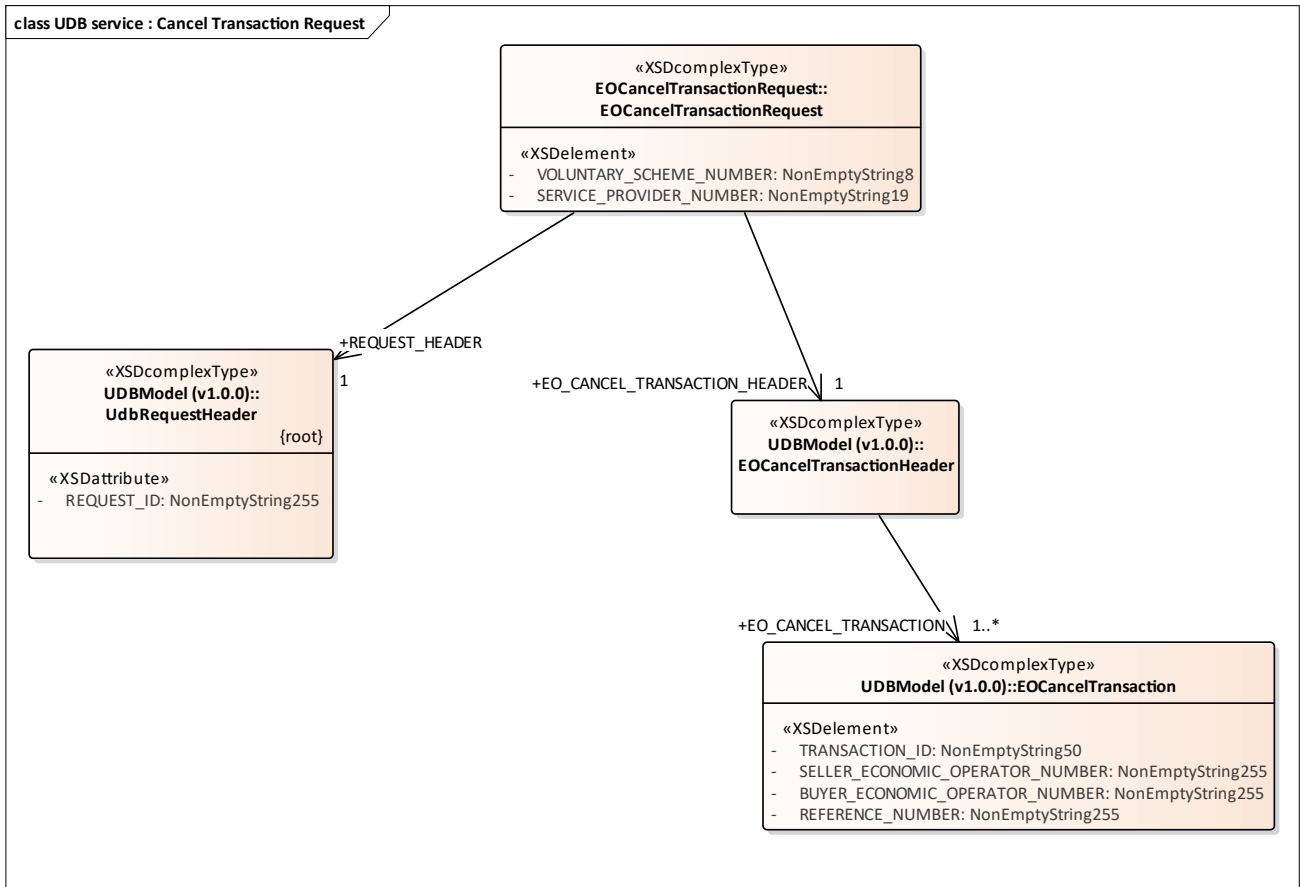


Figure 41: UDB service : Cancel Transaction Request

### 3.1.1.41 UDB service : Cancel Transaction Response diagram

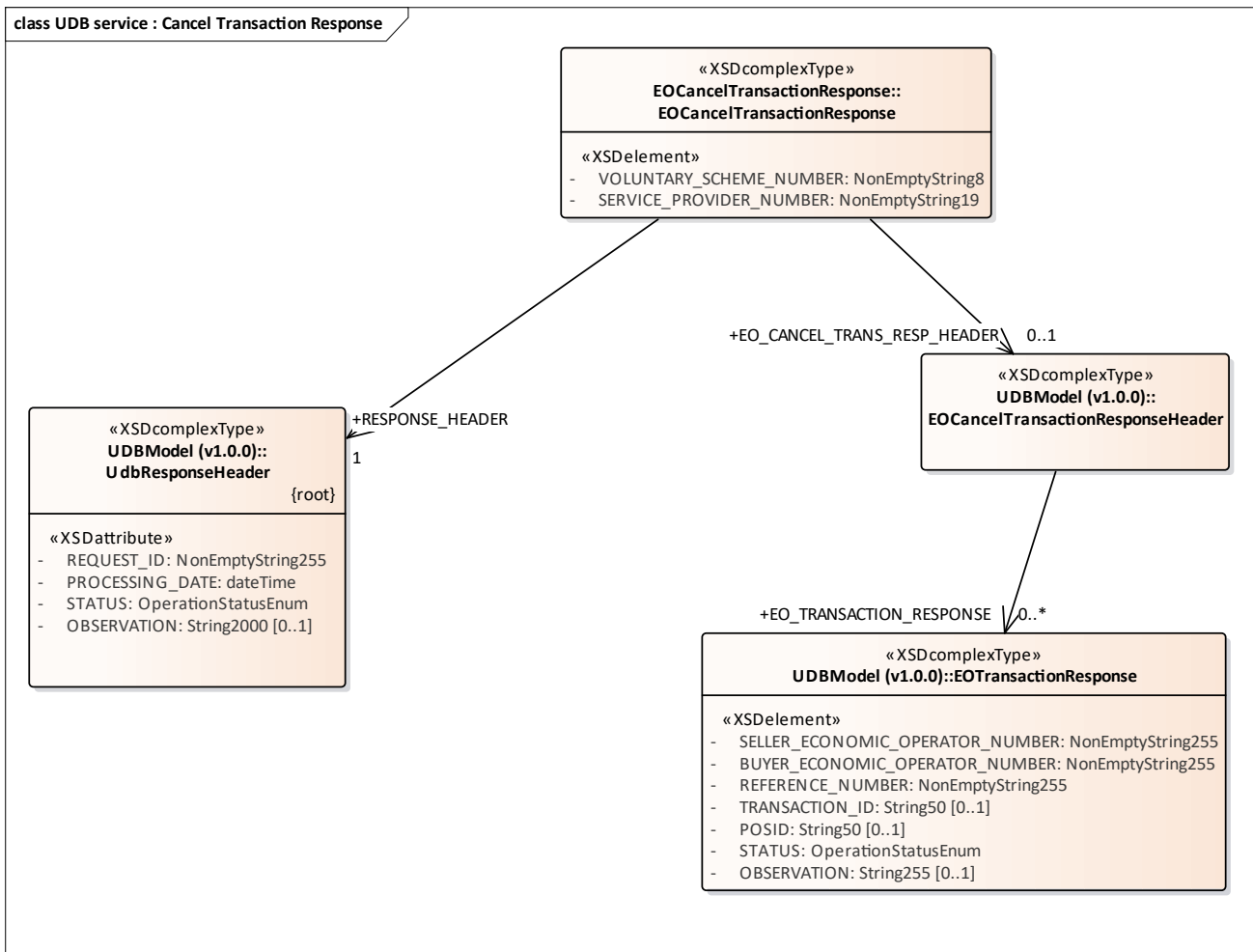


Figure 42: UDB service : Cancel Transaction Response

### 3.1.1.42 UDB service : Confirm Gas Injection Request diagram

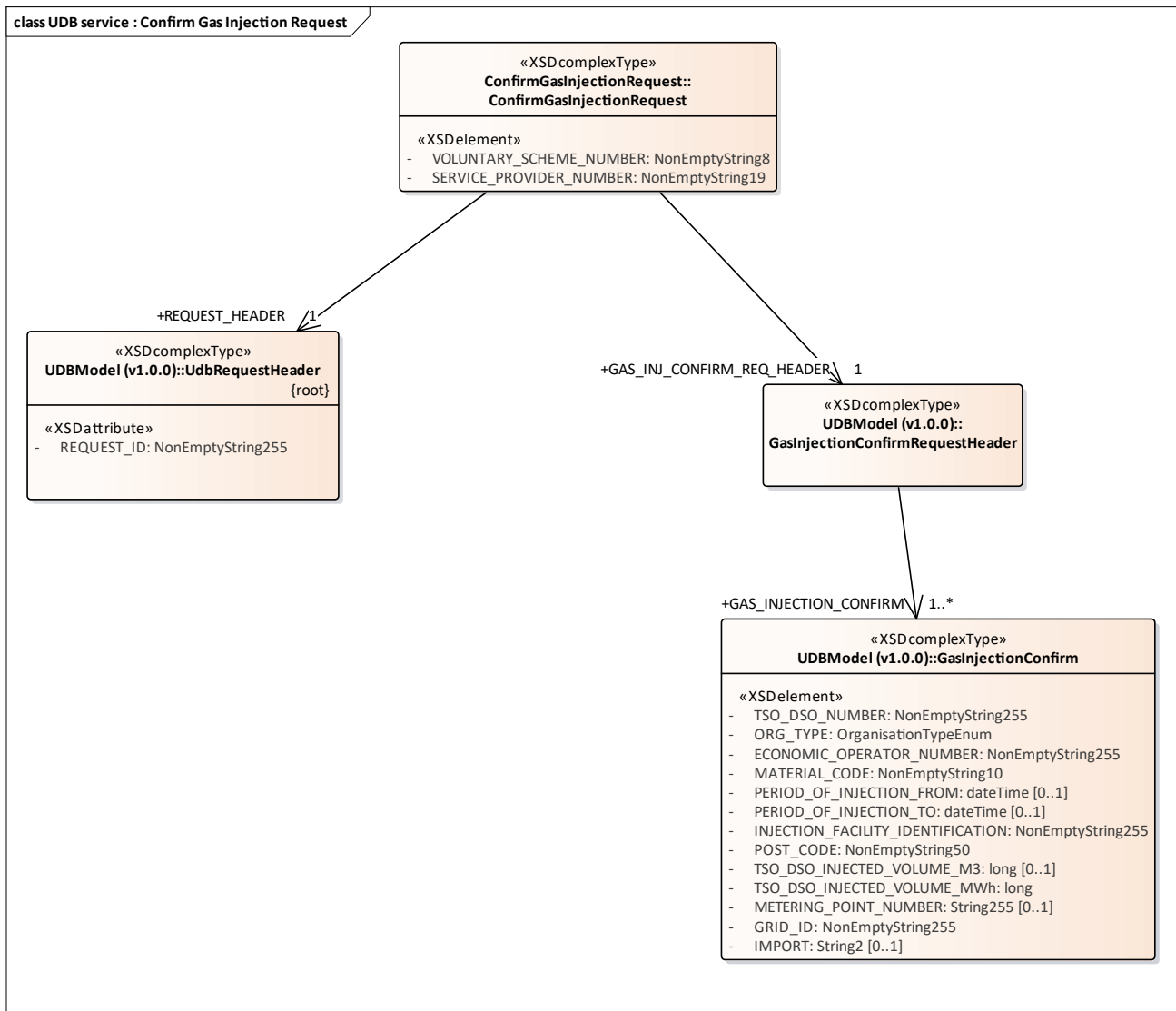


Figure 43: UDB service : Confirm Gas Injection Request

### 3.1.1.43 UDB service : Confirm Gas Injection Respose diagram

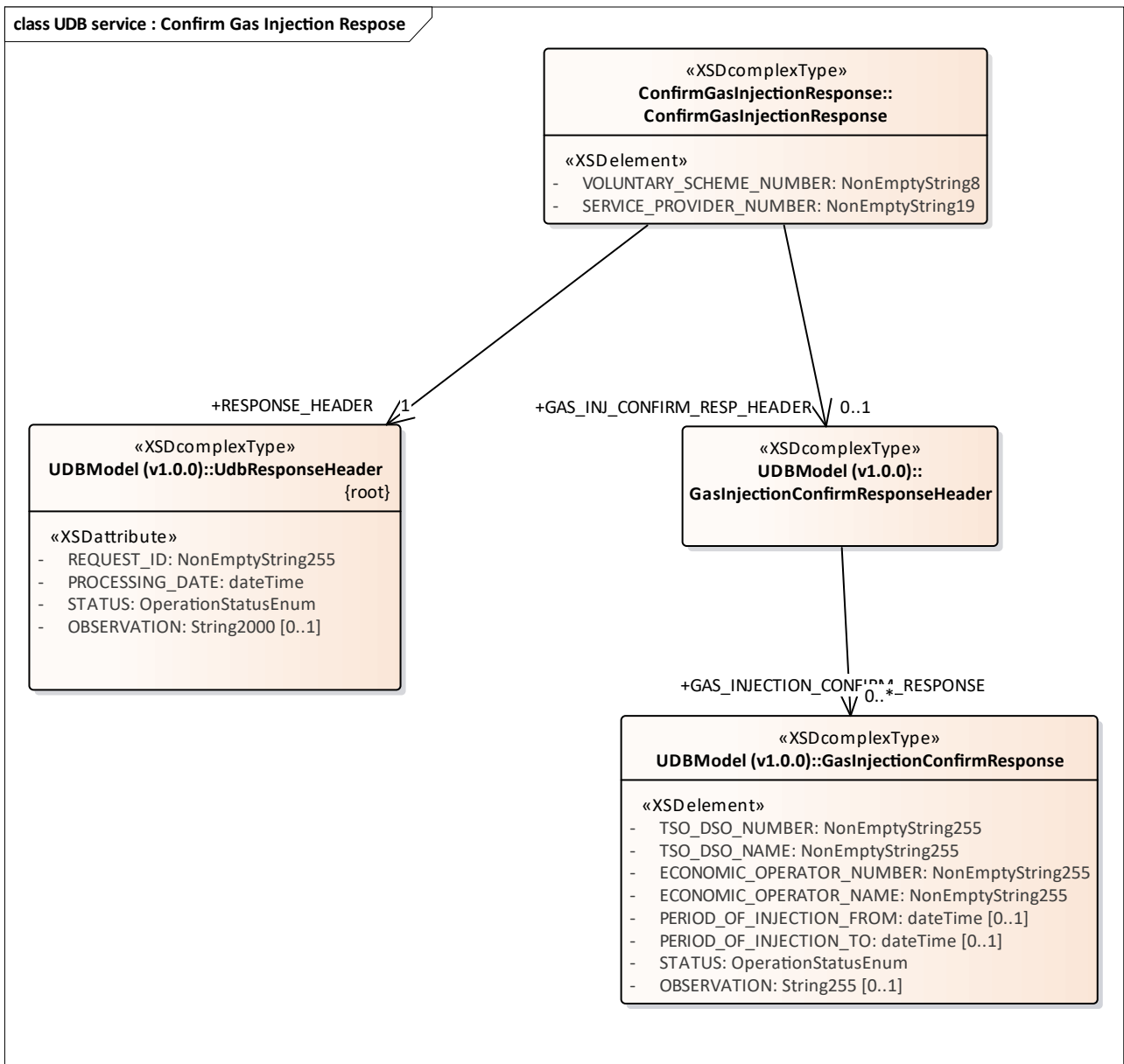


Figure 44: UDB service : Confirm Gas Injection Response

### 3.1.1.44 UDB service : Get FGP Transaction Request diagram

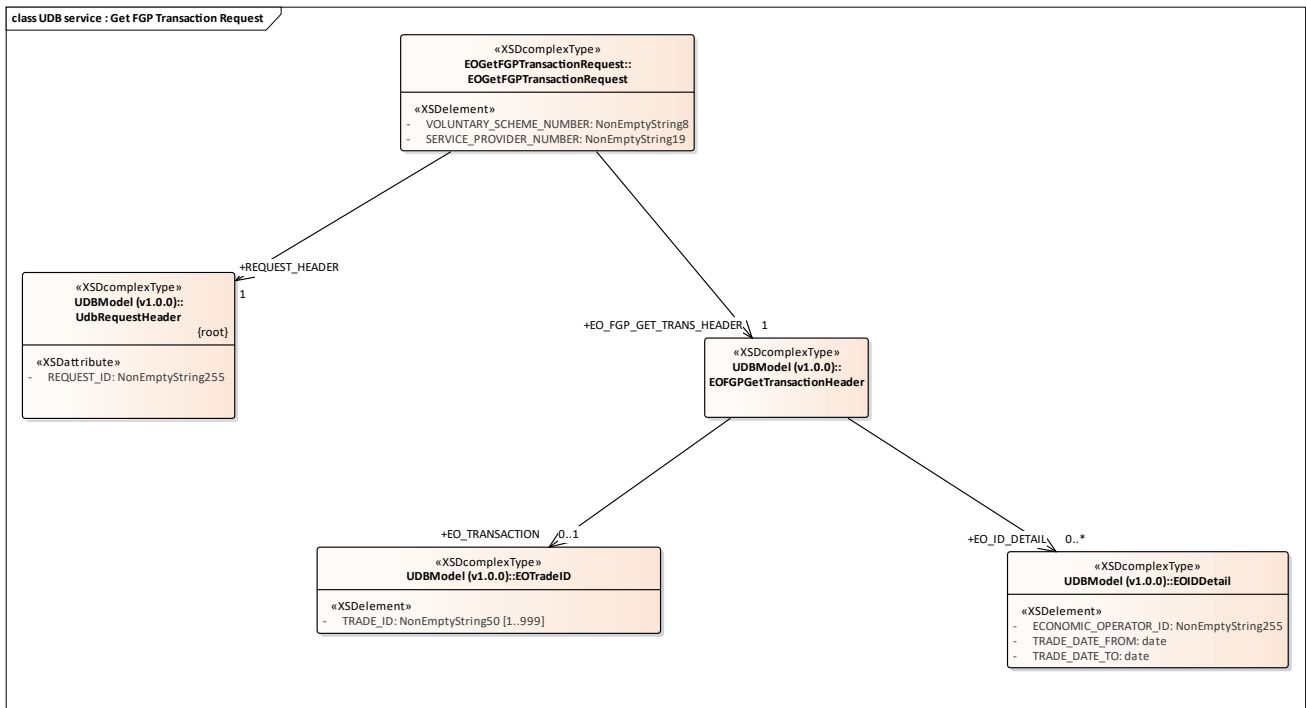


Figure 45: UDB service : Get FGP Transaction Request

### 3.1.1.45 UDB service : Get FGP Transaction Response diagram

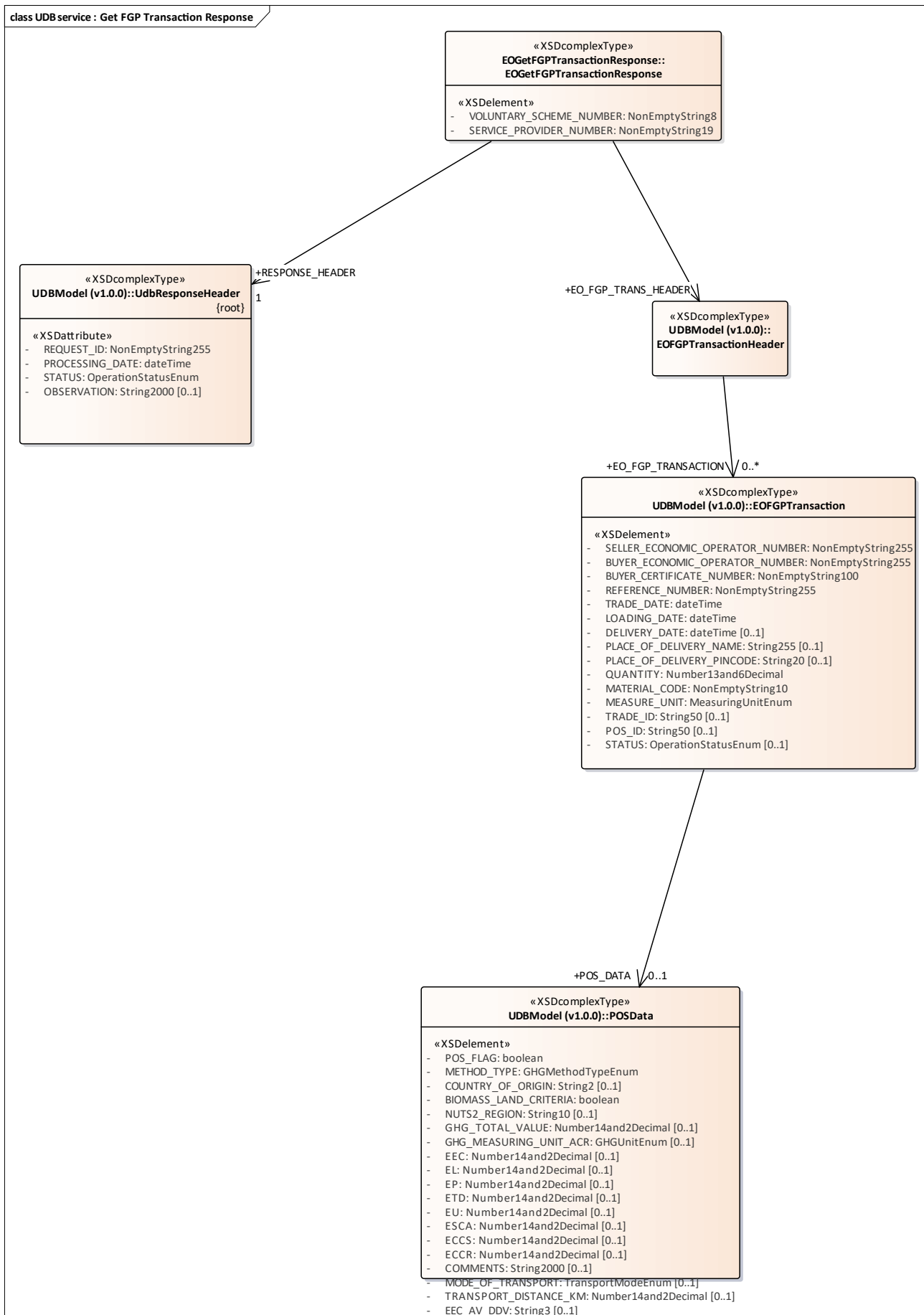


Figure 46: UDB service : Get FGP Transaction Response

### 3.1.1.46 UDB service : Get Initial Stock Request diagram

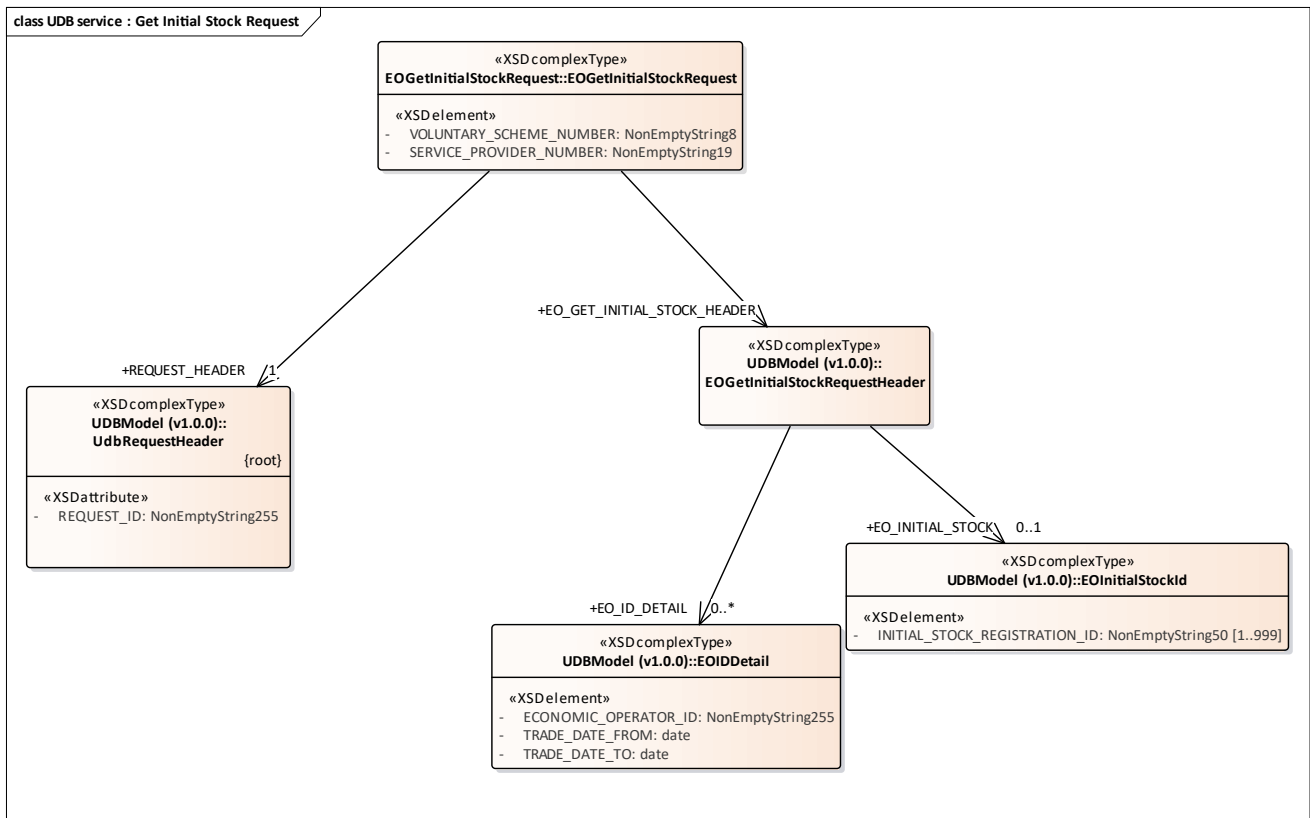


Figure 47: UDB service : Get Initial Stock Request

### 3.1.1.47 UDB service : Get Initial Stock Response diagram



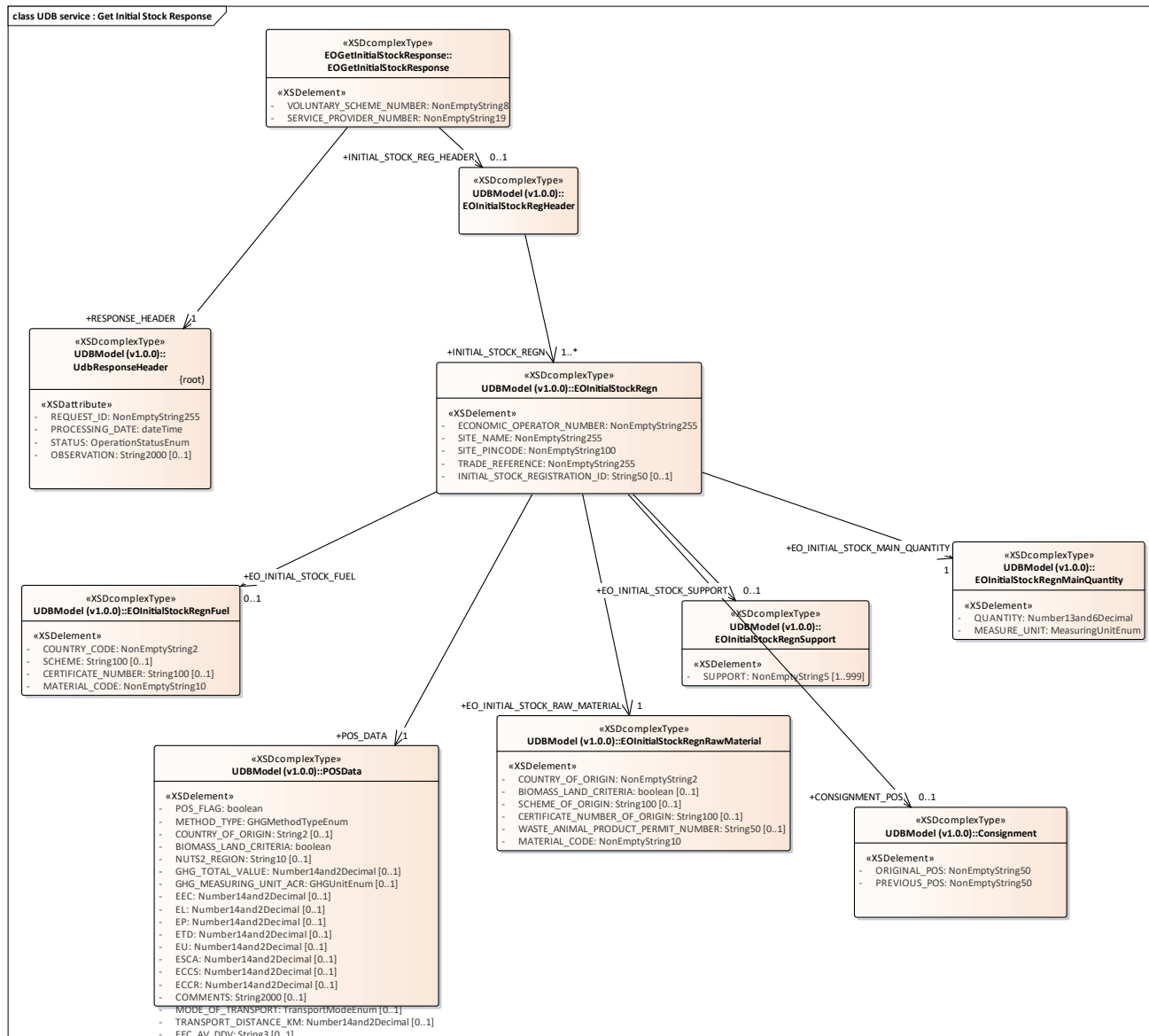


Figure 48: UDB service : Get Initial Stock Response

### 3.1.1.48 UDB service : Get Point of Origin Trade Request diagram

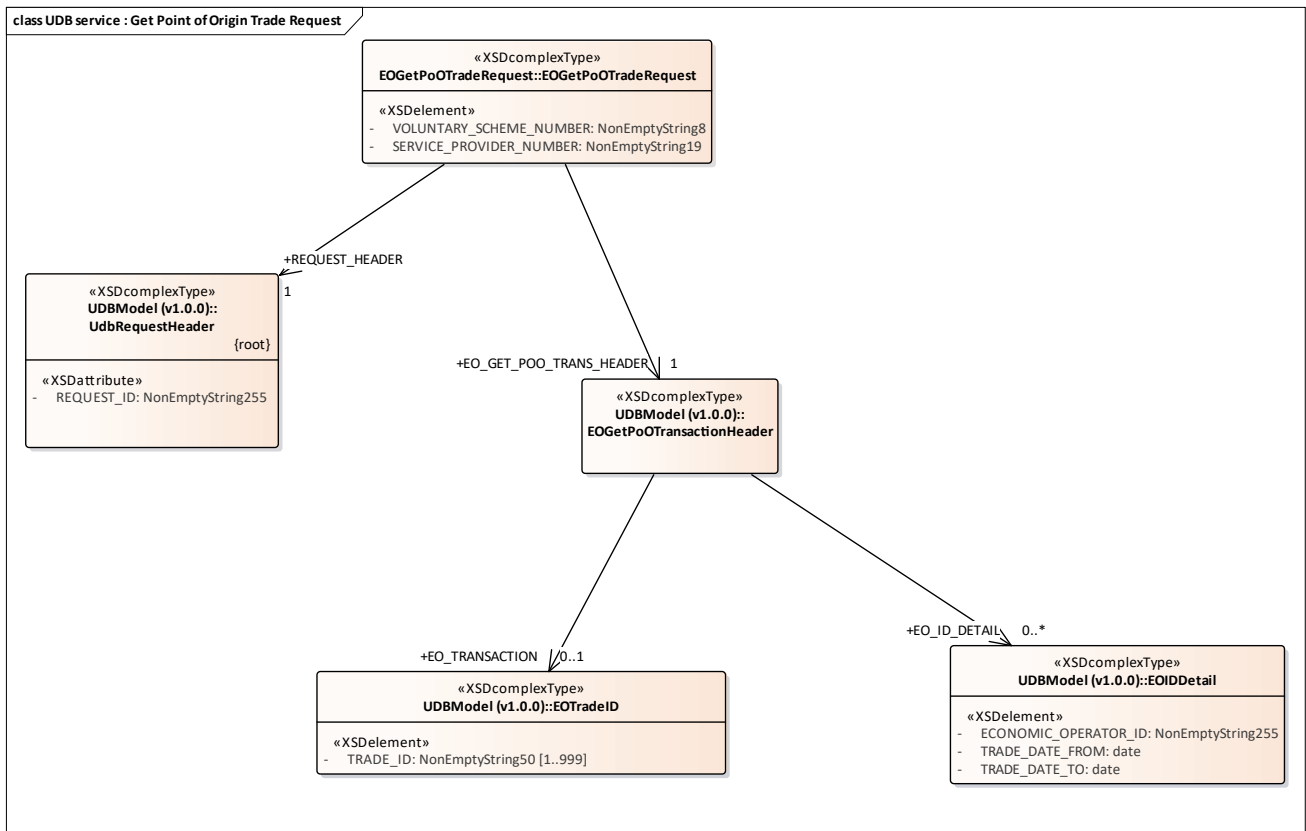


Figure 49: UDB service : Get Point of Origin Trade Request

### 3.1.1.49 UDB service : Get Point of Origin Trade Response diagram

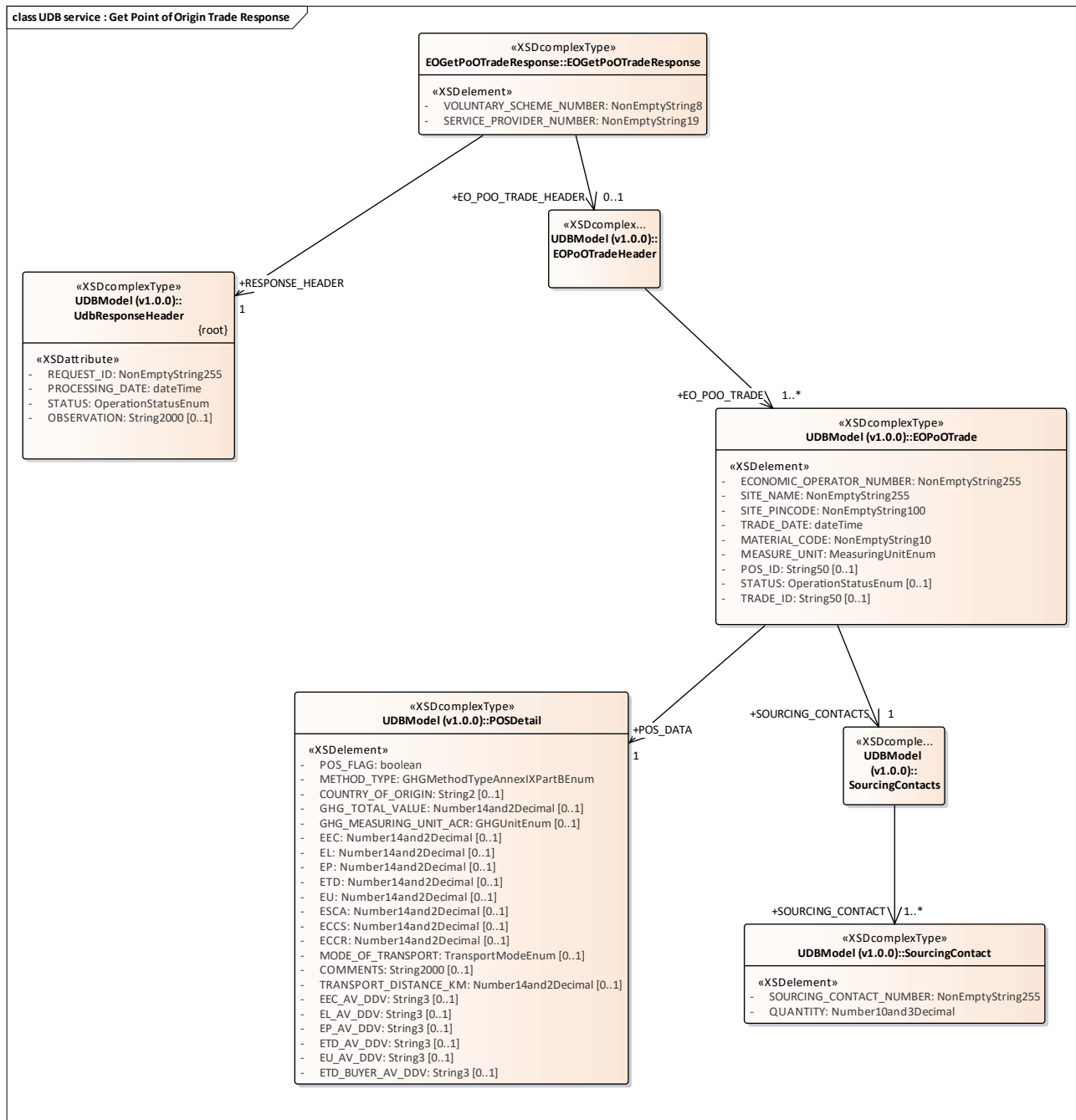


Figure 50: UDB service : Get Point of Origin Trade Response

### 3.1.1.50 UDB service : Get Sourcing Contact By ID Request diagram

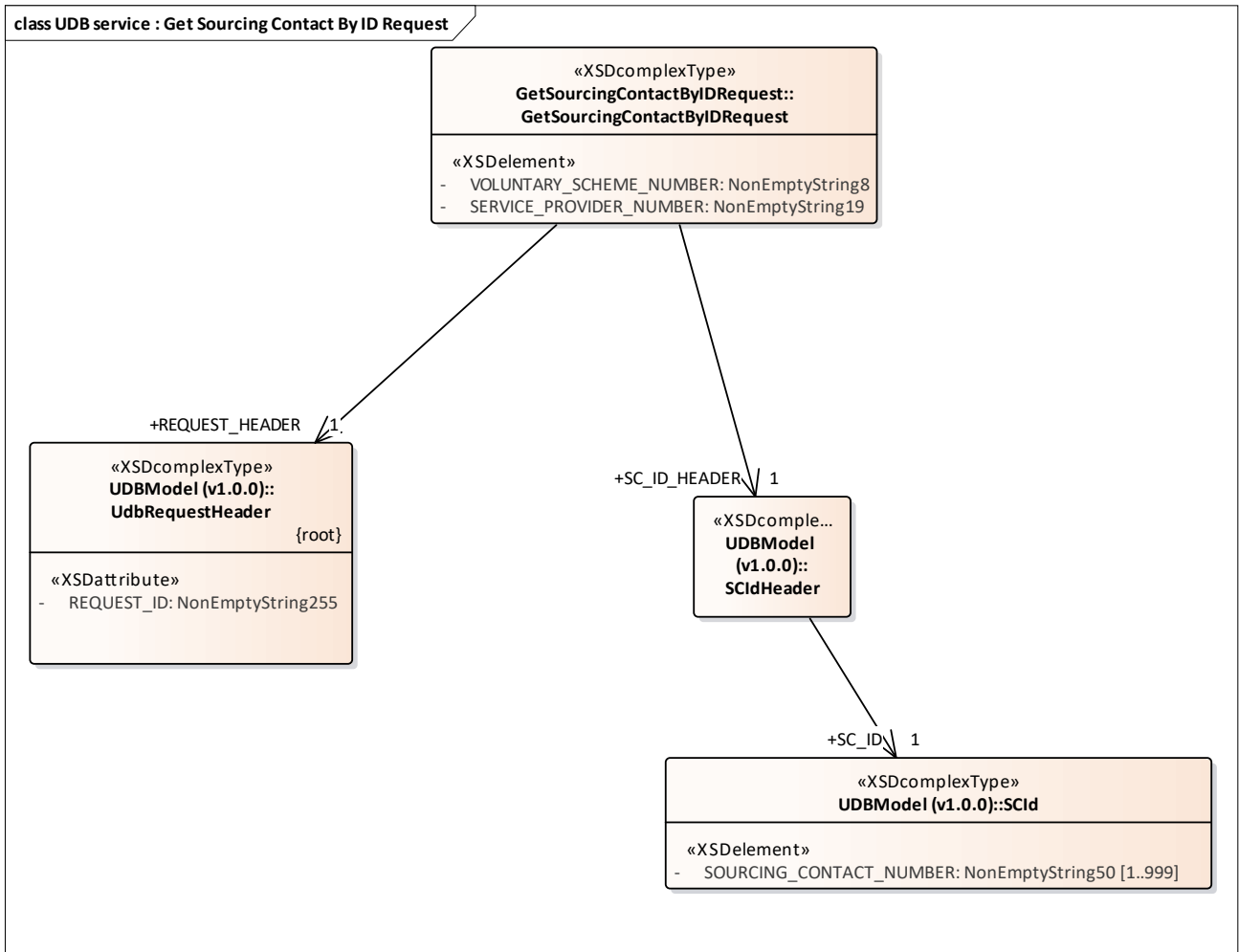


Figure 51: UDB service : Get Sourcing Contact By ID Request

### 3.1.1.51 UDB service : Get Sourcing Contact By ID Response diagram

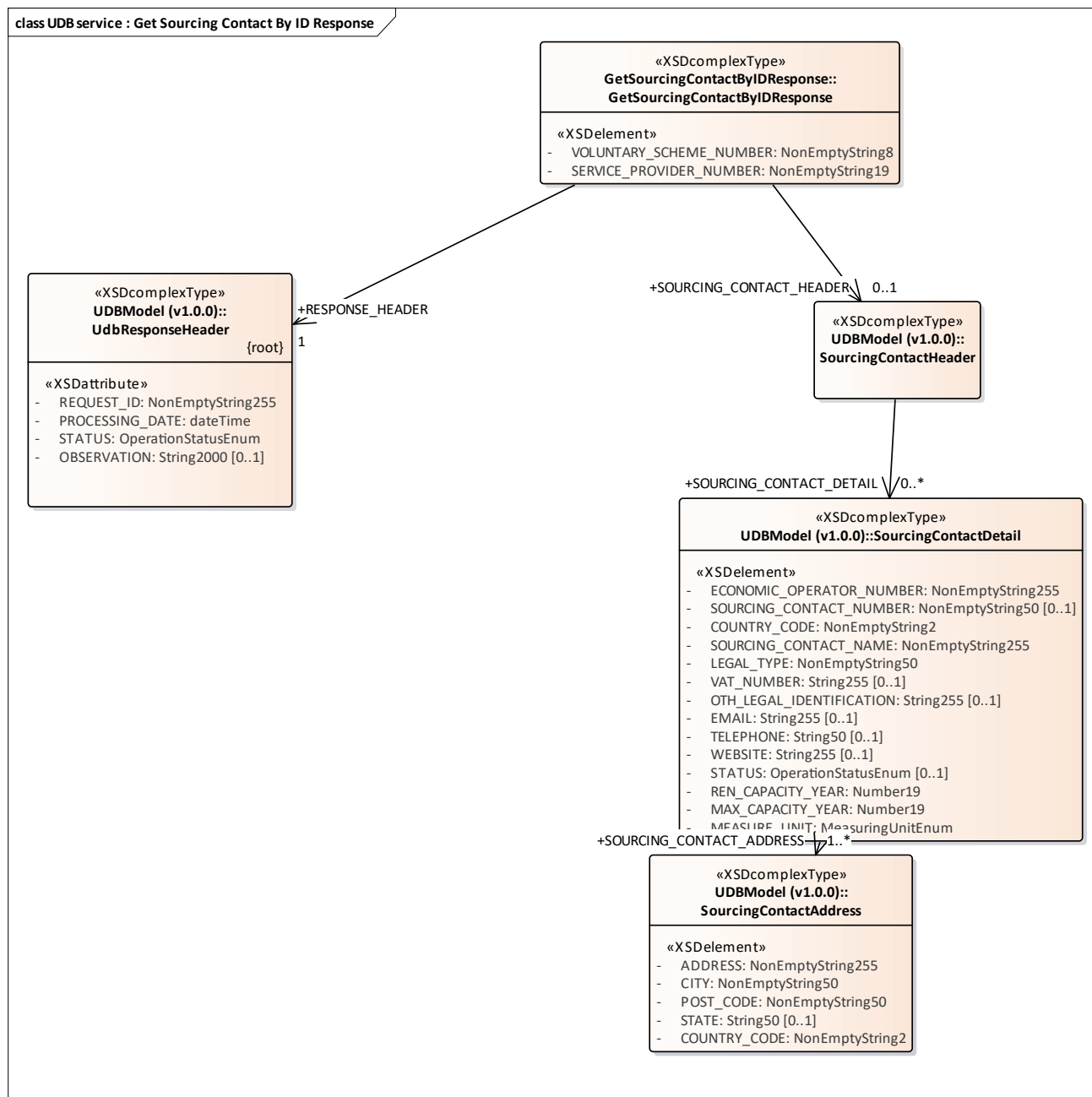


Figure 52: UDB service : Get Sourcing Contact By ID Response

### 3.1.1.52 UDB service : Get Sourcing Contact List Request diagram

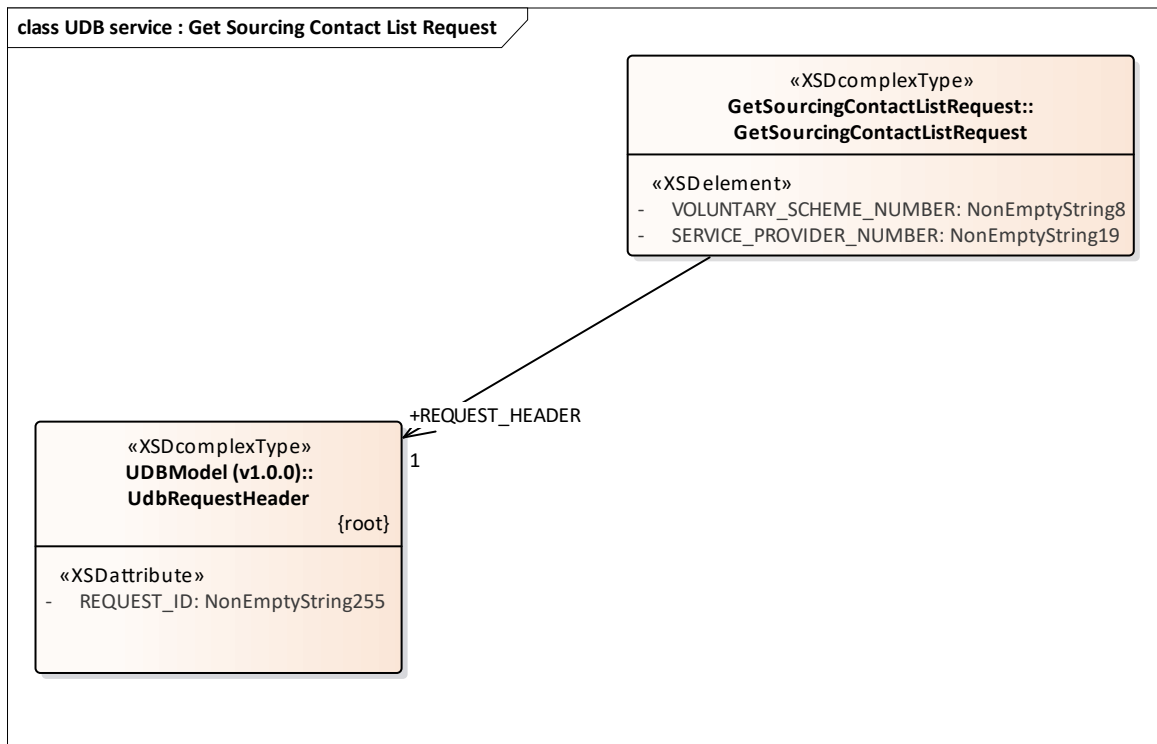


Figure 53: UDB service : Get Sourcing Contact List Request

### 3.1.1.53 UDB service : Get Sourcing Contact List Response diagram

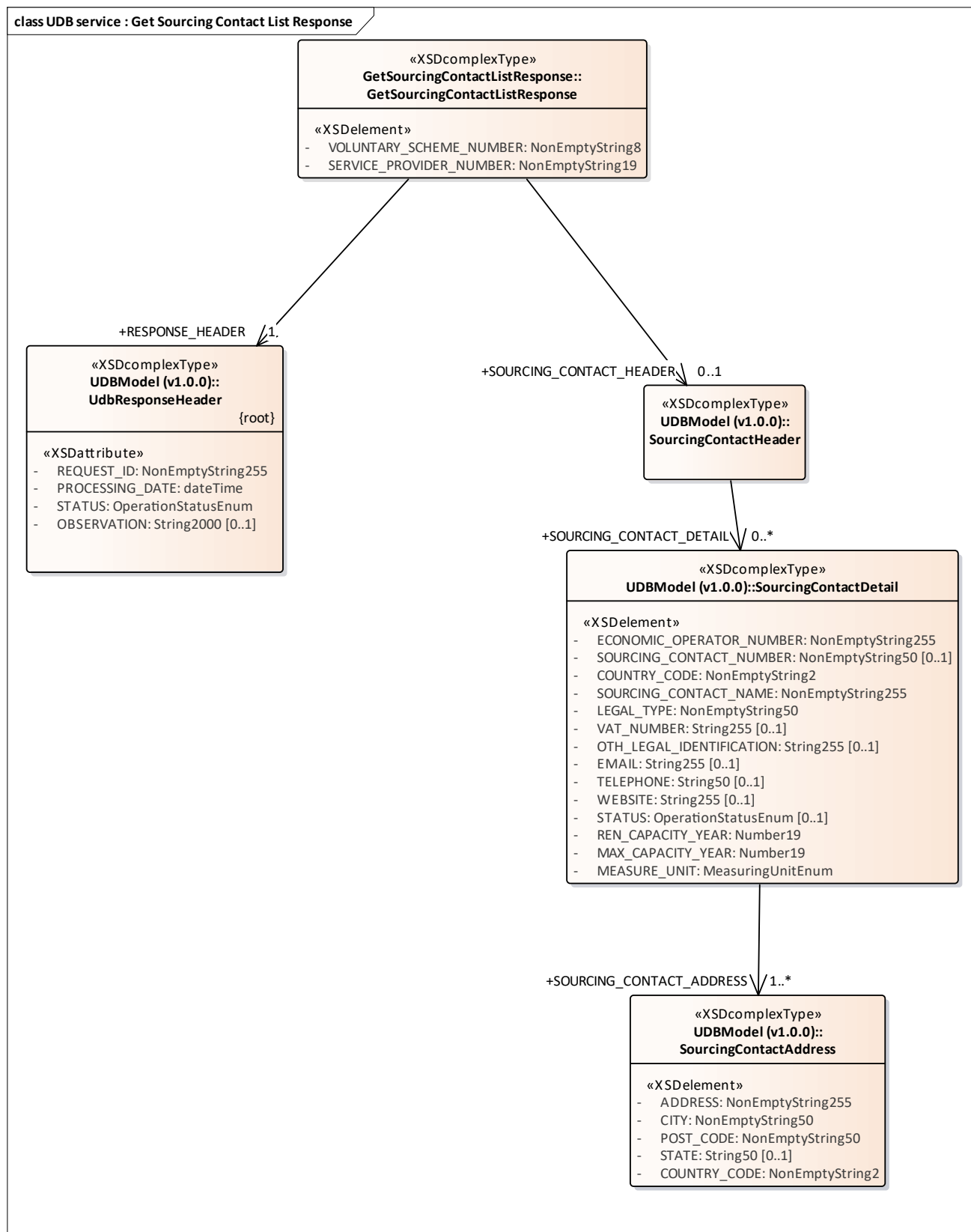


Figure 54: UDB service : Get Sourcing Contact List Response

### 3.1.1.54 UDB service : Update Rejected Transaction Request diagram

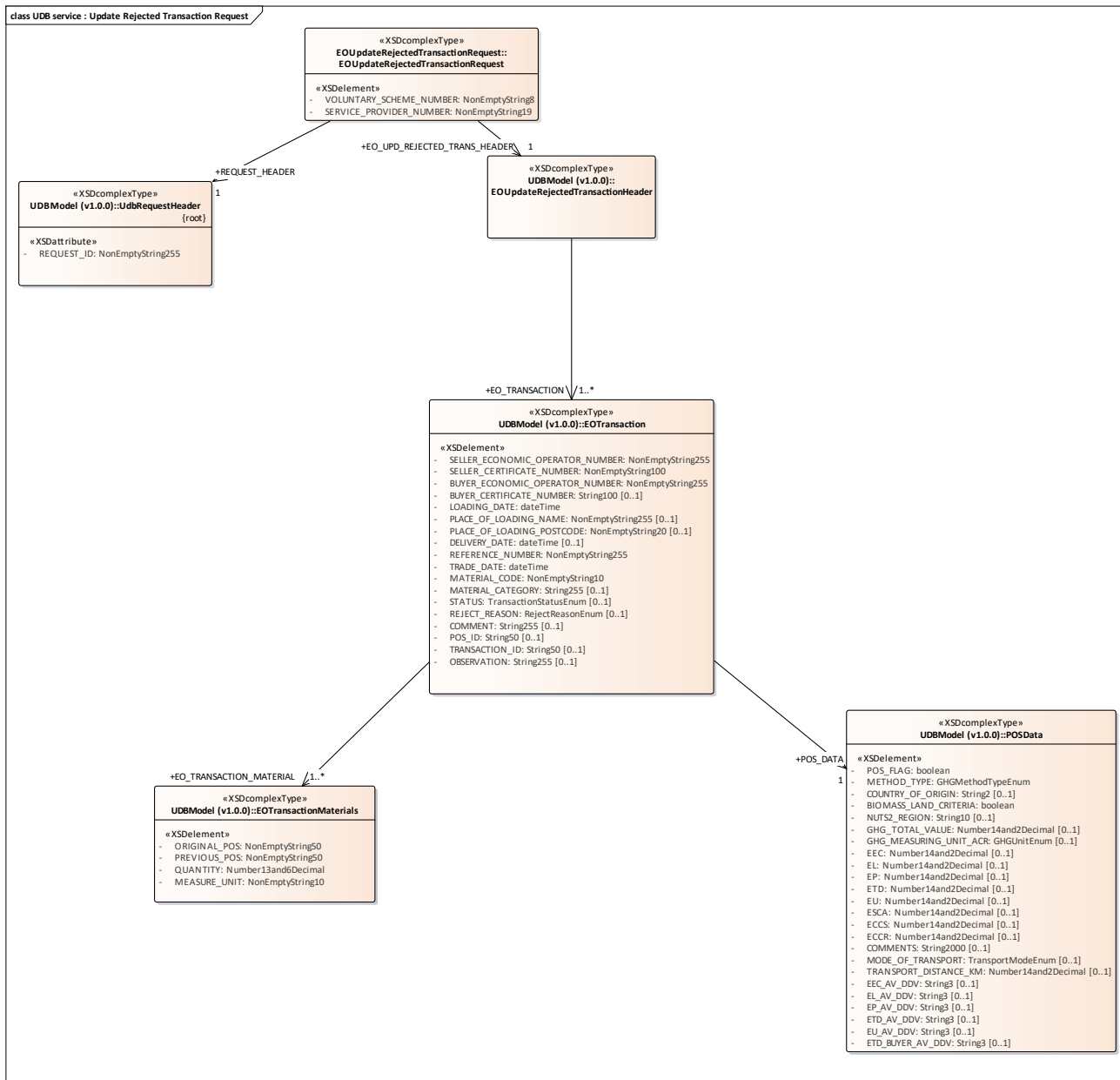


Figure 55: UDB service : Update Rejected Transaction Request

### 3.1.1.55 UDB service : Update Rejected Transaction Response diagram



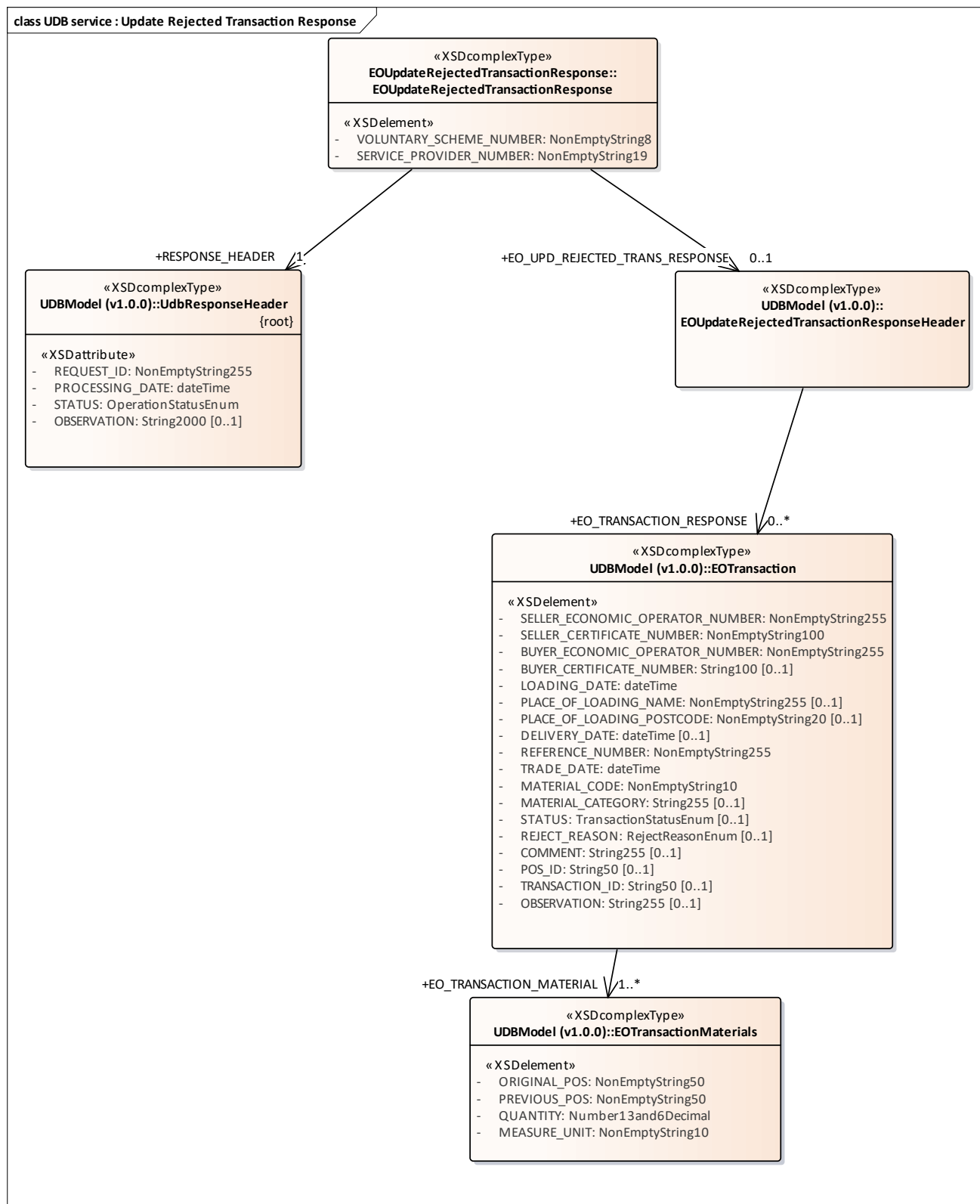


Figure 56: UDB service : Update Rejected Transaction Response

### 3.1.1.56 UDB Service : Organisation List Request diagram

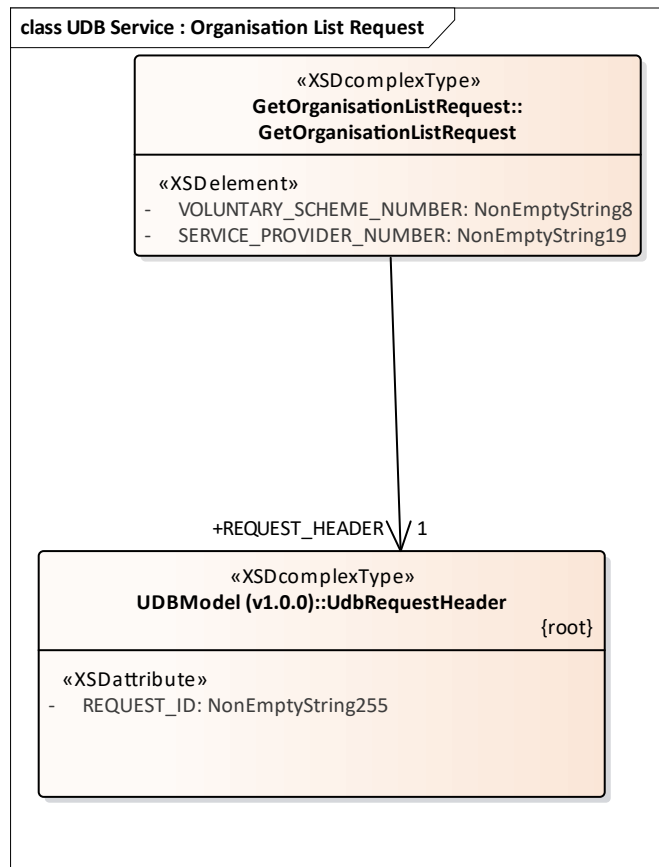


Figure 57: UDB Service : Organisation List Request

### 3.1.1.57 UDB Service : Organisation List Response diagram

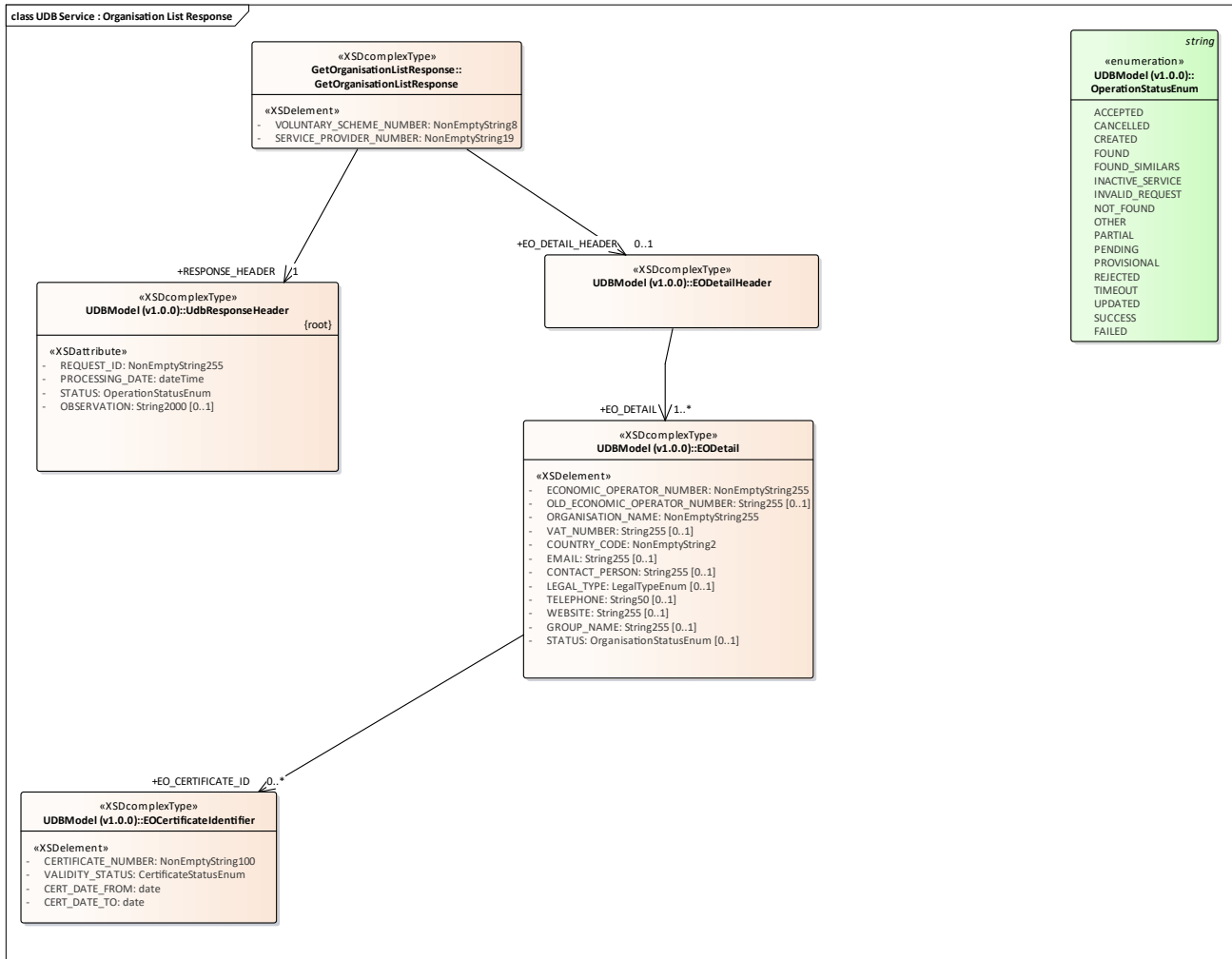


Figure 58: UDB Service : Organisation List Response

### 3.1.1.58 UDB Service : Organisation by ID Request diagram

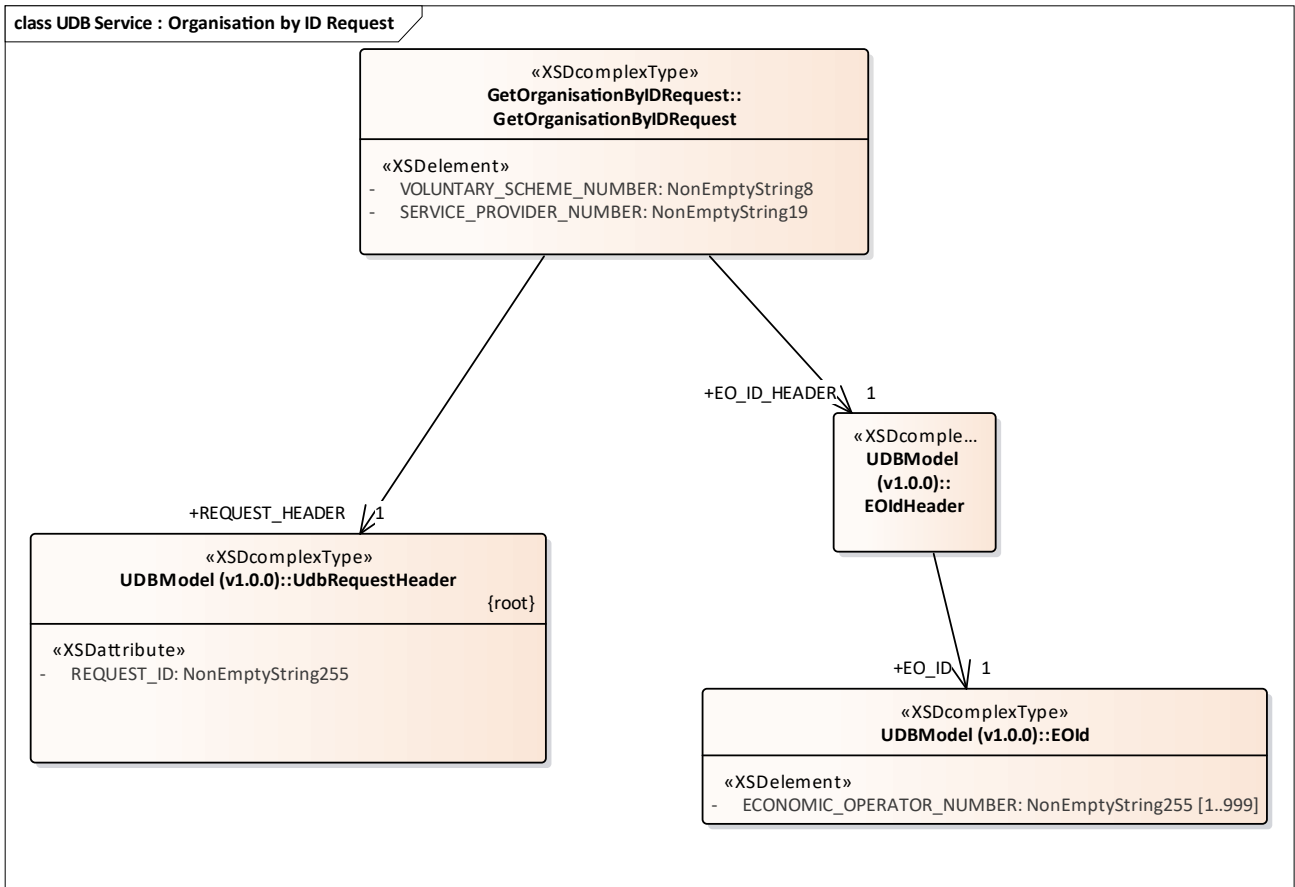


Figure 59: UDB Service : Organisation by ID Request

### 3.1.1.59 UDB Service : Organisation by ID Response diagram

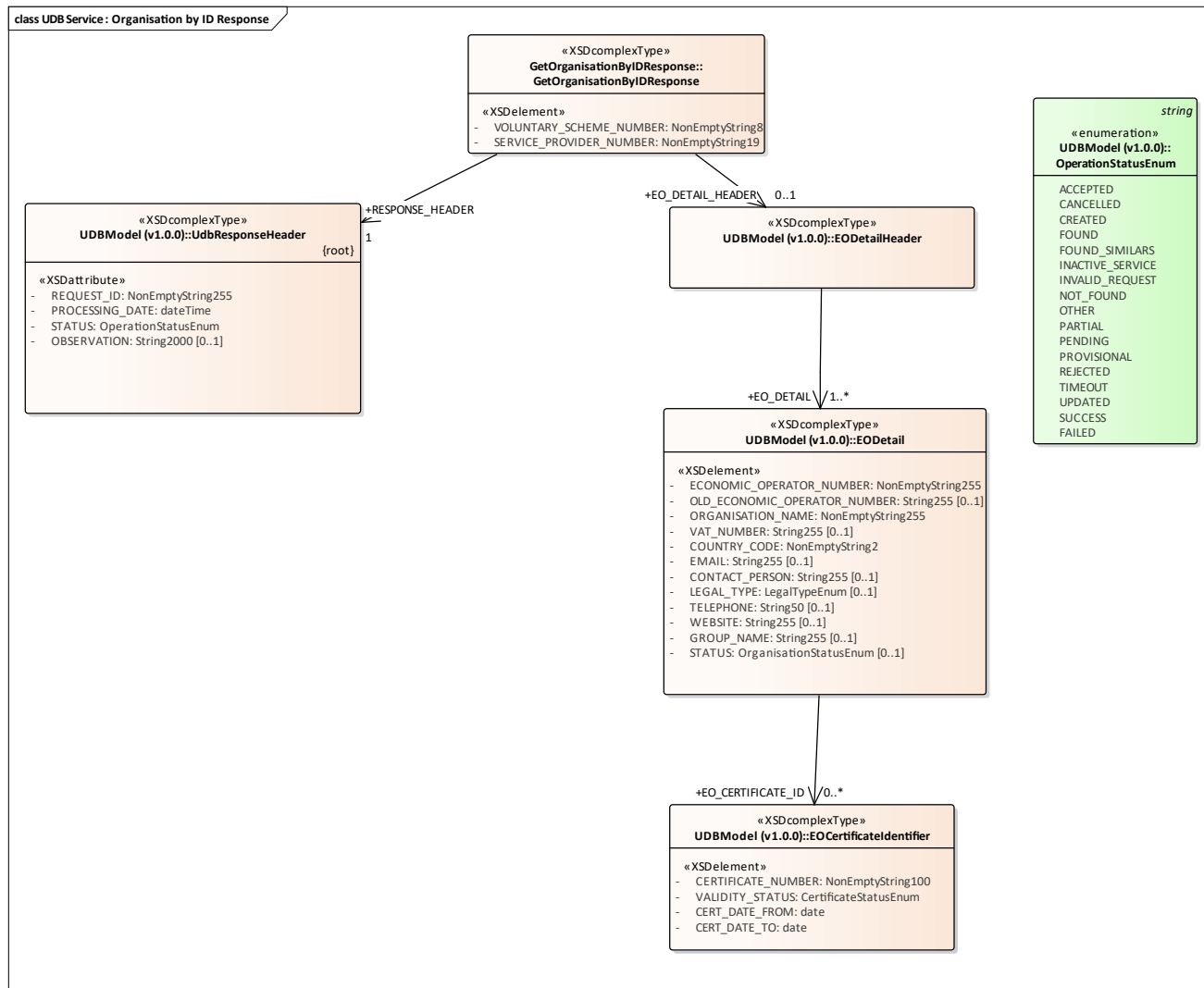


Figure 60: UDB Service : Organisation by ID Response

### 3.1.1.60 AuthorityAck diagram

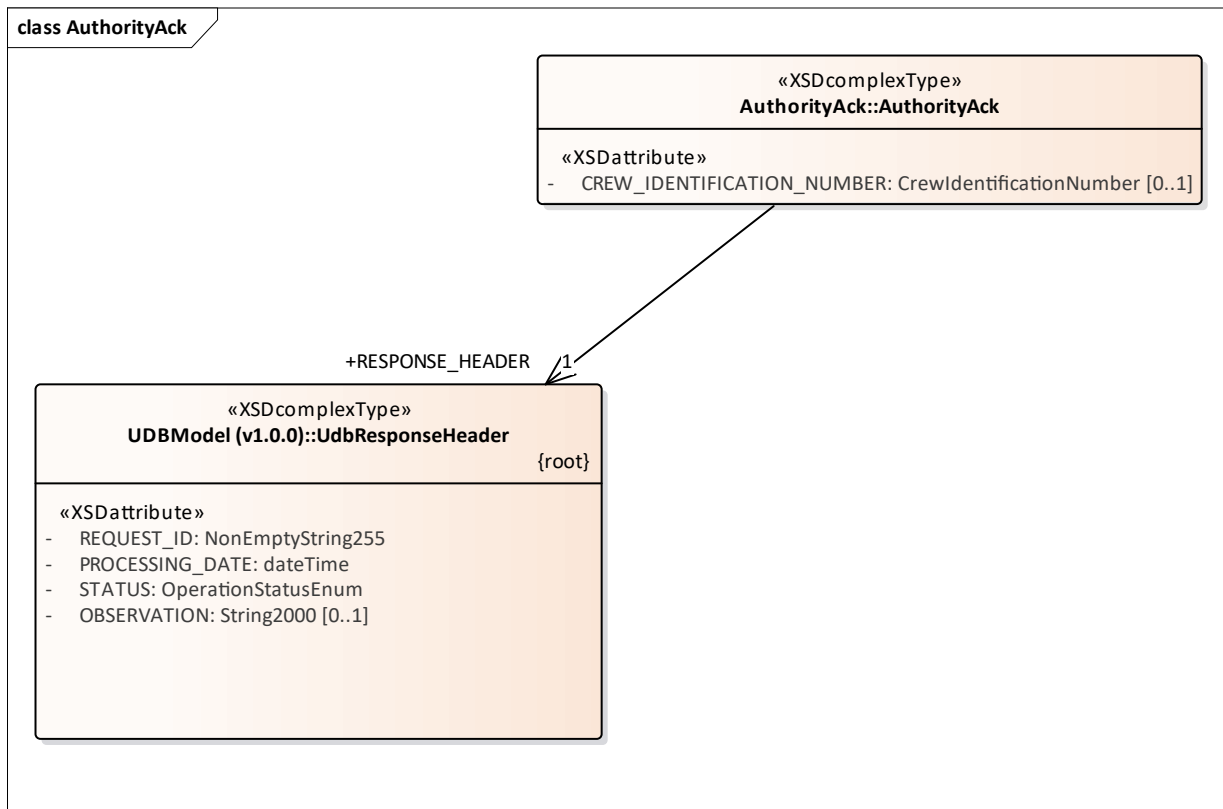


Figure 61: AuthorityAck

### 3.1.2 AddGasInjectionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.2.1 AddGasInjectionRequest

Class «XSDcomplexType» owned by 'AddGasInjectionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination) Source: Public (Class) AddGasInjectionRequest «XSDcomplexType» Target: Public GAS_INJECTION_HEADER (Class) GasInjectionRequestHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination) Source: Public (Class) AddGasInjectionRequest «XSDcomplexType» Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.3 AddGasInjectionResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.3.1 AddGasInjectionResponse

Class «XSDcomplexType» owned by 'AddGasInjectionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasInjectionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasInjectionResponse «XSDcomplexType»	Target: Public GAS_INJECTION_RESP_HEADER (Class) GasInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.4 AddGasWithdrawalRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.4.1 AddGasWithdrawalRequest

Class «XSDcomplexType» owned by 'AddGasWithdrawalRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalRequest «XSDcomplexType»	Target: Public GAS_WITHDRAWAL_REQ_HEADER (Class) GasWithdrawalRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.5 AddGasWithdrawalResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.5.1 AddGasWithdrawalResponse

Class «XSDcomplexType» owned by 'AddGasWithdrawalResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalResponse «XSDcomplexType»	Target: Public GAS_WITHDRAWAL_REQ_HEADER (Class) GasWithdrawalResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.6 AddOrganisationRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.6.1 AddOrganisationRequest

Class «XSDcomplexType» owned by 'AddOrganisationRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddOrganisationRequest «XSDcomplexType»	Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddOrganisationRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]





