



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

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
 - GetSourcingContactByIDRequest
 - GetSourcingContactListRequest
 - GetSourcingContactListRequest
- 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

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.

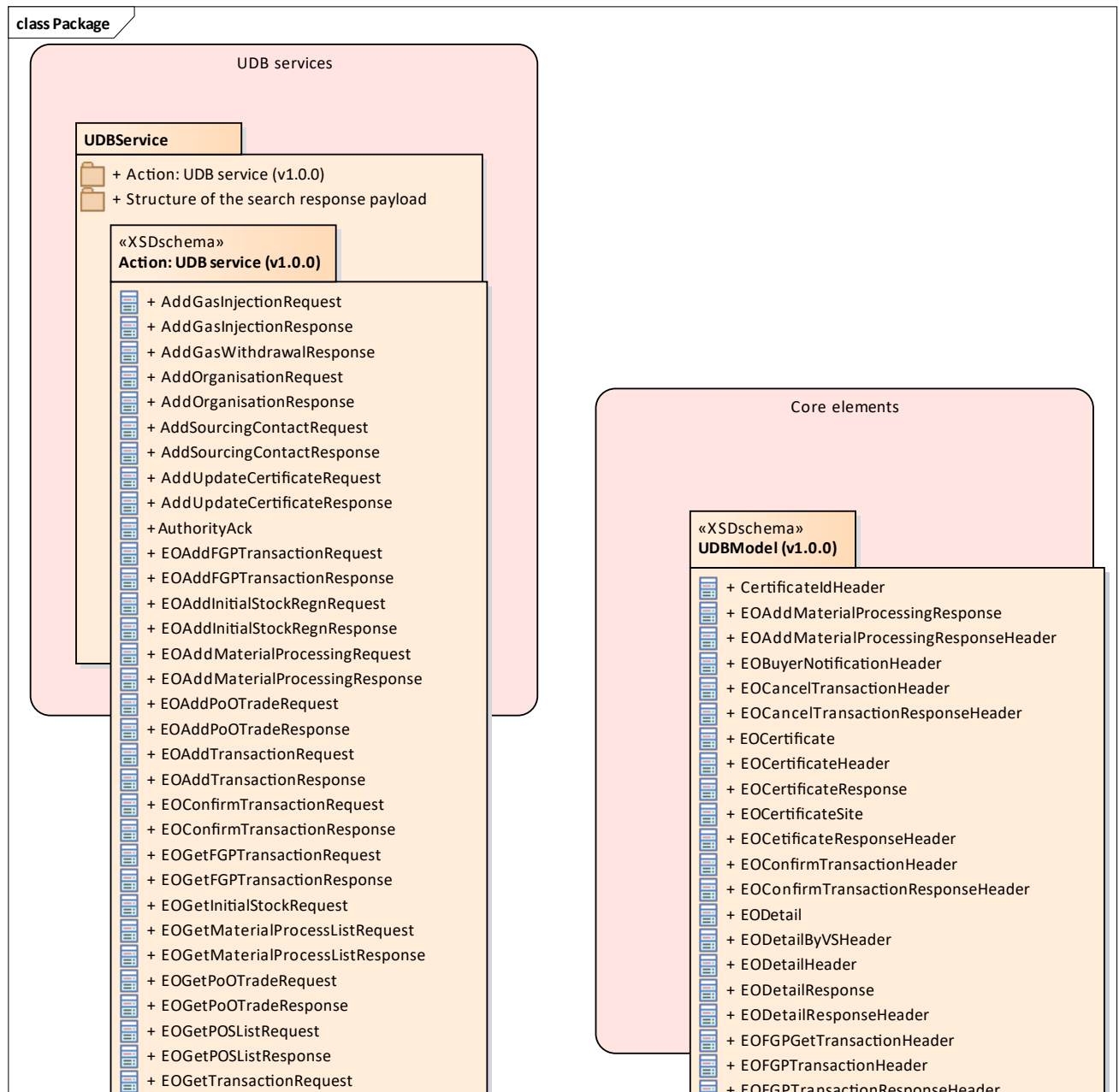