### 3.1.7 AddOrganisationResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.7.1 AddOrganisationResponse

Class «XSDcomplexType» owned by 'AddOrganisationResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddOrganisationResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddOrganisationResponse «XSDcomplexType»	Target: Public EO_DETAIL_RESPONSE_HEADER (Class) EODetailResponseHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.8 AddSourcingContactRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.8.1 AddSourcingContactRequest

Class «XSDcomplexType» owned by 'AddSourcingContactRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

ASSOCIATIONS

### 3.1.9 AddSourcingContactResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.9.1 AddSourcingContactResponse

Class «XSDcomplexType» owned by 'AddSourcingContactResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES

 VOLUNTARY\_SCHEME\_NUMBER : NonEmptyString8

 SERVICE\_PROVIDER\_NUMBER : NonEmptyString19

ASSOCIATIONS

 Association (direction: Source -> Destination)

Source: Public (Class) AddSourcingContactResponse  
«XSDcomplexType»

Target: Public RESPONSE\_HEADER (Class)  
UdbResponseHeader «XSDcomplexType»  
Cardinality: [1]

 Association (direction: Source -> Destination)

Source: Public (Class) AddSourcingContactResponse  
«XSDcomplexType»

Target: Public  
SOURCING\_CONTACT\_RESP\_HEADER (Class)  
SourcingContactResponseHeader  
«XSDcomplexType»  
Cardinality: [0..1]

### 3.1.10 AddUpdateCertificateRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.10.1 AddUpdateCertificateRequest

Class «XSDcomplexType» owned by 'AddUpdateCertificateRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES

 VOLUNTARY\_SCHEME\_NUMBER : NonEmptyString8

 SERVICE\_PROVIDER\_NUMBER : NonEmptyString19

ASSOCIATIONS

 Association (direction: Source -> Destination)

Source: Public (Class) AddUpdateCertificateRequest  
«XSDcomplexType»

Target: Public REQUEST\_HEADER (Class)  
UdbRequestHeader «XSDcomplexType»  
Cardinality: [1]

 Association (direction: Source -> Destination)



ASSOCIATIONS	
Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [1]



### 3.1.11 AddUpdateCertificateResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.11.1 AddUpdateCertificateResponse

Class «XSDcomplexType» owned by 'AddUpdateCertificateResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»	Target: Public EO_CERTIFICATE_RESPONSE_HEADER (Class) EOCertificateResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]


### 3.1.12 AuthorityAck

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

AuthorityAck

#### 3.1.12.1 AuthorityAck

Class «XSDcomplexType» owned by 'AuthorityAck', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
 CREW_IDENTIFICATION_NUMBER : CrewIdentificationNumber Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDattribute»



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AuthorityAck «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.13 ConfirmGasInjectionRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.13.1 ConfirmGasInjectionRequest

Class «XSDcomplexType» owned by 'ConfirmGasInjectionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJ_CONFIRM_REQ_HEADER (Class) GasInjectionConfirmRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.14 ConfirmGasInjectionResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.14.1 ConfirmGasInjectionResponse

Class «XSDcomplexType» owned by 'ConfirmGasInjectionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) ConfirmGasInjectionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) ConfirmGasInjectionResponse «XSDcomplexType»	Target: Public GAS_INJ_CONFIRM_RESP_HEADER (Class) GasInjectionConfirmResponseHeader

<b>ASSOCIATIONS</b>
«XSDcomplexType» Cardinality: [0..1]

### 3.1.15 EOAddFGPTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.15.1 EOAddFGPTransactionRequest

Class «XSDcomplexType» owned by 'EOAddFGPTransactionRequest', in package 'Action: UDB service (v1.0.0)'

<b>ATTRIBUTES</b>
<ul style="list-style-type: none"> <li>◆ VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</li> <li>◆ SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>

<b>ASSOCIATIONS</b>				
<ul style="list-style-type: none"> <li> <span style="color: blue;">/</span> Association (direction: Source -&gt; Destination)                     <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;">                         Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»                     </td> <td style="width: 50%; vertical-align: top;">                         Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]                     </td> </tr> </table> </li> <li> <span style="color: blue;">/</span> Association (direction: Source -&gt; Destination)                     <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;">                         Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»                     </td> <td style="width: 50%; vertical-align: top;">                         Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType» Cardinality: [1]                     </td> </tr> </table> </li> </ul>	Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]	Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»	Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType» Cardinality: [1]
Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]			
Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»	Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType» Cardinality: [1]			

### 3.1.16 EOAddFGPTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.16.1 EOAddFGPTransactionResponse

Class «XSDcomplexType» owned by 'EOAddFGPTransactionResponse', in package 'Action: UDB service (v1.0.0)'

<b>ATTRIBUTES</b>
<ul style="list-style-type: none"> <li>◆ VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</li> <li>◆ SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>

<b>ASSOCIATIONS</b>				
<ul style="list-style-type: none"> <li> <span style="color: blue;">/</span> Association (direction: Source -&gt; Destination)                     <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;">                         Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»                     </td> <td style="width: 50%; vertical-align: top;">                         Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]                     </td> </tr> </table> </li> <li> <span style="color: blue;">/</span> Association (direction: Source -&gt; Destination)                     <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;">                         Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»                     </td> <td style="width: 50%; vertical-align: top;">                         Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]                     </td> </tr> </table> </li> </ul>	Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]	Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]			
Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]			

ASSOCIATIONS	
Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»	Target: Public EO_FGP_TRANS_RESP_HEADER (Class) EOFGPTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.17 EOAddInitialStockRegnRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.17.1 EOAddInitialStockRegnRequest

Class «XSDcomplexType» owned by 'EOAddInitialStockRegnRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</li> </ul>
<ul style="list-style-type: none"> <li>SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>

ASSOCIATIONS	
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>	
Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»	Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [1]
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>	
Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.18 EOAddInitialStockRegnResponse


Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.18.1 EOAddInitialStockRegnResponse

Class «XSDcomplexType» owned by 'EOAddInitialStockRegnResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</li> </ul>
<ul style="list-style-type: none"> <li>SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>

ASSOCIATIONS	
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>	
Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»



ASSOCIATIONS	
Cardinality: [1]	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»</p>	<p>Target: Public INITIAL_STOCK_REGN_RESP_HEADER (Class) EOInitialStockRegnResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>



### 3.1.19 EOAddMaterialProcessingRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.19.1 EOAddMaterialProcessingRequest

Class «XSDcomplexType» owned by 'EOAddMaterialProcessingRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>



ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOAddMaterialProcessingRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOAddMaterialProcessingRequest «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.20 EOAddMaterialProcessingResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.20.1 EOAddMaterialProcessingResponse

Class «XSDcomplexType» owned by 'EOAddMaterialProcessingResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS
--------------

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_RESP_HEADER (Class) EOAddMaterialProcessingResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.21 EOAddPoOTradeRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.21.1 EOAddPoOTradeRequest

Class «XSDcomplexType» owned by 'EOAddPoOTradeRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeRequest «XSDcomplexType»</p>	<p>Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.22 EOAddPoOTradeResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.22.1 EOAddPoOTradeResponse

Class «XSDcomplexType» owned by 'EOAddPoOTradeResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>



ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType»</p>	<p>Target: Public EO_POO_TRADE_RESP_HEADER (Class) EOPoOTradeResponseHeader «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

### 3.1.23 EOAddTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.23.1 EOAddTransactionRequest

Class «XSDcomplexType» owned by 'EOAddTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

### 3.1.24 EOAddTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.24.1 EOAddTransactionResponse

Class «XSDcomplexType» owned by 'EOAddTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_RESP_HEADER (Class) EOTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.25 EOCancelTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.25.1 EOCancelTransactionRequest