Figure 1: Package

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

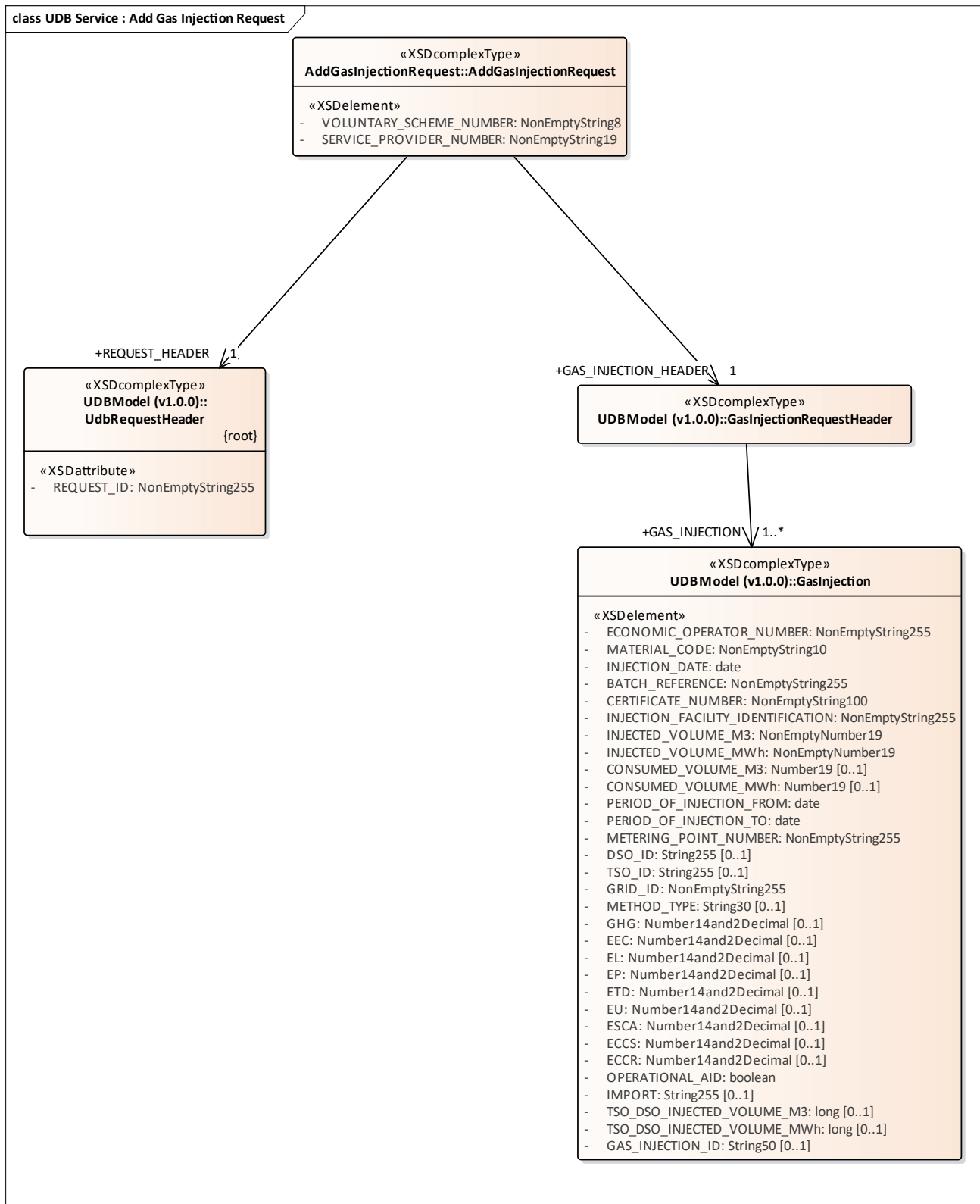


Figure 2: UDB Service : Add Gas Injection Request