Class «XSDcomplexType» owned by 'EOCancelTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_CANCEL_TRANSACTION_HEADER (Class) EOCancelTransactionHeader «XSDcomplexType» Cardinality: [1]</p>


### 3.1.26 EOCancelTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'



#### 3.1.26.1 EOCancelTransactionResponse

Class «XSDcomplexType» owned by 'EOCancelTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>

ATTRIBUTES	
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination)
Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType»	Target: Public EO_CANCEL_TRANS_RESP_HEADER (Class) EOCancelTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]
	Association (direction: Source -> Destination)
Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.27 EOConfirmTransactionRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.27.1 EOConfirmTransactionRequest

Class «XSDcomplexType» owned by 'EOConfirmTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination)
Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)
Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType»	Target: Public EO_CONFIRM_TRANS_HEADER (Class) EOConfirmTransactionHeader «XSDcomplexType» Cardinality: [1]



### 3.1.28 EOConfirmTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.28.1 EOConfirmTransactionResponse

Class «XSDcomplexType» owned by 'EOConfirmTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOConfirmTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOConfirmTransactionResponse «XSDcomplexType»	Target: Public EO_CONFIRM_TRANS_RESP_HEADER (Class) EOConfirmTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]



### 3.1.29 EOGetFGPTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.29.1 EOGetFGPTransactionRequest

Class «XSDcomplexType» owned by 'EOGetFGPTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»	Target: Public EO_FGP_GET_TRANS_HEADER (Class) EOFGPGetTransactionHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.30 EOGetFGPTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.30.1 EOGetFGPTransactionResponse

Class «XSDcomplexType» owned by 'EOGetFGPTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</li> </ul>
<ul style="list-style-type: none"> <li>SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOGetFGPTransactionResponse «XSDcomplexType»                      Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                      Cardinality: [1]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOGetFGPTransactionResponse «XSDcomplexType»                      Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType»</li> </ul>

### 3.1.31 EOGetInitialStockRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.31.1 EOGetInitialStockRequest

Class «XSDcomplexType» owned by 'EOGetInitialStockRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</li> </ul>
<ul style="list-style-type: none"> <li>SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>



ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType»                      Target: Public EO_GET_INITIAL_STOCK_HEADER (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType»                      Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»                      Cardinality: [1]</li> </ul>



### 3.1.32 EOGetInitialStockResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.32.1 EOGetInitialStockResponse

Class «XSDcomplexType» owned by 'EOGetInitialStockResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»	Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.33 EOGetMaterialProcessListRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.33.1 EOGetMaterialProcessListRequest

Class «XSDcomplexType» owned by 'EOGetMaterialProcessListRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetMaterialProcessListRequest «XSDcomplexType»	Target: Public MATERIAL_PROCESS_LIST_REQ_HEADER (Class) GetMaterialProcessListRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetMaterialProcessListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.34 EOGetMaterialProcessListResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.34.1 EOGetMaterialProcessListResponse

Class «XSDcomplexType» owned by 'EOGetMaterialProcessListResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»	Target: Public MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.35 EOGetPOSListRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.35.1 EOGetPOSListRequest

Class «XSDcomplexType» owned by 'EOGetPOSListRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPOSListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPOSListRequest «XSDcomplexType»	Target: Public GET_POS_LIST_REQ_HEADER (Class) EOGetPOSListRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.36 EOGetPOSListResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.36.1 EOGetPOSListResponse

Class «XSDcomplexType» owned by 'EOGetPOSListResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination)  Source: Public (Class) EOGetPOSListResponse «XSDcomplexType» Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType» Cardinality: [0..1]
	Association (direction: Source -> Destination)  Source: Public (Class) EOGetPOSListResponse «XSDcomplexType» Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.37 EOGetPoOTradeRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.37.1 EOGetPoOTradeRequest

Class «XSDcomplexType» owned by 'EOGetPoOTradeRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
	Association (direction: Source -> Destination)  Source: Public (Class) EOGetPoOTradeRequest «XSDcomplexType» Target: Public EO_GET_POO_TRANS_HEADER (Class) EOGetPoOTransactionHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)  Source: Public (Class) EOGetPoOTradeRequest «XSDcomplexType» Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



### 3.1.38 EOGetPoOTradeResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'



### 3.1.38.1 EOGetPoOTradeResponse

Class «XSDcomplexType» owned by 'EOGetPoOTradeResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination)  Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»  Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType» Cardinality: [0..1]
	Association (direction: Source -> Destination)  Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»  Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.39 EOGetTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.39.1 EOGetTransactionRequest

Class «XSDcomplexType» owned by 'EOGetTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination)  Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»  Target: Public EO_GET_TRANS_HEADER (Class) EOGetTransactionHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)  Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»  Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.40 EOGetTransactionResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.40.1 EOGetTransactionResponse

Class «XSDcomplexType» owned by 'EOGetTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionResponse «XSDcomplexType»	Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.41 EOUpdatePOSRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.41.1 EOUpdatePOSRequest

Class «XSDcomplexType» owned by 'EOUpdatePOSRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType»	Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.42 EOUpdatePOSResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.42.1 EOUpdatePOSResponse

Class «XSDcomplexType» owned by 'EOUpdatePOSResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»	Target: Public UPDATE_POS_RESP_HEADER (Class) EOUpdatePOSResponseHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.43 EOUpdateRejectedTransactionRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.43.1 EOUpdateRejectedTransactionRequest

Class «XSDcomplexType» owned by 'EOUpdateRejectedTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»	Target: Public EO_UPD_REJECTED_TRANS_HEADER (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType» Cardinality: [1]



### 3.1.44 EOUpdateRejectedTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.44.1 EOUpdateRejectedTransactionResponse

Class «XSDcomplexType» owned by 'EOUpdateRejectedTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»</p> <p>Target: Public EO_UPD_REJECTED_TRANS_RESPONSE (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.45 ErrorResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.45.1 ErrorResponse

Class «XSDcomplexType» owned by 'ErrorResponse', in package 'Action: UDB service (v1.0.0)'

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) ErrorResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>



### 3.1.46 GetCertificateRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.46.1 GetCertificateRequest

Class «XSDcomplexType» owned by 'GetCertificateRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
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ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateRequest «XSDcomplexType»	Target: Public CERTIFICATE_ID_HEADER (Class) CertificateIdHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



### 3.1.47 GetCertificateResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.47.1 GetCertificateResponse

Class «XSDcomplexType» owned by 'GetCertificateResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateResponse «XSDcomplexType»	Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.48 GetGasInjectionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.48.1 GetGasInjectionRequest

Class «XSDcomplexType» owned by 'GetGasInjectionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJ_REQ_HEADER (Class) GetInjectionRequestHeader «XSDcomplexType» Cardinality: [1]



### 3.1.49 GetInjectionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.49.1 GetInjectionResponse

Class «XSDcomplexType» owned by 'GetInjectionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetInjectionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetInjectionResponse «XSDcomplexType»	Target: Public GAS_INJECTION_RESPONSE (Class) GetInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]



### 3.1.50 GetOrganisationByIDRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.50.1 GetOrganisationByIDRequest

Class «XSDcomplexType» owned by 'GetOrganisationByIDRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»	Target: Public EO_ID_HEADER (Class) EOIdHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



### 3.1.51 GetOrganisationByIDResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.51.1 GetOrganisationByIDResponse

Class «XSDcomplexType» owned by 'GetOrganisationByIDResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationByIDResponse «XSDcomplexType»	Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationByIDResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]


### 3.1.52 GetOrganisationListRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.52.1 GetOrganisationListRequest

Class «XSDcomplexType» owned by 'GetOrganisationListRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



### 3.1.53 GetOrganisationListResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.53.1 GetOrganisationListResponse

Class «XSDcomplexType» owned by 'GetOrganisationListResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationListResponse «XSDcomplexType»	Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.54 GetSourcingContactByIDRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.54.1 GetSourcingContactByIDRequest

Class «XSDcomplexType» owned by 'GetSourcingContactByIDRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»</p>	<p>Target: Public SC_ID_HEADER (Class) SCIdHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.55 GetSourcingContactByIDResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.55.1 GetSourcingContactByIDResponse

Class «XSDcomplexType» owned by 'GetSourcingContactByIDResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»</p>	<p>Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]</p>


### 3.1.56 GetSourcingContactListRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.56.1 GetSourcingContactListRequest

Class «XSDcomplexType» owned by 'GetSourcingContactListRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>



ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GetSourcingContactListRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>



### 3.1.57 GetSourcingContactListResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.57.1 GetSourcingContactListResponse

Class «XSDcomplexType» owned by 'GetSourcingContactListResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>




ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»</p>	<p>Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.58 TransactionBuyerNotification

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.58.1 TransactionBuyerNotification

Class «XSDcomplexType» owned by 'TransactionBuyerNotification', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>
<p> ECONOMIC_OPERATOR_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS
--------------

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»</p>	<p>Target: Public BUYER_NOTIFICATION_HEADER (Class) EOBuyerNotificationHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.59 TransactionSellerNotification

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.59.1 TransactionSellerNotification

Class «XSDcomplexType» owned by 'TransactionSellerNotification', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>
<p>ECONOMIC_OPERATOR_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionSellerNotification «XSDcomplexType»</p>	<p>Target: Public SELLER_NOTIFICATION_HEADER (Class) EOSellerNotificationHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionSellerNotification «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>



### 3.1.60 UpdateGasSustainabilityRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.60.1 UpdateGasSustainabilityRequest

Class «XSDcomplexType» owned by 'UpdateGasSustainabilityRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
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ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityRequest «XSDcomplexType»	Target: Public GAS_INJECTION_REQ_HEADER (Class) GasInjectionRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



### 3.1.61 UpdateGasSustainabilityResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.61.1 UpdateGasSustainabilityResponse

Class «XSDcomplexType» owned by 'UpdateGasSustainabilityResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityResponse «XSDcomplexType»	Target: Public GAS_INJECTION_RESP_HEADER (Class) GasInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.62 Structure of the search response payload

#### 3.1.62.1 Internal structure of the zip archive diagram

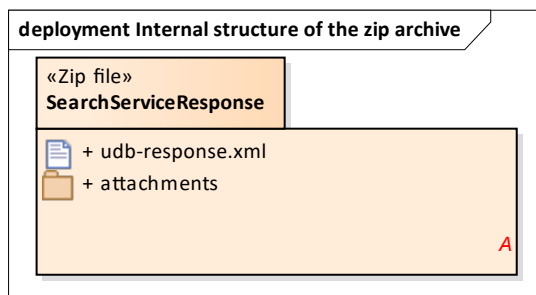


Figure 62: Internal structure of the zip archive

### 3.1.63 MatrixSpecification1

*MatrixSpecification «EAMatrixSpecification» in package 'Structure of the search response payload'*

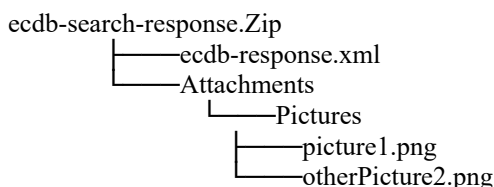
#### 3.1.63.1 SearchServiceResponse

Archive containing a list of results of a specific request

This archive must contain a file named "udb-response.xml" in its root folder. The root element of this xml file must be an element of type "UDBResponse".

File format: zip

#### 3.1.64 Example of internal structure for a "Search service response" archive.



##### 3.1.64.1 udb-response.xml

*Artifact in package 'SearchServiceResponse'*

List of search result response to UDB

File format: xml

Root element : UDBResponse

- **attachments**

Folder containing any types of files referenced in the registration-data.xml file.

Note that the "attachment" folder name has to be considered as a proposal.

Actually, the internal structure of the archive is free since each file path has located from the root folder of the archive. (E.g. "attachment/logo/myOrg.png")

## 4 UDB model

Contains all the information related to model Crew information

### 4.1 UDBModel (v1.0.0)

#### 4.1.1 UDBModel (v1.0.0) diagram

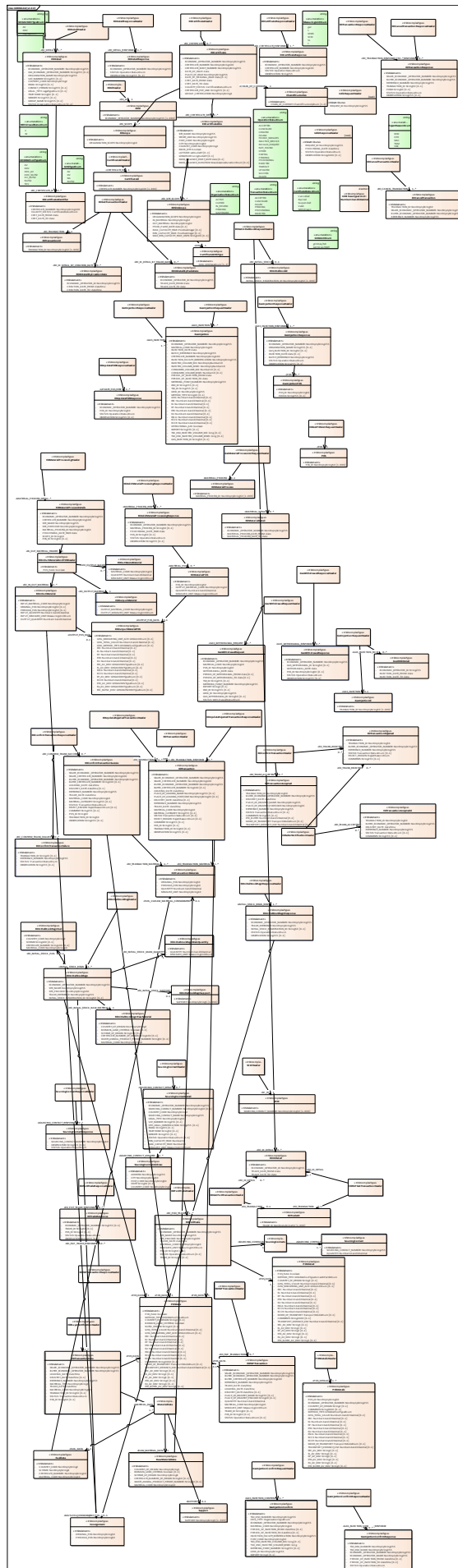




Figure 63: UDBModel (v1.0.0)



## 4.2 CertificateGHGType

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
 GHG : GHGTypeEnum Multiplicity: ( [1..3], Allow duplicates: 0) Stereotype is «XSDelement»	
ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOSiteScope «XSDcomplexType»	Target: Public GHG (Class) CertificateGHGType «XSDcomplexType» Cardinality: [1]



## 4.3 CertificateId

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
 CERTIFICATE_NUMBER : NonEmptyString100 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDelement»	
ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) CertificateIdHeader «XSDcomplexType»	Target: Public CERTIFICATE_ID (Class) CertificateId «XSDcomplexType» Cardinality: [1]

## 4.4 CertificateIdHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) CertificateIdHeader «XSDcomplexType»	Target: Public CERTIFICATE_ID (Class) CertificateId «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateRequest «XSDcomplexType»	Target: Public CERTIFICATE_ID_HEADER (Class) CertificateIdHeader «XSDcomplexType» Cardinality: [1]

## 4.5 ChainOfCustodies



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p>◆ CHAIN_OF_CUSTODY : ChainOfCustodyEnum                      Multiplicity: ( [1..3], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>	
ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOCertificate «XSDcomplexType»</p>	<p>Target: Public CHAIN_OF_CUSTODIES (Class)                      ChainOfCustodies «XSDcomplexType»                      Cardinality: [1]</p>

## 4.6 Consignment

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p>◆ ORIGINAL_POS : NonEmptyString50</p>	
<p>◆ PREVIOUS_POS : NonEmptyString50</p>	
ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOInOutMaterial «XSDcomplexType»</p>	<p>Target: Public MATERIAL_CONSIGNMENT (Class)                      Consignment «XSDcomplexType»                      Cardinality: [1]</p>
<p>✍ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public CONSIGNMENT_POS (Class)                      Consignment «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>✍ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOInitialStockRegnResponse «XSDcomplexType»</p>	<p>Target: Public CONSIGNMENT_POS (Class)                      Consignment «XSDcomplexType»                      Cardinality: [0..1]</p>

## 4.7 EOAddMaterialProcessingResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p>◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>	
<p>◆ MATERIAL_PROCESS_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>	

ATTRIBUTES
<p>◆ PROCESSING_DATE_TIME : date</p>
<p>◆ POS_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ STATUS : OperationStatusEnum</p>
<p>◆ OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p> <p>Target: Public MATERIAL_POS (Class) EOMaterialPOS «XSDcomplexType»                      Cardinality: [0..*]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponseHeader «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_RESP (Class) EOAddMaterialProcessingResponse «XSDcomplexType»                      Cardinality: [1..*]</p>

## 4.8 EOAddMaterialProcessingResponseHeader


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponseHeader «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_RESP (Class) EOAddMaterialProcessingResponse «XSDcomplexType»                      Cardinality: [1..*]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_RESP_HEADER (Class) EOAddMaterialProcessingResponseHeader «XSDcomplexType»                      Cardinality: [1]</p>

## 4.9 EOBuyerNotificationHeader





Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOBuyerNotificationHeader «XSDcomplexType»</p> <p>Target: Public (Class) EOTransactionData «XSDcomplexType»                      Cardinality: [1..*]</p>

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»</p>	<p>Target: Public BUYER_NOTIFICATION_HEADER (Class) EOBuyerNotificationHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.10 EOCancelTransaction



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> TRANSACTION_ID : NonEmptyString50</p>
<p> SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p> BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p> REFERENCE_NUMBER : NonEmptyString255</p>

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOCancelTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_CANCEL_TRANSACTION (Class) EOCancelTransaction «XSDcomplexType» Cardinality: [1..*]</p>


## 4.11 EOCancelTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOCancelTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_CANCEL_TRANSACTION (Class) EOCancelTransaction «XSDcomplexType» Cardinality: [1..*]</p>
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_CANCEL_TRANSACTION_HEADER (Class) EOCancelTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.12 EOCancelTransactionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	


ASSOCIATIONS	
Source: Public (Class) EOCancelTransactionResponseHeader «XSDcomplexType»	Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransactionResponse «XSDcomplexType» Cardinality: [0..*]
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType»	Target: Public EO_CANCEL_TRANS_RESP_HEADER (Class) EOCancelTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]

### 4.13 EOCertificate

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'




ATTRIBUTES
◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
◆ CERTIFICATE_NUMBER : NonEmptyString100
◆ CERTIFICATE_BODY_NUMBER : NonEmptyString255
◆ DATE_OF_ISSUE : date
◆ PLACE_OF_ISSUE : NonEmptyString255
◆ DATE_OF_ORIGINAL_ISSUE : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ CERT_DATE_FROM : date
◆ CERT_DATE_TO : date
◆ VALIDITY_STATUS : CertificateStatusEnum
◆ CERTIFICATE_PDF_LINK : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ GROUP_CERTIFICATION : NonEmptyString3

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOCertificate «XSDcomplexType»	Target: Public CHAIN_OF_CUSTODIES (Class) ChainOfCustodies «XSDcomplexType» Cardinality: [1]
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOCertificate «XSDcomplexType»	Target: Public EO_SCOPE (Class) EOScope «XSDcomplexType» Cardinality: [1..*]
<p>✍ Association (direction: Source -&gt; Destination)</p>	

ASSOCIATIONS	
Source: Public (Class) EOCertificate «XSDcomplexType»	Target: Public EO_CERTIFICATE_SITE (Class) EOCertificateSite «XSDcomplexType» Cardinality: [1..*]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOCertificateHeader «XSDcomplexType»	Target: Public EO_CERTIFICATE (Class) EOCertificate «XSDcomplexType» Cardinality: [0..*]





## 4.14 EOCertificateHeader


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOCertificateHeader «XSDcomplexType»	Target: Public EO_CERTIFICATE (Class) EOCertificate «XSDcomplexType» Cardinality: [0..*]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateResponse «XSDcomplexType»	Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [1]

## 4.15 EOCertificateIdentifier





Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ATTRIBUTES
 CERTIFICATE_NUMBER : NonEmptyString100
 VALIDITY_STATUS : CertificateStatusEnum
 CERT_DATE_FROM : date
 CERT_DATE_TO : date

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EODetail «XSDcomplexType»	Target: Public EO_CERTIFICATE_ID (Class) EOCertificateIdentifier «XSDcomplexType» Cardinality: [0..*]

## 4.16 EOCertificateResponse











Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
	ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
	CERTIFICATE_NUMBER : NonEmptyString100
	STATUS : OperationStatusEnum
	OBSERVATION : String255

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOCertificateResponseHeader «XSDcomplexType»	Target: Public EO_CERTIFICATE_RESPONSE (Class) EOCertificateResponse «XSDcomplexType» Cardinality: [1..*]

## 4.17 EOCertificateSite

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
	SITE_NAME : NonEmptyString255
	STREET_LINE : NonEmptyString255
	POST_CODE : NonEmptyString20
	CITY : NonEmptyString50
	COUNTRY_CODE : NonEmptyString2
	MAIN_SITE : boolean
	LATITUDE : LatitudeDT Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
	LONGITUDE : LongitudeDT Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
	MASS_BALANCE_START_DATE : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
	MASS_BALANCE_DURATION : MassbalanceDurationEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOCertificateSite «XSDcomplexType»	Target: Public EO_SITE_SCOPE (Class)

ASSOCIATIONS	
	EOSiteScope «XSDcomplexType» Cardinality: [0..*]
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p> <p>Target: Public EO_CERTIFICATE_SITE (Class) EOCertificateSite «XSDcomplexType» Cardinality: [1..*]</p>	

## 4.18 EOCertificateResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificateResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_CERTIFICATE_RESPONSE (Class) EOCertificateResponse «XSDcomplexType» Cardinality: [1..*]</p>	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»</p> <p>Target: Public EO_CERTIFICATE_RESPONSE_HEADER (Class) EOCertificateResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>	

## 4.19 EOConfirmTransactionFailure

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
TRANSACTION_ID : String20	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»
REFERENCE_NUMBER : NonEmptyString255	
STATUS : TransactionStatusEnum	
OBSERVATION : String255	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_CONFIRM_TRANS_FAILURE (Class) EOConfirmTransactionFailure «XSDcomplexType» Cardinality: [0..*]</p>	

## 4.20 EOConfirmTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_ACCEPTED (Class) EOTransactionAccepted «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_CONFIRM_TRANS_HEADER (Class) EOConfirmTransactionHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

## 4.21 EOConfirmTransactionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_CONFIRM_TRANS_SUCCESS (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_CONFIRM_TRANS_FAILURE (Class) EOConfirmTransactionFailure «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_CONFIRM_TRANS_RESP_HEADER (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

## 4.22 EOConfirmTransactionSuccess

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>



ATTRIBUTES
<p>SELLER_CERTIFICATE_NUMBER : NonEmptyString100</p>
<p>BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>BUYER_CERTIFICATE_NUMBER : String100                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>LOADING_DATE : dateTime</p>
<p>DELIVERY_DATE : dateTime                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>REFERENCE_NUMBER : NonEmptyString255</p>
<p>TRADE_DATE : dateTime</p>
<p>MATERIAL_CODE : NonEmptyString10</p>
<p>MATERIAL_CATEGORY : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>STATUS : TransactionStatusEnum</p>
<p>REJECT_REASON : RejectReasonEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>COMMENT : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>POS_ID : String50</p>
<p>TRANSACTION_ID : String50</p>
<p>OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p> <p>Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_CONFIRM_TRANS_SUCCESS (Class) EOConfirmTransactionSuccess «XSDcomplexType» Cardinality: [0..*]</p>

## 4.23 EODetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255 Economic Operator Identification</p> <p>This is National identification code/Business registration code</p>	
<p> OLD_ECONOMIC_OPERATOR_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» Old Economic Operator Identification</p> <p>If you want to replace an exiting Economic Operator Identification (NTR) with new NTR fill this field</p>	
<p> ORGANISATION_NAME : NonEmptyString255 Economic Operator Name</p>	
<p> VAT_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» Economic Operator VAT Number</p>	
<p> COUNTRY_CODE : NonEmptyString2 Economic Operator Country Code (ISO)</p>	
<p> EMAIL : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>	
<p> CONTACT_PERSON : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>	
<p> LEGAL_TYPE : LegalTypeEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>	
<p> TELEPHONE : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>	
<p> WEBSITE : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>	
<p> GROUP_NAME : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>	
<p> STATUS : OrganisationStatusEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>	
ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetail «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_ID (Class) EOCertificateIdentifier «XSDcomplexType» Cardinality: [0..*]</p>

ASSOCIATIONS	
<p>✔ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EODetailHeader «XSDcomplexType»</p>	<p>Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType» Cardinality: [1..*]</p>
<p>✔ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EODetailByVSHeader «XSDcomplexType»</p>	<p>Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType» Cardinality: [0..*]</p>

## 4.24 EODetailByVSHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>🔑 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8 Unique identifier of the voluntary scheme. If known, the UDB can reply with the dataset of the Economic operator, that are linked to this Voluntary Scheme. Else return the error code &lt;VS does not exist&gt;</p> <p>VSXX0001</p>

ASSOCIATIONS	
<p>✔ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EODetailByVSHeader «XSDcomplexType»</p>	<p>Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>✔ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EODetailByVSHeader «XSDcomplexType»</p>	<p>Target: Public EO_SCOPE (Class) EOScope «XSDcomplexType» Cardinality: [0..*]</p>

## 4.25 EODetailHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>✔ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EODetailHeader «XSDcomplexType»</p>	<p>Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType» Cardinality: [1..*]</p>
<p>✔ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) AddOrganisationRequest «XSDcomplexType»</p>	<p>Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [1]</p>
<p>✔ Association (direction: Source -&gt; Destination)</p>	