3.1.1.2 UDB Service : Add Gas Injection Response diagram

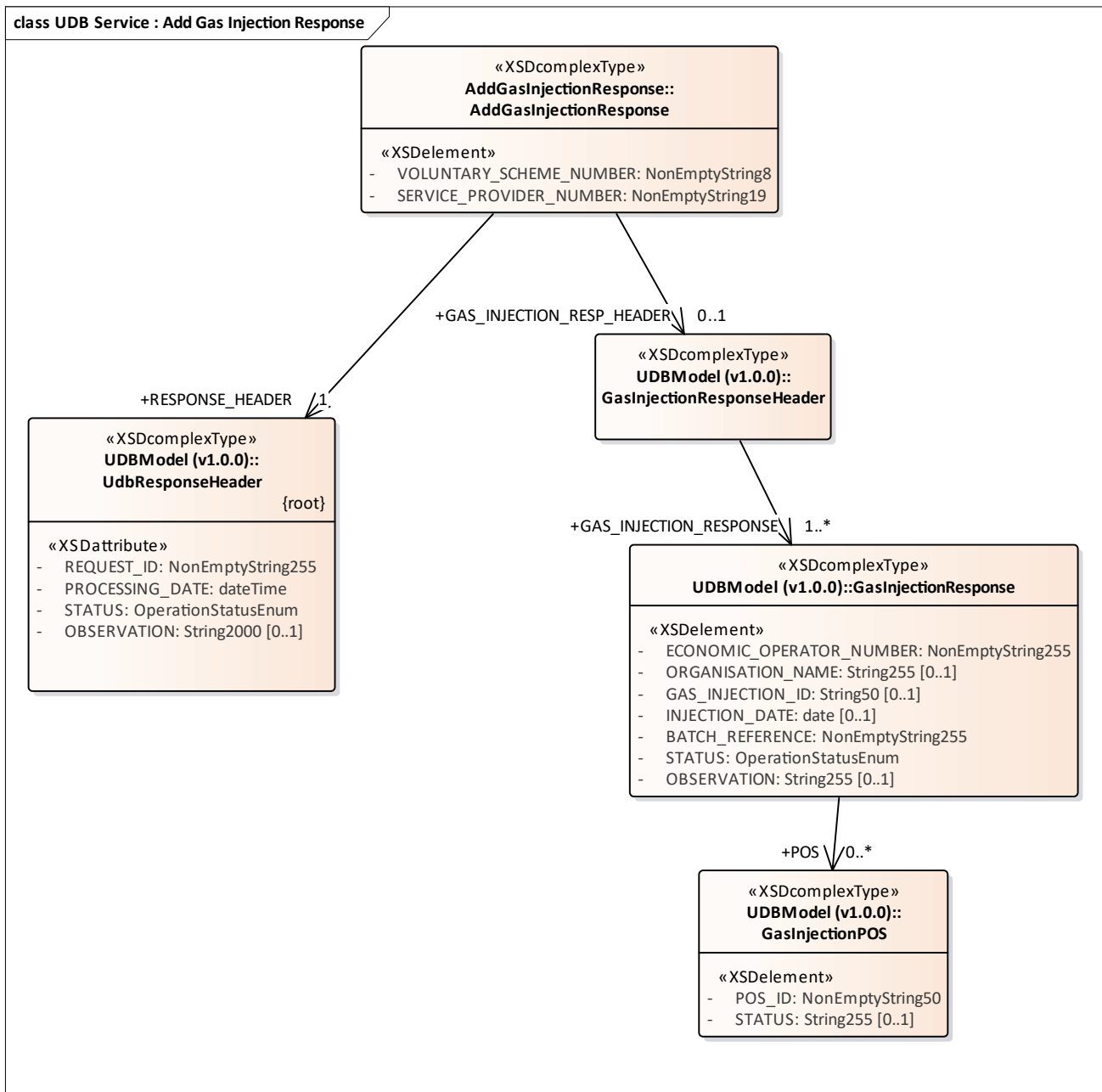


Figure 3: UDB Service : Add Gas Injection Response

3.1.1.3 UDB Service : Add Initial Stock Registration Request diagram