ASSOCIATIONS	
Source: Public (Class) GetOrganisationByIDResponse «XSDcomplexType»	Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [0..1]
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) GetOrganisationListResponse «XSDcomplexType»	Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [0..1]

## 4.26 EODetailResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>◆ STATUS : OperationStatusEnum</p>
<p>◆ OBSERVATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EODetailResponseHeader «XSDcomplexType»	Target: Public EO_DETAIL_RESPONSE (Class) EODetailResponse «XSDcomplexType» Cardinality: [1..*]

## 4.27 EODetailResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EODetailResponseHeader «XSDcomplexType»	Target: Public EO_DETAIL_RESPONSE (Class) EODetailResponse «XSDcomplexType» Cardinality: [1..*]
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) AddOrganisationResponse «XSDcomplexType»	Target: Public EO_DETAIL_RESPONSE_HEADER (Class) EODetailResponseHeader «XSDcomplexType» Cardinality: [0..1]

## 4.28 EOFGPGetTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
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ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION (Class) EOTradeID «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_FGP_GET_TRANS_HEADER (Class) EOFGPGetTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.29 EOFGPTransaction

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'




ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_CERTIFICATE_NUMBER : NonEmptyString100
REFERENCE_NUMBER : NonEmptyString255
TRADE_DATE : dateTime
LOADING_DATE : dateTime
DELIVERY_DATE : dateTime Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
PLACE_OF_DELIVERY_NAME : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
PLACE_OF_DELIVERY_PINCODE : String20 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
QUANTITY : Number13and6Decimal
MATERIAL_CODE : NonEmptyString10
MEASURE_UNIT : MeasuringUnitEnum
TRADE_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
POS_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ATTRIBUTES
<p> STATUS : OperationStatusEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTransaction «XSDcomplexType»      Target: Public POS_DATA (Class) POSData «XSDcomplexType»                      Cardinality: [0..1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTransactionHeader «XSDcomplexType»      Target: Public EO_FGP_TRANSACTION (Class) EOFGPTransaction «XSDcomplexType»                      Cardinality: [0..*]</p>



### 4.30 EOFGPTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTransactionHeader «XSDcomplexType»      Target: Public EO_FGP_TRANSACTION (Class) EOFGPTransaction «XSDcomplexType»                      Cardinality: [0..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetFGPTransactionResponse «XSDcomplexType»      Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType»</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»      Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType»                      Cardinality: [1]</p>

### 4.31 EOFGPTransactionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTransactionResponseHeader «XSDcomplexType»      Target: Public EO_FGP_TRADE_RESPONSE (Class) EOTradeResponse «XSDcomplexType»                      Cardinality: [0..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»      Target: Public EO_FGP_TRANS_RESP_HEADER (Class) EOFGPTransactionResponseHeader</p>

ASSOCIATIONS	
	«XSDcomplexType» Cardinality: [0..1]

## 4.32 EOGetInitialStockRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK (Class) EOInitialStockId «XSDcomplexType» Cardinality: [0..1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType»</p>	<p>Target: Public EO_GET_INITIAL_STOCK_HEADER (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</p>

## 4.33 EOGetPOSListRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPOSListRequestHeader «XSDcomplexType»</p>	<p>Target: Public POS (Class) POS «XSDcomplexType» Cardinality: [1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPOSListRequest «XSDcomplexType»</p>	<p>Target: Public GET_POS_LIST_REQ_HEADER (Class) EOGetPOSListRequestHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.34 EOGetPoOTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION (Class) EOTradeID «XSDcomplexType» Cardinality: [0..1]</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTradeRequest «XSDcomplexType»</p>	<p>Target: Public EO_GET_POO_TRANS_HEADER (Class) EOGetPoOTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.35 EOGetTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL_BY_TRADE_DATE (Class) EOIDDetailByTradeDate «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL_BY_CREATION_DATE (Class) EOIDDetailByCreationDate «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION (Class) EOTransactionId «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_GET_TRANS_HEADER (Class) EOGetTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.36 EOIDDetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>ECONOMIC_OPERATOR_ID : NonEmptyString255</p>
<p>TRADE_DATE_FROM : date</p>
<p>TRADE_DATE_TO : date</p>



ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPGGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>

### 4.37 EOIDDetailByCreationDate

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p>ECONOMIC_OPERATOR_ID : NonEmptyString255</p>	
<p>CREATION_DATE_FROM : dateTime</p>	
<p>CREATION_DATE_TO : dateTime</p>	

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL_BY_CREATION_DATE (Class) EOIDDetailByCreationDate «XSDcomplexType» Cardinality: [0..*]</p>

### 4.38 EOIDDetailByTradeDate

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p>ECONOMIC_OPERATOR_ID : NonEmptyString255</p>	
<p>TRADE_DATE_FROM : date</p>	
<p>TRADE_DATE_TO : date</p>	

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL_BY_TRADE_DATE (Class) EOIDDetailByTradeDate «XSDcomplexType»</p>

ASSOCIATIONS
Cardinality: [0..*]

## 4.39 EOId

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255                      Multiplicity: ( [1..999], Allow duplicates: 0)                      Stereotype is «XSDelement»</li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOIdHeader «XSDcomplexType»      Target: Public EO_ID (Class) EOId «XSDcomplexType»                      Cardinality: [1]</li> </ul>

## 4.40 EOIdHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOIdHeader «XSDcomplexType»      Target: Public EO_ID (Class) EOId «XSDcomplexType»                      Cardinality: [1]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»      Target: Public EO_ID_HEADER (Class) EOIdHeader «XSDcomplexType»                      Cardinality: [1]</li> </ul>

## 4.41 EOInOutMaterial

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>INPUT_MATERIAL_CODE : NonEmptyString10</li> </ul>
<ul style="list-style-type: none"> <li>ORIGINAL_POS : NonEmptyString50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Optional for Add Request and Mandatory for Get Response</li> </ul>
<ul style="list-style-type: none"> <li>PREVIOUS_POS : NonEmptyString50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Optional for Add Request and Mandatory for Get Response</li> </ul>
<ul style="list-style-type: none"> <li>INPUT_QUANTITY : Number13and6Decimal</li> </ul>

ATTRIBUTES
<ul style="list-style-type: none"> <li>INPUT_MEASURE_UNIT : MeasuringUnitEnum</li> </ul>
<ul style="list-style-type: none"> <li>OUTPUT_QUANTITY : Number13and6Decimal</li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOInOutMaterial «XSDcomplexType»                      Target: Public MATERIAL_CONSIGNMENT (Class) Consignment «XSDcomplexType»                      Cardinality: [1]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOInOutMaterial «XSDcomplexType»                      Target: Public OUTPUT_POS_DATA (Class) EOOutputMaterialPOS «XSDcomplexType»                      Cardinality: [0..1]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»                      Target: Public EO_IN_OUT_MATERIAL (Class) EOInOutMaterial «XSDcomplexType»                      Cardinality: [1..*]</li> </ul>

## 4.42 EOInOutMaterialAndPOSHeader



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>POS_FLAG : boolean</li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»                      Target: Public EO_OUTPUT_WASTE (Class) EOOutWasteMaterial «XSDcomplexType»                      Cardinality: [0..*]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»                      Target: Public EO_IN_OUT_MATERIAL (Class) EOInOutMaterial «XSDcomplexType»                      Cardinality: [1..*]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»                      Target: Public EO_OUTPUT_MATERIAL (Class) EOOutputMaterial «XSDcomplexType»                      Cardinality: [1]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOMaterialProcessDetails «XSDcomplexType»                      Target: Public IN_OUT_MATERIAL_HEADER (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»                      Cardinality: [1]</li> </ul>




### 4.43 EOInitialStockId

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
 INITIAL_STOCK_REGISTRATION_ID : NonEmptyString50 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDelement»	
ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»	Target: Public EO_INITIAL_STOCK (Class) EOInitialStockId «XSDcomplexType» Cardinality: [0..1]






### 4.44 EOInitialStockRegHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOInitialStockRegHeader «XSDcomplexType»	Target: Public INITIAL_STOCK_REGN (Class) EOInitialStockRegn «XSDcomplexType» Cardinality: [1..*]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»	Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»	Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [0..1]

### 4.45 EOInitialStockRegn

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
 ECONOMIC_OPERATOR_NUMBER : NonEmptyString255	
 SITE_NAME : NonEmptyString255	
 SITE_PINCODE : NonEmptyString100	
 TRADE_REFERENCE : NonEmptyString255	
 INITIAL_STOCK_REGISTRATION_ID : String50	

ATTRIBUTES
<p>Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      While adding initial stock this field should not be filled.                      This will be generated by UDB</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public EO_INITIAL_STOCK_RAW_MATERIAL (Class) EOInitialStockRegnRawMaterial «XSDcomplexType»                      Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public CONSIGNMENT_POS (Class) Consignment «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public EO_INITIAL_STOCK_FUEL (Class) EOInitialStockRegnFuel «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public EO_INITIAL_STOCK_SUPPORT (Class) EOInitialStockRegnSupport «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public EO_INITIAL_STOCK_MAIN_QUANTITY (Class) EOInitialStockRegnMainQuantity «XSDcomplexType»                      Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»                      Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegHeader «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REGN (Class) EOInitialStockRegn «XSDcomplexType»                      Cardinality: [1..*]</p>

## 4.46 EOInitialStockRegnFuel

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>COUNTRY_CODE : NonEmptyString2</p>

ATTRIBUTES	
◆ SCHEME : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
◆ CERTIFICATE_NUMBER : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
◆ MATERIAL_CODE : NonEmptyString10	

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOInitialStockRegn «XSDcomplexType»	Target: Public EO_INITIAL_STOCK_FUEL (Class) EOInitialStockRegnFuel «XSDcomplexType» Cardinality: [0..1]

## 4.47 EOInitialStockRegnMainQuantity

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ QUANTITY : Number13and6Decimal	
◆ MEASURE_UNIT : MeasuringUnitEnum	

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOInitialStockRegn «XSDcomplexType»	Target: Public EO_INITIAL_STOCK_MAIN_QUANTITY (Class) EOInitialStockRegnMainQuantity «XSDcomplexType» Cardinality: [1]

## 4.48 EOInitialStockRegnRawMaterial

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ COUNTRY_OF_ORIGIN : NonEmptyString2	
◆ BIOMASS_LAND_CRITERIA : boolean Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
◆ SCHEME_OF_ORIGIN : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
◆ CERTIFICATE_NUMBER_OF_ORIGIN : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»	

ATTRIBUTES
<p>WASTE_ANIMAL_PRODUCT_PERMIT_NUMBER : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>MATERIAL_CODE : NonEmptyString10</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public                      EO_INITIAL_STOCK_RAW_MATERIAL (Class)                      EOInitialStockRegnRawMaterial                      «XSDcomplexType»                      Cardinality: [1]</p>

## 4.49 EOInitialStockRegnResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>TRADE_REFERENCE : NonEmptyString255</p>
<p>INITIAL_STOCK_REGISTRATION_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>STATUS : OperationStatusEnum</p>
<p>OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegnResponse «XSDcomplexType»</p> <p>Target: Public CONSIGNMENT_POS (Class)                      Consignment «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegnResponseHeader «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REGN_RESP (Class) EOInitialStockRegnResponse «XSDcomplexType»                      Cardinality: [1..*]</p>

## 4.50 EOInitialStockRegnResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
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ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegnResponseHeader «XSDcomplexType»</p>	<p>Target: Public INITIAL_STOCK_REGN_RESP (Class) EOInitialStockRegnResponse «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»</p>	<p>Target: Public INITIAL_STOCK_REGN_RESP_HEADER (Class) EOInitialStockRegnResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.51 EOInitialStockRegnSupport

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>SUPPORT : NonEmptyString5 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK_SUPPORT (Class) EOInitialStockRegnSupport «XSDcomplexType» Cardinality: [0..1]</p>

## 4.52 EOMaterialDetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>MATERIAL_PROCESS_DATE_FROM : date</p>
<p>MATERIAL_PROCESS_DATE_TO : date</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType»</p>	<p>Target: Public MATERIAL_DETAIL (Class) EOMaterialDetail «XSDcomplexType» Cardinality: [0..*]</p>

## 4.53 EOMaterialPOS

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ATTRIBUTES
◆ POS_ID : NonEmptyString50
◆ OUTPUT_MATERIAL_CODE : NonEmptyString10
◆ QUANTITY : Number13and6Decimal
◆ MEASURE_UNIT : MeasuringUnitEnum

ASSOCIATIONS
✓ Association (direction: Source -> Destination) Source: Public (Class) EOMaterialPOS «XSDcomplexType» Target: Public OUTPUT_POS_DATA (Class) EOOutputMaterialPOS «XSDcomplexType» Cardinality: [0..1]
✓ Association (direction: Source -> Destination) Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType» Target: Public MATERIAL_POS (Class) EOMaterialPOS «XSDcomplexType» Cardinality: [0..*]

## 4.54 EOMaterialProcess

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
◆ MATERIAL_PROCESS_ID : NonEmptyString50 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDElement»

ASSOCIATIONS
✓ Association (direction: Source -> Destination) Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType» Target: Public MATERIAL_PROCESS (Class) EOMaterialProcess «XSDcomplexType» Cardinality: [0..1]

## 4.55 EOMaterialProcessDetails

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
◆ CERTIFICATE_NUMBER : NonEmptyString100
◆ SITE_NAME : NonEmptyString255
◆ SITE_POSTCODE : NonEmptyString100
◆ MATERIAL_PROCESS_ID : NonEmptyString50

ATTRIBUTES
<p>◆ PROCESSING_DATE_TIME : date</p>
<p>◆ SCOPE_ID : String10</p>
<p>◆ POS_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      For Add Request this field is not required and for Get Response this field has to be filled in</p>

ASSOCIATIONS
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOMaterialProcessDetails «XSDcomplexType»</p> <p>Target: Public IN_OUT_MATERIAL_HEADER (Class) EOInOutMaterialAndPOSHeder «XSDcomplexType» Cardinality: [1]</p>
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOMaterialProcessingHeader «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_DETAILS (Class) EOMaterialProcessDetails «XSDcomplexType» Cardinality: [1..*]</p>

## 4.56 EOMaterialProcessingHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOMaterialProcessingHeader «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_DETAILS (Class) EOMaterialProcessDetails «XSDcomplexType» Cardinality: [1..*]</p>
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingRequest «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [1]</p>
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.57 EOOutWasteMaterial

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>◆ MATERIAL_CODE : NonEmptyString10</p>

ATTRIBUTES
<ul style="list-style-type: none"> <li>QUANTITY : Number13and6Decimal</li> </ul>
<ul style="list-style-type: none"> <li>MEASURE_UNIT : MeasuringUnitEnum</li> </ul>

ASSOCIATIONS	
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>	
<p>Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»</p>	<p>Target: Public EO_OUTPUT_WASTE (Class) EOOutWasteMaterial «XSDcomplexType» Cardinality: [0..*]</p>

## 4.58 EOOutputMaterial

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>OUTPUT_MATERIAL_CODE : NonEmptyString10</li> </ul>
<ul style="list-style-type: none"> <li>OUTPUT_MEASURE_UNIT : MeasuringUnitEnum</li> </ul>

ASSOCIATIONS	
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>	
<p>Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»</p>	<p>Target: Public EO_OUTPUT_MATERIAL (Class) EOOutputMaterial «XSDcomplexType» Cardinality: [1]</p>

## 4.59 EOOutputMaterialPOS

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>GHG_MEASURING_UNIT_ACR : GHGUnitEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</li> </ul>
<ul style="list-style-type: none"> <li>GHG_TOTAL_VALUE : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</li> </ul>
<ul style="list-style-type: none"> <li>GHG_METHOD_TYPE : GHGMethodTypeEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</li> </ul>
<ul style="list-style-type: none"> <li>EEC : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</li> </ul>
<ul style="list-style-type: none"> <li>EL : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</li> </ul>
<ul style="list-style-type: none"> <li>EP : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0)</li> </ul>

ATTRIBUTES
Stereotype is «XSDelement»
<p>ETD : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>EU : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>EEC_AV_DDV : GHGAVDDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>EL_AV_DDV : GHGAVDDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>ESCA : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>ECCS : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>EP_AV_DDV : GHGAVDDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>ECCR : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>ETD_AV_DDV : GHGAVDDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>EU_AV_DDV : GHGAVDDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>EEC_NUTS2_DDV : GHGNUTS2DDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInOutMaterial «XSDcomplexType»</p> <p>Target: Public OUTPUT_POS_DATA (Class) EOOutputMaterialPOS «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOMaterialPOS «XSDcomplexType»</p> <p>Target: Public OUTPUT_POS_DATA (Class) EOOutputMaterialPOS «XSDcomplexType»                      Cardinality: [0..1]</p>

## 4.60 EOPoOTrade

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>◆ SITE_NAME : NonEmptyString255</p>
<p>◆ SITE_PINCODE : NonEmptyString100</p>
<p>◆ TRADE_DATE : dateTime</p>
<p>◆ MATERIAL_CODE : NonEmptyString10</p>
<p>◆ MEASURE_UNIT : MeasuringUnitEnum</p>
<p>◆ POS_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Not required for Add request</p>
<p>◆ STATUS : OperationStatusEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Not required for Add request</p>
<p>◆ TRADE_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Not required for Add request</p>

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTrade «XSDcomplexType»      Target: Public SOURCING_CONTACTS (Class) SourcingContacts «XSDcomplexType»                      Cardinality: [1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTrade «XSDcomplexType»      Target: Public POS_DATA (Class) POSDetail «XSDcomplexType»                      Cardinality: [1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTradeHeader «XSDcomplexType»      Target: Public EO_POO_TRADE (Class) EOPoOTrade «XSDcomplexType»                      Cardinality: [1..*]</p>

## 4.61 EOPoOTradeHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTradeHeader «XSDcomplexType»      Target: Public EO_POO_TRADE (Class) EOPoOTrade «XSDcomplexType»                      Cardinality: [1..*]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p>

ASSOCIATIONS	
Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»	Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType» Cardinality: [0..1]
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOAddPoOTradeRequest «XSDcomplexType»	Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType» Cardinality: [1]

## 4.62 EOPoOTradeResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOPoOTradeResponseHeader «XSDcomplexType»	Target: Public EO_POT_TRADE_RESPONSE (Class) EOTradeResponse «XSDcomplexType» Cardinality: [0..*]
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType»	Target: Public EO_POO_TRADE_RESP_HEADER (Class) EOPoOTradeResponseHeader «XSDcomplexType» Cardinality: [0..1]

## 4.63 EOscope

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>🔑 ORGANISATION_SCOPE : NonEmptyString10 Economic Operator Scope</p>

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOCertificate «XSDcomplexType»	Target: Public EO_SCOPE (Class) EOscope «XSDcomplexType» Cardinality: [1..*]
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EODetailByVSHeader «XSDcomplexType»	Target: Public EO_SCOPE (Class) EOscope «XSDcomplexType» Cardinality: [0..*]

## 4.64 EOSellerNotificationHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOSellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOSellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_ACCEPTED (Class) EOTransactionAccepteddd «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionSellerNotification «XSDcomplexType»</p>	<p>Target: Public SELLER_NOTIFICATION_HEADER (Class) EOSellerNotificationHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.65 EO\_SiteScope

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>ORGANISATION_SCOPE : NonEmptyString10</p>
<p>IN_MATERIAL : NonEmptyString32</p>
<p>OUT_MATERIAL : NonEmptyString32</p>
<p>PROD_PLANT_DATE : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>MAX_CAPACITY_YEAR : PositiveInteger Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>REN_CAPACITY_YEAR : PositiveInteger Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>MAX_REN_CAPACITY_YEAR_UNITS : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» The measuring units are based on the output material (OUT Material)</p> <p>If material = raw material the units of measurements to choose from are: Litres, Tonnes, Gallons</p> <p>If material = Fuel the units of measurements to choose from are: Litres at 15°C, Tonnes, Cubic metres at 15°C</p> <p>For Traders with storage, Traders without storage, and Warehouse the units of measurements are: Litres, Tonnes, Gallons, Litres at 15°C, Cubic metres at 15°C</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p>

ASSOCIATIONS	
Source: Public (Class) EOSiteScope «XSDcomplexType»	Target: Public GHG (Class) CertificateGHGType «XSDcomplexType» Cardinality: [1]
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOCertificateSite «XSDcomplexType»	Target: Public EO_SITE_SCOPE (Class) EOSiteScope «XSDcomplexType» Cardinality: [0..*]

## 4.66 EOTradeID

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>◆ TRADE_ID : NonEmptyString50 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOFGPGGetTransactionHeader «XSDcomplexType»	Target: Public EO_TRANSACTION (Class) EOTradeID «XSDcomplexType» Cardinality: [0..1]
<p>✍ Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOGetPoOTransactionHeader «XSDcomplexType»	Target: Public EO_TRANSACTION (Class) EOTradeID «XSDcomplexType» Cardinality: [0..1]

## 4.67 EOTradeResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>◆ ECONOMIC_OPERATOR_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ TRADE_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ POS_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ STATUS : OperationStatusEnum</p>
<p>◆ OBSERVATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>



ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTradeResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_POT_TRADE_RESPONSE (Class) EOTradeResponse «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_FGP_TRADE_RESPONSE (Class) EOTradeResponse «XSDcomplexType» Cardinality: [0..*]</p>

## 4.68 EOTransaction

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>SELLER_CERTIFICATE_NUMBER : NonEmptyString100</p>
<p>BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>BUYER_CERTIFICATE_NUMBER : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>LOADING_DATE : dateTime</p>
<p>PLACE_OF_LOADING_NAME : NonEmptyString255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» Mandatory for Add Optional for Get</p>
<p>PLACE_OF_LOADING_POSTCODE : NonEmptyString20 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» Mandatory for Add Optional for Get</p>
<p>DELIVERY_DATE : dateTime Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>REFERENCE_NUMBER : NonEmptyString255</p>
<p>TRADE_DATE : dateTime</p>
<p>MATERIAL_CODE : NonEmptyString10</p>
<p>MATERIAL_CATEGORY : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>STATUS : TransactionStatusEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>REJECT_REASON : RejectReasonEnum Multiplicity: ( [0..1], Allow duplicates: 0)</p>

ATTRIBUTES	
Stereotype is «XSDelement»	
◆ COMMENT : String255	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ POS_ID : String50	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ TRANSACTION_ID : String50	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ OBSERVATION : String255	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS	
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOTransaction «XSDcomplexType»	Target: Public EO_TRANSACTION_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [1..*]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOTransaction «XSDcomplexType»	Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType»	Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransaction «XSDcomplexType» Cardinality: [0..*]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType»	Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOTransactionHeader «XSDcomplexType»	Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]

## 4.69 EOTransactionAccepted

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ TRANSACTION_ID : NonEmptyString50	
◆ BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255	
◆ DELIVERY_DATE : dateTime	

ATTRIBUTES
<p>◆ PLACE_OF_DELIVERY_NAME : NonEmptyString255</p>
<p>◆ PLACE_OF_DELIVERY_POSTCODE : NonEmptyString20</p>
<p>◆ REFERENCE_NUMBER : NonEmptyString255</p>
<p>◆ STATUS : TransactionStatusEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>
<p>◆ COMMENTS : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>
<p>◆ ETD_BUYER : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>
<p>◆ MODE_OF_TRANSPORT : TransportModeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>
<p>◆ TRANSPORT_DISTANCE_KM : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>

ASSOCIATIONS
<p>✍ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionHeader                      «XSDcomplexType»</p> <p>Target: Public EO_TRANS_ACCEPTED (Class)                      EOTransactionAccepted «XSDcomplexType»                      Cardinality: [0..*]</p>

## 4.70 EOTransactionAcceptedd

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>◆ TRANSACTION_ID : NonEmptyString50</p>
<p>◆ BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>◆ DELIVERY_DATE : dateTime</p>
<p>◆ REFERENCE_NUMBER : NonEmptyString255</p>
<p>◆ STATUS : TransactionStatusEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>
<p>◆ COMMENTS : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>

ASSOCIATIONS
<p>✍ Association (direction: Source -&gt; Destination)</p>

ASSOCIATIONS	
Source: Public (Class) EOSellerNotificationHeader «XSDcomplexType»	Target: Public EO_TRANS_ACCEPTED (Class) EOTransactionAcceptedd «XSDcomplexType» Cardinality: [0..*]

## 4.71 EOTransactionData




Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
LOADING_DATE : dateTime
DELIVERY_DATE : dateTime Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
REFERENCE_NUMBER : NonEmptyString255
MATERIAL_TYPE : NonEmptyString1 F - Fuel R - Raw Material
TRADE_DATE : dateTime
MATERIAL_CODE : NonEmptyString10
TRANSACTION_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
STATUS : TransactionStatusEnum
POS_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS	
Association (direction: Source -> Destination) Source: Public (Class) EOTransactionData «XSDcomplexType»	Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]
Association (direction: Source -> Destination) Source: Public (Class) EOTransactionData «XSDcomplexType»	Target: Public MATERIAL_DATA (Class) MaterialData «XSDcomplexType» Cardinality: [1..*]
Association (direction: Source -> Destination) Source: Public (Class) EOBuyerNotificationHeader «XSDcomplexType»	Target: Public (Class) EOTransactionData «XSDcomplexType» Cardinality: [1..*]

## 4.72 EOTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.73 EOTransactionId





Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> TRANSACTION_ID : NonEmptyString50 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDElement»</p>

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION (Class) EOTransactionId «XSDcomplexType» Cardinality: [0..1]</p>

## 4.74 EOTransactionMaterials

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> ORIGINAL_POS : NonEmptyString50</p>
<p> PREVIOUS_POS : NonEmptyString50</p>
<p> QUANTITY : Number13and6Decimal</p>
<p> MEASURE_UNIT : NonEmptyString10</p>

ASSOCIATIONS
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ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransaction «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) RawMaterialData «XSDcomplexType»</p>	<p>Target: Public RAW_MATERIAL_CONSIGNMENT (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) FuelData «XSDcomplexType»</p>	<p>Target: Public FUEL_CONSIGNMENT (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [0..1]</p>

## 4.75 EOTransactionRejected

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>TRANSACTION_ID : NonEmptyString50</p>
<p>BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>REFERENCE_NUMBER : NonEmptyString255</p>
<p>STATUS : TransactionStatusEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p>REJECT_REASON : RejectReasonEnum</p>
<p>COMMENTS : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOSellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType» Cardinality: [0..*]</p>

ASSOCIATIONS

## 4.76 EOTransactionResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES

SELLER\_ECONOMIC\_OPERATOR\_NUMBER : NonEmptyString255

BUYER\_ECONOMIC\_OPERATOR\_NUMBER : NonEmptyString255

REFERENCE\_NUMBER : NonEmptyString255

TRANSACTION\_ID : String50  
 Multiplicity: ( [0..1], Allow duplicates: 0)  
 Stereotype is «XSDElement»

POSID : String50  
 Multiplicity: ( [0..1], Allow duplicates: 0)  
 Stereotype is «XSDElement»

STATUS : OperationStatusEnum

OBSERVATION : String255  
 Multiplicity: ( [0..1], Allow duplicates: 0)  
 Stereotype is «XSDElement»

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) EOTransactionResponseHeader  
 «XSDcomplexType»

Target: Public EO\_TRANSACTION\_RESPONSE  
 (Class) EOTransactionResponse  
 «XSDcomplexType»  
 Cardinality: [0..\*]

Association (direction: Source -> Destination)

Source: Public (Class) EOCancelTransactionResponseHeader  
 «XSDcomplexType»

Target: Public EO\_TRANSACTION\_RESPONSE  
 (Class) EOTransactionResponse  
 «XSDcomplexType»  
 Cardinality: [0..\*]

## 4.77 EOTransactionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) EOTransactionResponseHeader  
 «XSDcomplexType»

Target: Public EO\_TRANSACTION\_RESPONSE  
 (Class) EOTransactionResponse  
 «XSDcomplexType»  
 Cardinality: [0..\*]

Association (direction: Source -> Destination)

Source: Public (Class) EOAddTransactionResponse

Target: Public EO\_TRANS\_RESP\_HEADER

ASSOCIATIONS	
«XSDcomplexType»	(Class) EOTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]

## 4.78 EOUpdatePOSResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</li> </ul>
<ul style="list-style-type: none"> <li>POS_ID : NonEmptyString50</li> </ul>
<ul style="list-style-type: none"> <li>STATUS : OperationStatusEnum</li> </ul>
<ul style="list-style-type: none"> <li>OBSERVATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination) Source: Public (Class) EOUpdatePOSResponseHeader «XSDcomplexType» Target: Public UPDATE_POS_RESP (Class) EOUpdatePOSResponse «XSDcomplexType» Cardinality: [1..*]</li> </ul>

## 4.79 EOUpdatePOSResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination) Source: Public (Class) EOUpdatePOSResponseHeader «XSDcomplexType» Target: Public UPDATE_POS_RESP (Class) EOUpdatePOSResponse «XSDcomplexType» Cardinality: [1..*]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination) Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType» Target: Public UPDATE_POS_RESP_HEADER (Class) EOUpdatePOSResponseHeader «XSDcomplexType» Cardinality: [0..1]</li> </ul>

## 4.80 EOUpdateRejectedTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination) Source: Public (Class) EOUpdateRejectedTransactionHeader Target: Public EO_TRANSACTION (Class)</li> </ul>



ASSOCIATIONS	
«XSDcomplexType»	EOTransaction «XSDcomplexType» Cardinality: [1..*]
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»</p> <p>Target: Public EO_UPD_REJECTED_TRANS_HEADER (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType» Cardinality: [1]</p>	





## 4.81 EOUpdateRejectedTransactionResponseHeader


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransaction «XSDcomplexType» Cardinality: [0..*]</p>	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»</p> <p>Target: Public EO_UPD_REJECTED_TRANS_RESPONSE (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>	

## 4.82 FuelData

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
	COUNTRY_CODE : NonEmptyString2
	SCHEME : NonEmptyString8
	CERTIFICATE_NUMBER : NonEmptyString10
	MATERIAL_CODE : NonEmptyString10

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) FuelData «XSDcomplexType»</p> <p>Target: Public FUEL_CONSIGNMENT (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [0..1]</p>	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p> <p>Target: Public FUEL_DATA (Class) FuelData «XSDcomplexType» Cardinality: [0..1]</p>	

## 4.83 GasEOIDDetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
◆ ECONOMIC_OPERATOR_ID : String255
◆ INJECTION_DATE_FROM : date
◆ INJECTION_DATE_TO : date

ASSOCIATIONS
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»</p> <p>Target: Public GAS_INJECTION_EO_ID (Class) GasEOIDDetail «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>

## 4.84 GasInjection

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
◆ MATERIAL_CODE : NonEmptyString10
◆ INJECTION_DATE : date
◆ BATCH_REFERENCE : NonEmptyString255
◆ CERTIFICATE_NUMBER : NonEmptyString100
◆ INJECTION_FACILITY_IDENTIFICATION : NonEmptyString255
◆ INJECTED_VOLUME_M3 : NonEmptyNumber19
◆ INJECTED_VOLUME_MWh : NonEmptyNumber19
◆ CONSUMED_VOLUME_M3 : Number19 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ CONSUMED_VOLUME_MWh : Number19 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ PERIOD_OF_INJECTION_FROM : date
◆ PERIOD_OF_INJECTION_TO : date
◆ METERING_POINT_NUMBER : NonEmptyString255
◆ DSO_ID : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» Either DSO/TSO has to be filled.

ATTRIBUTES
<p><b>TSO_ID</b> : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Either DSO/TSO has to be filled.</p>
<p><b>GRID_ID</b> : NonEmptyString255</p>
<p><b>METHOD_TYPE</b> : String30                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      GHG Computation method</p> <p>DV - Total default value (default)                      AV - Actual value                      DDV - Disaggregated default value                      NUTS2</p>
<p><b>GHG</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EEC</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EL</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EP</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ETD</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EU</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ESCA</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ECCS</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ECCR</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>OPERATIONAL_AID</b> : boolean                      Yes(1) / No(0) - default = 0</p>
<p><b>IMPORT</b> : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>TSO_DSO_INJECTED_VOLUME_M3</b> : long                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>TSO_DSO_INJECTED_VOLUME_MWh</b> : long</p>

ATTRIBUTES
Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ GAS_INJECTION_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» To be filled for UpdateRequest, GetResponse and not filled for AddRequest

ASSOCIATIONS
/ Association (direction: Source -> Destination)  Source: Public (Class) GasInjectionRequestHeader «XSDcomplexType» Target: Public GAS_INJECTION (Class) GasInjection «XSDcomplexType» Cardinality: [1..*]
/ Association (direction: Source -> Destination)  Source: Public (Class) GetInjectionResponseHeader «XSDcomplexType» Target: Public GAS_INJECTION (Class) GasInjection «XSDcomplexType» Cardinality: [1..*]

## 4.85 GasInjectionConfirm

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
◆ TSO_DSO_NUMBER : NonEmptyString255 Either DSO/TSO has to be filled.
◆ ORG_TYPE : OrganisationTypeEnum ORGANISATION TYPE
◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
◆ MATERIAL_CODE : NonEmptyString10
◆ PERIOD_OF_INJECTION_FROM : dateTime Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ PERIOD_OF_INJECTION_TO : dateTime Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ INJECTION_FACILITY_IDENTIFICATION : NonEmptyString255
◆ POST_CODE : NonEmptyString50
◆ TSO_DSO_INJECTED_VOLUME_M3 : long Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ TSO_DSO_INJECTED_VOLUME_MWh : long
◆ METERING_POINT_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ GRID_ID : NonEmptyString255

ATTRIBUTES
<ul style="list-style-type: none"> <li>IMPORT : String2                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</li> </ul> COUNTRY CODE

ASSOCIATIONS	
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>	
Source: Public (Class) GasInjectionConfirmRequestHeader «XSDcomplexType»	Target: Public GAS_INJECTION_CONFIRM (Class) GasInjectionConfirm «XSDcomplexType» Cardinality: [1..*]

## 4.86 GasInjectionConfirmRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ASSOCIATIONS	
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>	
Source: Public (Class) GasInjectionConfirmRequestHeader «XSDcomplexType»	Target: Public GAS_INJECTION_CONFIRM (Class) GasInjectionConfirm «XSDcomplexType» Cardinality: [1..*]
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>	
Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJ_CONFIRM_REQ_HEADER (Class) GasInjectionConfirmRequestHeader «XSDcomplexType» Cardinality: [1]

## 4.87 GasInjectionConfirmResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ATTRIBUTES
<ul style="list-style-type: none"> <li>TSO_DSO_NUMBER : NonEmptyString255                      Either DSO/TSO has to be filled.</li> </ul>
<ul style="list-style-type: none"> <li>TSO_DSO_NAME : NonEmptyString255                      Either DSO/TSO has to be filled.</li> </ul>
<ul style="list-style-type: none"> <li>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</li> </ul>
<ul style="list-style-type: none"> <li>ECONOMIC_OPERATOR_NAME : NonEmptyString255</li> </ul>
<ul style="list-style-type: none"> <li>PERIOD_OF_INJECTION_FROM : dateTime                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</li> </ul>
<ul style="list-style-type: none"> <li>PERIOD_OF_INJECTION_TO : dateTime                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</li> </ul>
<ul style="list-style-type: none"> <li>STATUS : OperationStatusEnum                      SUCCESS / FAILED</li> </ul>

ATTRIBUTES
<p> <b>OBSERVATION</b> : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasInjectionConfirmResponseHeader «XSDcomplexType»</p> <p>Target: Public GAS_INJECTION_CONFIRM_RESPONSE (Class) GasInjectionConfirmResponse «XSDcomplexType» Cardinality: [0..*]</p>

## 4.88 GasInjectionConfirmResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasInjectionConfirmResponseHeader «XSDcomplexType»</p> <p>Target: Public GAS_INJECTION_CONFIRM_RESPONSE (Class) GasInjectionConfirmResponse «XSDcomplexType» Cardinality: [0..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) ConfirmGasInjectionResponse «XSDcomplexType»</p> <p>Target: Public GAS_INJ_CONFIRM_RESP_HEADER (Class) GasInjectionConfirmResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.89 GasInjectionId



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ATTRIBUTES
<p> <b>TRANSACTION_ID</b> : NonEmptyString50                      Multiplicity: ( [1..999], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»</p> <p>Target: Public GAS_INJECTION (Class) GasInjectionId «XSDcomplexType» Cardinality: [0..1]</p>

## 4.90 GasInjectionPOS




Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> <b>POS_ID</b> : NonEmptyString50 For each Mwh of Injected data a POS is created and the list of POS must be sent in the response.</p>
<p> <b>STATUS</b> : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» For each Mwh of Consumed volume status has to be set to Consumed</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasInjectionResponse «XSDcomplexType»      Target: Public POS (Class) GasInjectionPOS «XSDcomplexType» Cardinality: [0..*]</p>




## 4.91 GasInjectionRequestHeader





Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasInjectionRequestHeader «XSDcomplexType»      Target: Public GAS_INJECTION (Class) GasInjection «XSDcomplexType» Cardinality: [1..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasInjectionRequest «XSDcomplexType»      Target: Public GAS_INJECTION_HEADER (Class) GasInjectionRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) UpdateGasSustainabilityRequest «XSDcomplexType»      Target: Public GAS_INJECTION_REQ_HEADER (Class) GasInjectionRequestHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.92 GasInjectionResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'




ATTRIBUTES
<p> <b>ECONOMIC_OPERATOR_NUMBER</b> : NonEmptyString255</p>
<p> <b>ORGANISATION_NAME</b> : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> <b>GAS_INJECTION_ID</b> : String50 Multiplicity: ( [0..1], Allow duplicates: 0)</p>

ATTRIBUTES
Stereotype is «XSDelement»
<p> INJECTION_DATE : date                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> BATCH_REFERENCE : NonEmptyString255</p>
<p> STATUS : OperationStatusEnum</p>
<p> OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasInjectionResponse «XSDcomplexType»      Target: Public POS (Class) GasInjectionPOS «XSDcomplexType»                      Cardinality: [0..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasInjectionResponseHeader «XSDcomplexType»      Target: Public GAS_INJECTION_RESPONSE (Class) GasInjectionResponse «XSDcomplexType»                      Cardinality: [1..*]</p>

## 4.93 GasInjectionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasInjectionResponseHeader «XSDcomplexType»      Target: Public GAS_INJECTION_RESPONSE (Class) GasInjectionResponse «XSDcomplexType»                      Cardinality: [1..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) UpdateGasSustainabilityResponse «XSDcomplexType»      Target: Public GAS_INJECTION_RESP_HEADER (Class) GasInjectionResponseHeader «XSDcomplexType»                      Cardinality: [0..1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasInjectionResponse «XSDcomplexType»      Target: Public GAS_INJECTION_RESP_HEADER (Class) GasInjectionResponseHeader «XSDcomplexType»                      Cardinality: [0..1]</p>

## 4.94 GasWithdrawalRequest

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
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ATTRIBUTES	
◆	ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
◆	MATERIAL_CODE : NonEmptyString10
◆	POS_ID : NonEmptyString50
◆	WITHDRAWAL_DATE : date
◆	PERIOD_OF_WITHDRAWAL_FROM : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	PERIOD_OF_WITHDRAWAL_TO : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	TSO_ID : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	METERING_POINT_NUMBER : NonEmptyString255
◆	EXPORT : String2 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	DSO_ID : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	GRID_ID : NonEmptyString255
◆	GAS_WITHDRAWAL_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	STATUS : WithdrawalStatusEnum

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasWithdrawalRequestHeader «XSDcomplexType»</p>	<p>Target: Public GAS_WITHDRAWAL_REQUEST (Class) GasWithdrawalRequest «XSDcomplexType» Cardinality: [1..*]</p>

## 4.95 GasWithdrawalRequestHeader







Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasWithdrawalRequestHeader «XSDcomplexType»</p>	<p>Target: Public GAS_WITHDRAWAL_REQUEST (Class) GasWithdrawalRequest «XSDcomplexType» Cardinality: [1..*]</p>
<p>✍ Association (direction: Source -&gt; Destination)</p>	

ASSOCIATIONS	
Source: Public (Class) AddGasWithdrawalRequest «XSDcomplexType»	Target: Public GAS_WITHDRAWAL_REQ_HEADER (Class) GasWithdrawalRequestHeader «XSDcomplexType» Cardinality: [1]

## 4.96 GasWithdrawalResponse



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p> GAS_WITHDRAWAL_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> WITHDRAWAL_DATE : date</p>
<p> POS_ID : NonEmptyString50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> STATUS : OperationStatusEnum</p>
<p> OBSERVATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasWithdrawalResponseHeader «XSDcomplexType»</p> <p>Target: Public GAS_WITHDRAWAL_RESPONSE (Class) GasWithdrawalResponse «XSDcomplexType» Cardinality: [0..*]</p>

## 4.97 GasWithdrawalResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasWithdrawalResponseHeader «XSDcomplexType»</p> <p>Target: Public GAS_WITHDRAWAL_RESPONSE (Class) GasWithdrawalResponse «XSDcomplexType» Cardinality: [0..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasWithdrawalResponse «XSDcomplexType»</p> <p>Target: Public GAS_WITHDRAWAL_REQ_HEADER (Class) GasWithdrawalResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.98 GetInjectionRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»</p>	<p>Target: Public GAS_INJECTION (Class) GasInjectionId «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»</p>	<p>Target: Public GAS_INJECTION_EO_ID (Class) GasEOIDDetail «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public GAS_INJ_REQ_HEADER (Class) GetInjectionRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

## 4.99 GetInjectionResponseHeader


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionResponseHeader «XSDcomplexType»</p>	<p>Target: Public GAS_INJECTION (Class) GasInjection «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionResponse «XSDcomplexType»</p>	<p>Target: Public GAS_INJECTION_RESPONSE (Class) GetInjectionResponseHeader «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

## 4.100 GetMaterialProcessListRequestHeader


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS (Class) EOMaterialProcess «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType»</p>	<p>Target: Public MATERIAL_DETAIL (Class) EOMaterialDetail «XSDcomplexType»</p>

ASSOCIATIONS	
	Cardinality: [0..*]
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListRequest «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_LIST_REQ_HEADER (Class) GetMaterialProcessListRequestHeader «XSDcomplexType» Cardinality: [1]</p>





## 4.101 MainQuantity

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
 QUANTITY : Number13and6Decimal
 MEASURE_UNIT : MeasuringUnitEnum

## 4.102 MaterialData

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p>	<p>Target: Public RAW_MATERIAL_DATA (Class) RawMaterialData «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p>	<p>Target: Public SUPPORT (Class) Support «XSDcomplexType» Cardinality: [0..1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p>	<p>Target: Public FUEL_DATA (Class) FuelData «XSDcomplexType» Cardinality: [0..1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransactionData «XSDcomplexType»</p>	<p>Target: Public MATERIAL_DATA (Class) MaterialData «XSDcomplexType» Cardinality: [1..*]</p>


## 4.103 POS

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
 POS_ID : NonEmptyString50


ATTRIBUTES	
Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDelement»	










  




ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPOSListRequestHeader «XSDcomplexType»	Target: Public POS (Class) POS «XSDcomplexType» Cardinality: [1]

## 4.104 POSData

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
 POS_FLAG : boolean
 METHOD_TYPE : GHGMethodTypeEnum
 COUNTRY_OF_ORIGIN : String2 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 BIOMASS_LAND_CRITERIA : boolean
 NUTS2_REGION : String10 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 GHG_TOTAL_VALUE : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 GHG_MEASURING_UNIT_ACR : GHGUnitEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 EEC : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 EL : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 EP : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 ETD : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 EU : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 ESCA : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ATTRIBUTES	
<p> ECCS : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> ECCR : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> COMMENTS : String2000                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> MODE_OF_TRANSPORT : TransportModeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> TRANSPORT_DISTANCE_KM : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> EEC_AV_DDV : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> EL_AV_DDV : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> EP_AV_DDV : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> ETD_AV_DDV : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> EU_AV_DDV : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> ETD_BUYER_AV_DDV : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransactionData «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTtransaction «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»                      Cardinality: [0..1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»                      Cardinality: [1]</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransaction «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>

## 4.105 POSDetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>POS_FLAG : boolean</p>
<p>METHOD_TYPE : GHGMethodTypeAnnexIXPartBEnum</p>
<p>COUNTRY_OF_ORIGIN : String2 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>GHG_TOTAL_VALUE : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>GHG_MEASURING_UNIT_ACR : GHGUnitEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>EEC : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>EL : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>EP : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>ETD : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>EU : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>ESCA : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>ECCS : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>ECCR : Number14and2Decimal</p>