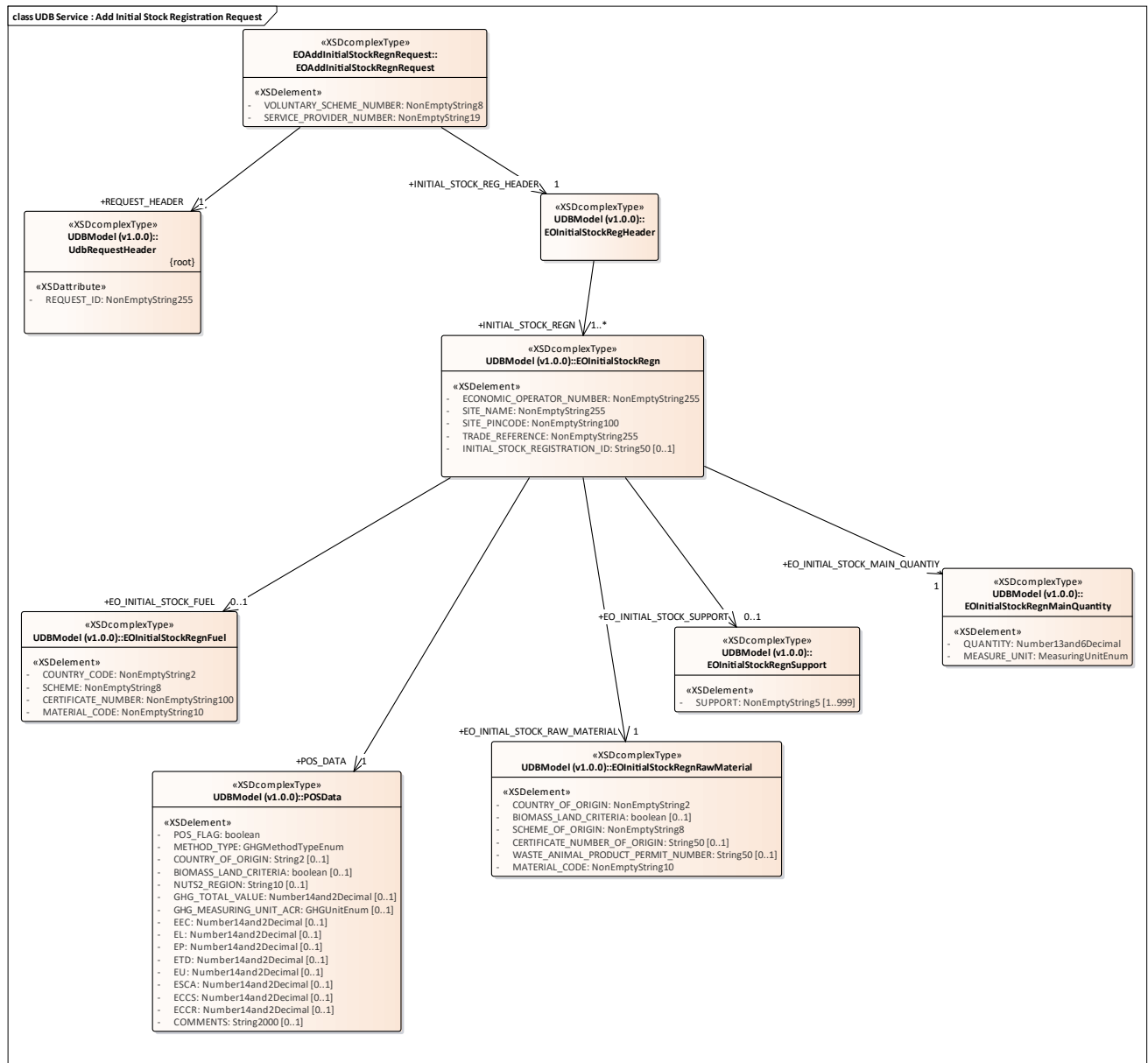


Figure 4: UDB Service : Add Initial Stock Registration Request

3.1.1.4 UDB Service : Add Initial Stock Registration Response diagram

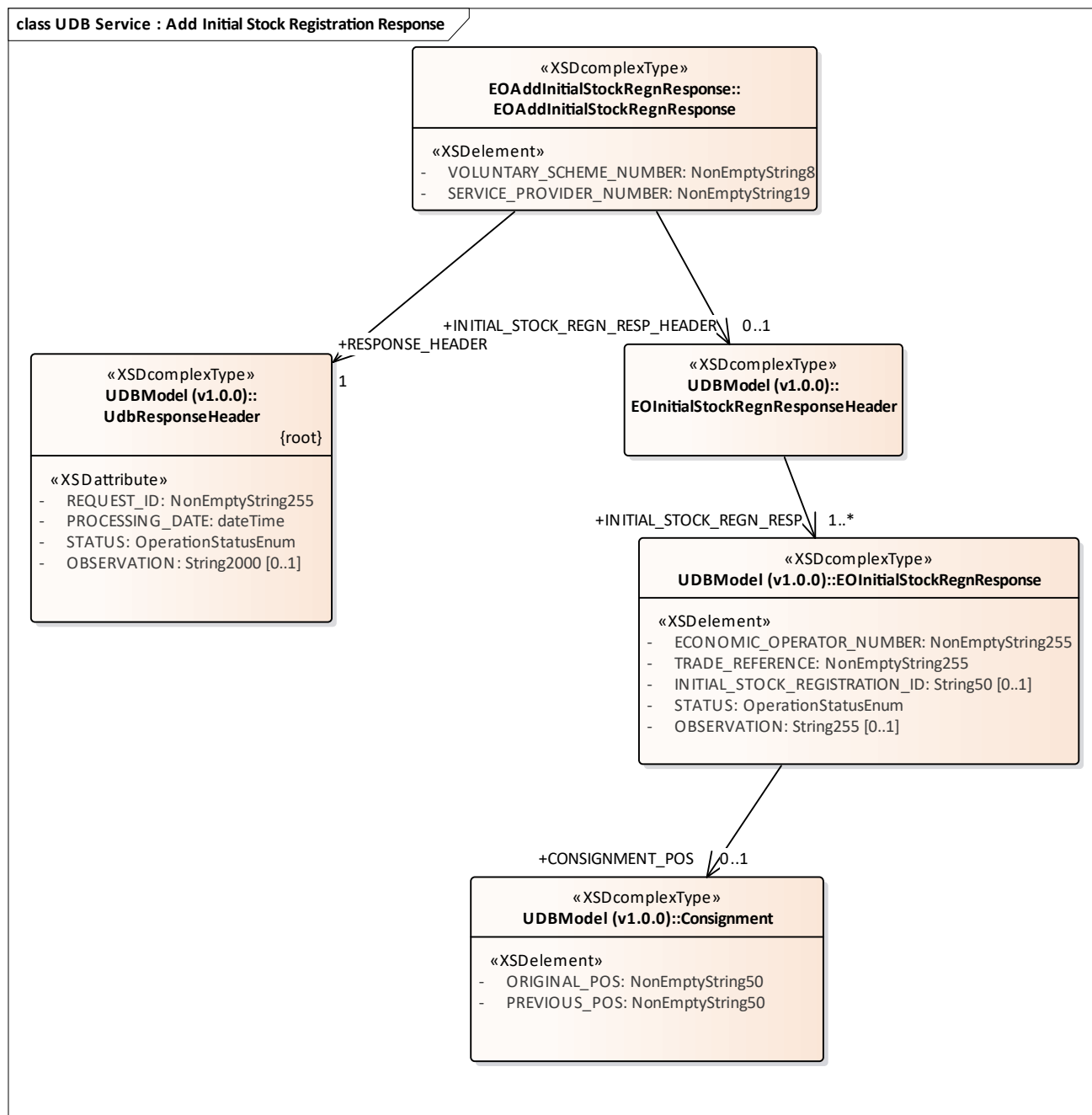


Figure 5: UDB Service : Add Initial Stock Registration Response

3.1.1.5 UDB Service : Add Material Processing Request diagram