ATTRIBUTES	
	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>MODE_OF_TRANSPORT : TransportModeEnum</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>COMMENTS : String2000</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>TRANSPORT_DISTANCE_KM : Number14and2Decimal</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>EEC_AV_DDV : String3</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>EL_AV_DDV : String3</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>EP_AV_DDV : String3</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>ETD_AV_DDV : String3</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>EU_AV_DDV : String3</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>ETD_BUYER_AV_DDV : String3</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS	
✍	Association (direction: Source -> Destination)
Source: Public (Class) EOPoOTrade «XSDcomplexType»	Target: Public POS_DATA (Class) POSDetail «XSDcomplexType» Cardinality: [1]


## 4.106 POSDetails

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆	<b>POS_ID : NonEmptyString50</b>
◆	<b>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</b>
◆	<b>COUNTRY_OF_ORIGIN : String2</b> Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	<b>COMMENTS : String2000</b>






ATTRIBUTES
<p>Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>METHOD_TYPE</b> : GHGMethodTypeEnum</p>
<p> <b>GHG_TOTAL_VALUE</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>EEC</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>EL</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>EP</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>ETD</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>EU</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>ESCA</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>ECCS</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>ECCR</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>MODE_OF_TRANSPORT</b> : TransportModeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>TRANSPORT_DISTANCE_KM</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>EEC_AV_DDV</b> : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>EL_AV_DDV</b> : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>EP_AV_DDV</b> : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>ETD_AV_DDV</b> : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> <b>EU_AV_DDV</b> : String3</p>

ATTRIBUTES
Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 ETD_BUYER_AV_DDV : String3 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS
 Association (direction: Source -> Destination)  Source: Public (Class) POSDetailsHeader «XSDcomplexType» Target: Public POS_DETAILS (Class) POSDetails «XSDcomplexType» Cardinality: [1..*]






## 4.107 POSDetailsHeader


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ASSOCIATIONS
 Association (direction: Source -> Destination)  Source: Public (Class) POSDetailsHeader «XSDcomplexType» Target: Public POS_DETAILS (Class) POSDetails «XSDcomplexType» Cardinality: [1..*]
 Association (direction: Source -> Destination)  Source: Public (Class) EOGetPOSListResponse «XSDcomplexType» Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)  Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType» Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType» Cardinality: [1]

## 4.108 RawMaterialData

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ATTRIBUTES
 COUNTRY_OF_ORIGIN : NonEmptyString2
 BIOMASS_LAND_CRITERIA : boolean Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 SCHEME_OF_ORIGIN : NonEmptyString8
 CERTIFICATE_NUMBER_OF_ORIGIN : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 WASTE_ANIMAL_PRODUCT_PERMIT_NUMBER : String50 Multiplicity: ( [0..1], Allow duplicates: 0)

ATTRIBUTES
Stereotype is «XSDelement»
 MATERIAL_CODE : NonEmptyString10

ASSOCIATIONS
 Association (direction: Source -> Destination) Source: Public (Class) RawMaterialData «XSDcomplexType» Target: Public RAW_MATERIAL_CONSIGNMENT (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination) Source: Public (Class) MaterialData «XSDcomplexType» Target: Public RAW_MATERIAL_DATA (Class) RawMaterialData «XSDcomplexType» Cardinality: [1]

## 4.109 SCId



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
 SOURCING_CONTACT_NUMBER : NonEmptyString50 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS
 Association (direction: Source -> Destination) Source: Public (Class) SCIdHeader «XSDcomplexType» Target: Public SC_ID (Class) SCId «XSDcomplexType» Cardinality: [1]

## 4.110 SCIdHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
 Association (direction: Source -> Destination) Source: Public (Class) SCIdHeader «XSDcomplexType» Target: Public SC_ID (Class) SCId «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination) Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType» Target: Public SC_ID_HEADER (Class) SCIdHeader «XSDcomplexType» Cardinality: [1]

## 4.111 SourcingContact

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ SOURCING_CONTACT_NUMBER	: NonEmptyString255
◆ QUANTITY	: Number10and3Decimal

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) SourcingContacts «XSDcomplexType»	Target: Public SOURCING_CONTACT (Class) SourcingContact «XSDcomplexType» Cardinality: [1..*]

## 4.112 SourcingContactAddress

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ ADDRESS	: NonEmptyString255
◆ CITY	: NonEmptyString50
◆ POST_CODE	: NonEmptyString50
◆ STATE	: String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ COUNTRY_CODE	: NonEmptyString2

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) SourcingContactDetail «XSDcomplexType»	Target: Public SOURCING_CONTACT_ADDRESS (Class) SourcingContactAddress «XSDcomplexType» Cardinality: [1..*]

## 4.113 SourcingContactDetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ ECONOMIC_OPERATOR_NUMBER	: NonEmptyString255
◆ SOURCING_CONTACT_NUMBER	: NonEmptyString50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ COUNTRY_CODE	: NonEmptyString2
◆ SOURCING_CONTACT_NAME	: NonEmptyString255

ATTRIBUTES
LEGAL_TYPE : NonEmptyString50
VAT_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
OTH_LEGAL_IDENTIFICATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
EMAIL : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
TELEPHONE : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
WEBSITE : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
STATUS : OperationStatusEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
REN_CAPACITY_YEAR : Number19
MAX_CAPACITY_YEAR : Number19
MEASURE_UNIT : MeasuringUnitEnum

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContactDetail «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_ADDRESS (Class) SourcingContactAddress «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContactHeader «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_DETAIL (Class) SourcingContactDetail «XSDcomplexType» Cardinality: [0..*]</p>

## 4.114 SourcingContactHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContactHeader «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_DETAIL (Class) SourcingContactDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p>

ASSOCIATIONS	
Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [1]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]

## 4.115 SourcingContactResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
◆ SOURCING_CONTACT_NUMBER : NonEmptyString50
◆ OBSERVATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ STATUS : OperationStatusEnum

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) SourcingContactResponseHeader «XSDcomplexType»	Target: Public SOURCING_CONTACT_RESPONSE (Class) SourcingContactResponse «XSDcomplexType» Cardinality: [0..*]

## 4.116 SourcingContactResponseHeader



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) SourcingContactResponseHeader «XSDcomplexType»	Target: Public SOURCING_CONTACT_RESPONSE (Class) SourcingContactResponse «XSDcomplexType» Cardinality: [0..*]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_RESP_HEADER (Class)

ASSOCIATIONS	
	SourcingContactResponseHeader «XSDcomplexType» Cardinality: [0..1]

## 4.117 SourcingContacts


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContacts «XSDcomplexType»</p>	<p>Target: Public SOURCING_CONTACT (Class) SourcingContact «XSDcomplexType» Cardinality: [1..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTrade «XSDcomplexType»</p>	<p>Target: Public SOURCING_CONTACTS (Class) SourcingContacts «XSDcomplexType» Cardinality: [1]</p>

## 4.118 Support

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ATTRIBUTES
<p> SUPPORT : NonEmptyString5 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDElement»</p>

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p>	<p>Target: Public SUPPORT (Class) Support «XSDcomplexType» Cardinality: [0..1]</p>

## 4.119 UdbRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

UDB generic request header

ATTRIBUTES
<p> REQUEST_ID : NonEmptyString255 Unique identifier of a request message. The submitter is free to use any value as ID. The only purpose of this ID is to be returned in asynchronous responses that will be given to this request so the system can link request with response.</p>

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	

ASSOCIATIONS	
Source: Public (Class) AddOrganisationRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPOSListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPoOTradeRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOAddMaterialProcessingRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOAddPoOTradeRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOAddFGPTransactionRequest	Target: Public REQUEST_HEADER (Class)



ASSOCIATIONS	
«XSDcomplexType»	UdbRequestHeader «XSDcomplexType» Cardinality: [1]
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetCertificateRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionSellerNotification «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p>


ASSOCIATIONS	
	Cardinality: [1]
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) UpdateGasSustainabilityRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasWithdrawalRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

## 4.120 UdbResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

UDB Response header

ATTRIBUTES
<p>REQUEST_ID : NonEmptyString255 Unique identifier of a request message. The submitter is free to use any value as ID. The only purpose of this ID is to be returned in asynchronous responses that will be given to this request so the system can link request with response.</p>
<p>PROCESSING_DATE : dateTime Date/time when the request was processed. As exchange is asynchronous, the time the reponse is received will not match when the request was processed.</p>
<p>STATUS : OperationStatusEnum Status of the response:</p>

ATTRIBUTES
<p>INVALID_REQUEST: Returned status when missing or wrong parameters have been included in the request.                      CREW_NOT_FOUND: Returned status when no crew members match the CID or parameters included in the request.                      CREW_FOUND_SIMILARS: Returned status when one or more crew members with similar parameters included in the request is found.                      CREW_FOUND: Returned status when the request has been processed and an exact match is found.                      SUCCESS: Returned status when the request has been processed successfully.                      FAILED: Returned status when the request has not been processed due to an error.</p>
<p> OBSERVATION : String2000                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDattribute»</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) ErrorResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AuthorityAck «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p>

ASSOCIATIONS	
	Cardinality: [1]
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddOrganisationResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) ConfirmGasInjectionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPOSListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasInjectionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetFGPTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasWithdrawalResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) UpdateGasSustainabilityResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetOrganisationListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetOrganisationByIDResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

## 4.121 CertificateStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
Cancelled :
Expired :
Suspended :
Valid :
Withdrawn :

## 4.122 ChainOfCustodyEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
Mass balance :
Not Assessed :
Segregation :

## 4.123 GHGAVDDVTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
AV :
DDV :

## 4.124 GHGMethodTypeAnnexIXPartBEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

(METHOD\_TYPE: TDV - Total default value, AV - Actual Value, DDV - Disaggregated default value)

ATTRIBUTES
AV :
DDV :
DDV_AV :
TDV :

## 4.125 GHGMethodTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

(METHOD\_TYPE: TDV - Total default value, AV - Actual Value, DDV - Disaggregated default value

**TDV**

If Material selected = RM, then Total GHG **should be** zero  
 If Material selected = Fuel, then Total GHG **MUST be** > zero.

**DDV**

TOTAL GHG **should be** > 0 for Raw Material  
 TOTAL GHG **MUST be** > 0 for Fuel

**AV**

TOTAL GHG **MUST be** > 0 (for both Raw Material and Fuel).

**DDV & AV**

TOTAL GHG **MUST be** > 0 (for both Raw Material and Fuel).

**DDV & NUTS2**

TOTAL GHG **MUST be** > 0

**NUTS2**

TOTAL GHG **MUST be** > 0

ATTRIBUTES
◆ AV :
◆ DDV :
◆ DDV_AV :
◆ DDV_NUTS2 :
◆ DV_NUTS2 :
◆ NUTS2 :
◆ TDV :

## 4.126 GHGNUTS2DDVTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ DDV :
◆ NUTS2 :

## 4.127 GHGTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

(GHG: DV - Default Value, AV - Actual Value and NUTS2 - For cultivation based on NUTS2 values (regional)  
 NA - Not Applicable / Not Available

ATTRIBUTES
◆ AV :
◆ DV :
◆ NA :
◆ NUTS2 :

## 4.128 GHGUnitEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

kgCO2eq/DMT kg CO2 equivalent /dry-ton  
gCO2eq/MJ gCO2 equivalent /MJ

ATTRIBUTES
◆ gCO2eq/MJ :
◆ kgCO2eq/DMT :

## 4.129 LegalTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ LEGAL_ENTITY :
◆ NATURAL_PERSON :
◆ UNKNOWN :

## 4.130 MassbalanceDurationEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends int

ATTRIBUTES
◆ 12 :
◆ 3 :

## 4.131 MeasuringUnitEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

t tonnes  
L litres  
gal gallons  
SCM cubic metres at 15°C  
SL litres at 15°C



ATTRIBUTES
gal :
L :
MWh :
SCM :
SL :
t :

## 4.132 OperationStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

Enumeration containing the resulting status of the research

ATTRIBUTES
ACCEPTED :
CANCELLED :
CREATED :
FOUND :
FOUND_SIMILARS :
INACTIVE_SERVICE :
INVALID_REQUEST : Returned status when missing or wrong parameters have been included in the request.
NOT_FOUND :
OTHER :
PARTIAL :
PENDING :
PROVISIONAL :
REJECTED :
TIMEOUT :
UPDATED :
SUCCESS : Returned status when the request has been processed successfully.
FAILED : Returned status when the request has not been processed due to an error.

## 4.133 OrganisationStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ ACTIVE :
◆ CLOSED :
◆ IN_REVIEW :
◆ PENDING :
◆ SUSPENDED :

### 4.134 OrganisationTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

TSO, DSO or LSO

ATTRIBUTES
◆ DSO :
◆ LSO :
◆ TSO :

### 4.135 RejectReasonEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

- TNM - Transaction does not match
- VNC - Volume is not correct
- SINC - Sustainability Information is not correct
- MW - Material is wrong
- OTH - Other

ATTRIBUTES
◆ MW :
◆ OTH :
◆ SINC :
◆ TNM :
◆ VNC :

### 4.136 TransactionStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
------------

ATTRIBUTES
◆ ACCEPTED :
◆ CANCELLED :
◆ FAILED :
◆ PENDING :
◆ PROVISIONAL :
◆ REJECTED :

## 4.137 TransportModeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends String5

ATTRIBUTES
◆ Road :
◆ Ship :
◆ Train :

## 4.138 WithdrawalStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

C (consumed) or W (withdrawn)

ATTRIBUTES
◆ C :
◆ W :

## 5 Common data types

### 5.1 UDB base types

#### 5.1.1 UDB base types v1.0

##### 5.1.1.1 Common enumerations diagram

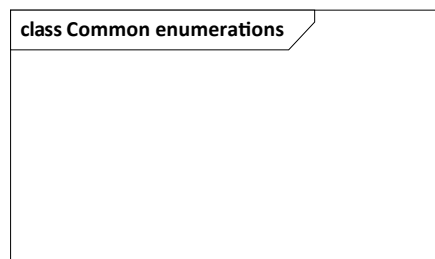


Figure 64: Common enumerations

##### 5.1.1.2 UDB base types diagram

Simple types and other reusable standard types (address, email address, attachment, http link...)

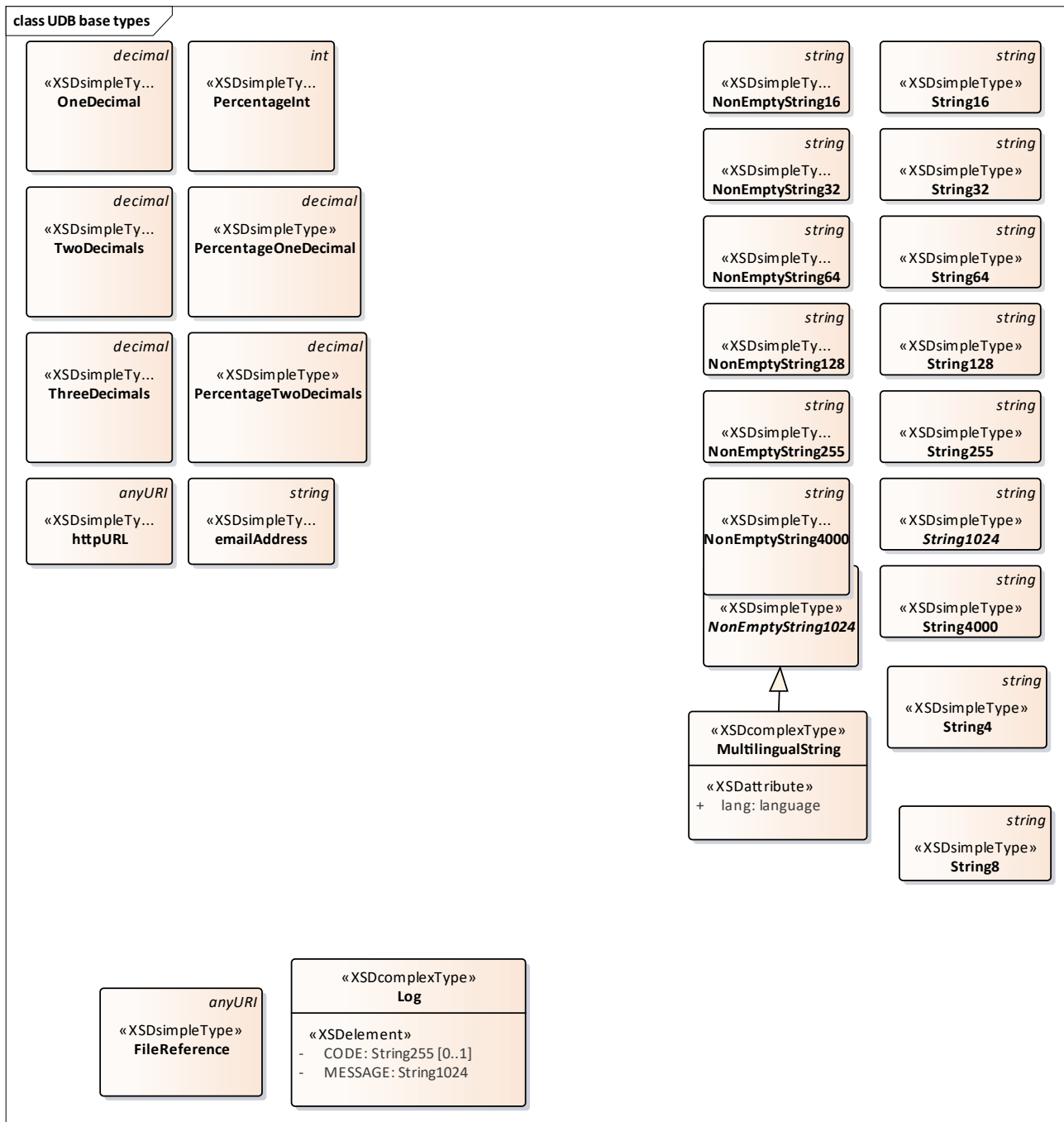


Figure 65: UDB base types

### 5.1.2 FileReference

Class «XSDsimpleType» in package 'UDB base types v1.0'

Extends anyURI

URI of a file attached to the payload.

### 5.1.3 LatitudeDT

Class «XSDsimpleType» in package 'UDB base types v1.0'

Extends decimal

Simple type only allowing 6 decimal and 8 digits from -90 to +90

### 5.1.4 Log

Class «XSDcomplexType» in package 'UDB base types v1.0'

Log entry.

ATTRIBUTES
<ul style="list-style-type: none"> <li>◆ <b>CODE</b> : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Alphanumerical error code.</li> </ul>
<ul style="list-style-type: none"> <li>◆ <b>MESSAGE</b> : String1024                      Error message</li> </ul>

### 5.1.5 LongitudeDT

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing 6 decimal and 9 total digits from -180 to +180

### 5.1.6 MultilingualString

*Class «XSDcomplexType» in package 'UDB base types v1.0'*

Extends NonEmptyString1024

Text needed to be internationalized.

ATTRIBUTES
<ul style="list-style-type: none"> <li>◆ <b>lang</b> : language                      Language in which the text is expressed.</li> </ul> <p>If the language is not specified, the default value will be applied ('en').</p>

### 5.1.7 NonEmptyNumber19

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends int

Nineteen numbers only

### 5.1.8 NonEmptyString1

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non empty 1 character only

### 5.1.9 NonEmptyString10

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non empty 10 characters only

### 5.1.10 NonEmptyString100

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Only allow 100 characters

### 5.1.11 NonEmptyString1024

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 1024 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.12 NonEmptyString12

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.13 NonEmptyString128

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 128 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.14 NonEmptyString16

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 16 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.15 NonEmptyString19

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non Empty 19 character string

### 5.1.16 NonEmptyString2

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

### 5.1.17 NonEmptyString20

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non empty 20 characters

### 5.1.18 NonEmptyString255

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 256 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.19 NonEmptyString3

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Simple type allowing only string inputs limited to 3 characters

### 5.1.20 NonEmptyString32

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 32 characters and containing at least 1 character (useful for mandatory string values).

### 5.1.21 NonEmptyString4000

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 4000 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.22 NonEmptyString5

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non empty 5 characters

### 5.1.23 NonEmptyString50

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non empty 50 characters

### 5.1.24 NonEmptyString64

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 64 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.25 NonEmptyString8

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.26 Number10and3Decimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing 3 decimal and 10 digits

### 5.1.27 Number13and6Decimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing 6 decimal and 13 digits

### 5.1.28 Number14and2Decimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing 2 decimal and 7 digits

### 5.1.29 Number19

*Class «XSDsimpleType» in package 'UDB base types v1.0'*



Extends int

Nineteen numbers only

### 5.1.30 Number19and3Decimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing 3 decimal and 19 digits

### 5.1.31 OneDecimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing decimal values with one decimal places.

### 5.1.32 PercentageInt

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends int

Simple type only allows full percentages (Integer from 0 to 100).

### 5.1.33 PercentageOneDecimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing decimal values with one decimal places from 0 to 100.

### 5.1.34 PercentageTwoDecimals

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing decimal values from 0 to 100.

### 5.1.35 PositiveInteger

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends positiveInteger

### 5.1.36 String10

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.37 String100

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.38 String1024

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 1024 characters and containing at least 1 characters (useful for

mandatory string values).

### 5.1.39 String12

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

String of length 12

### 5.1.40 String128

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 128 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.41 String16

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 16 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.42 String2

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.43 String20

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.44 String2000

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.45 String255

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 256 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.46 String3

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Allowed 3 alphanumeric characters

### 5.1.47 String30

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.48 String32

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 32 characters and containing at least 1 character (useful for mandatory string values).

### 5.1.49 String4

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Allowed 4 alphanumeric characters

### 5.1.50 String4000

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 4000 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.51 String5

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.52 String50

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.53 String64

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 64 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.54 String8

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.55 ThreeDecimals

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing decimal values with three decimal places.

### 5.1.56 TwoDecimals

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing decimal values with two decimal places.

### 5.1.57 **emailAddress**

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type for email addresses

### 5.1.58 **httpURL**

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends anyURI

Simple type for an URL