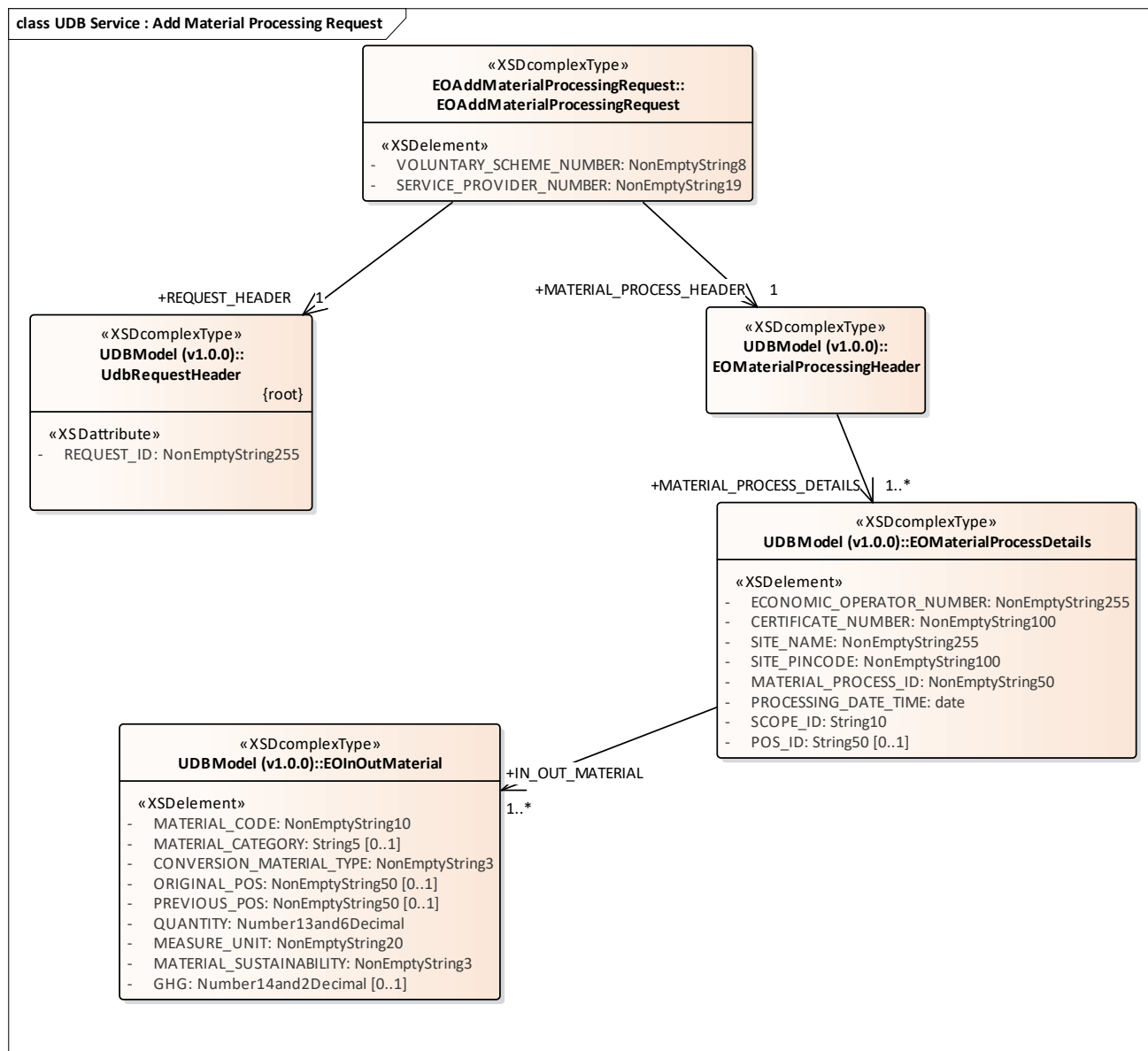


Figure 6: UDB Service : Add Material Processing Request

3.1.1.6 UDB Service : Add Material Processing Response diagram

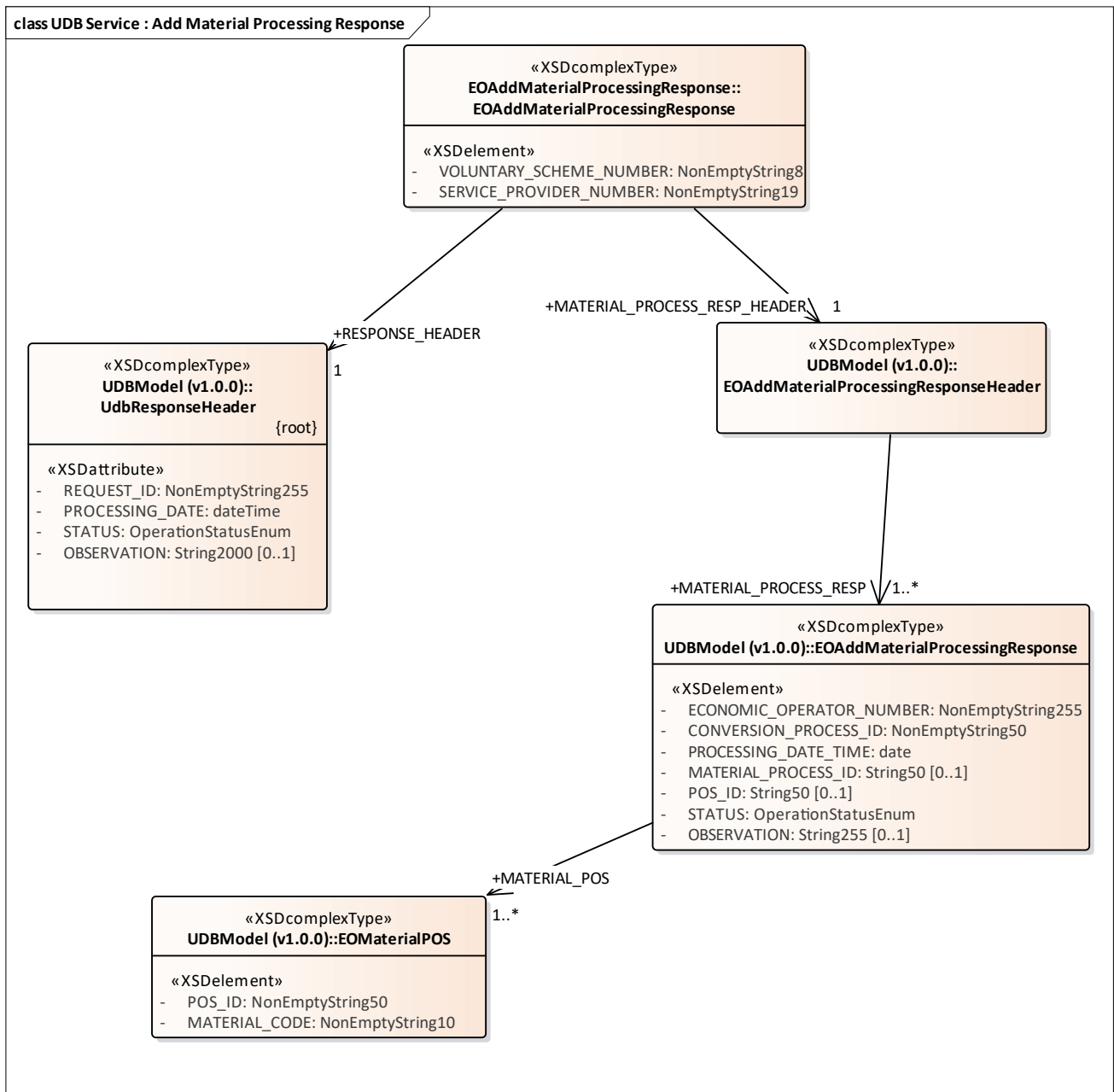
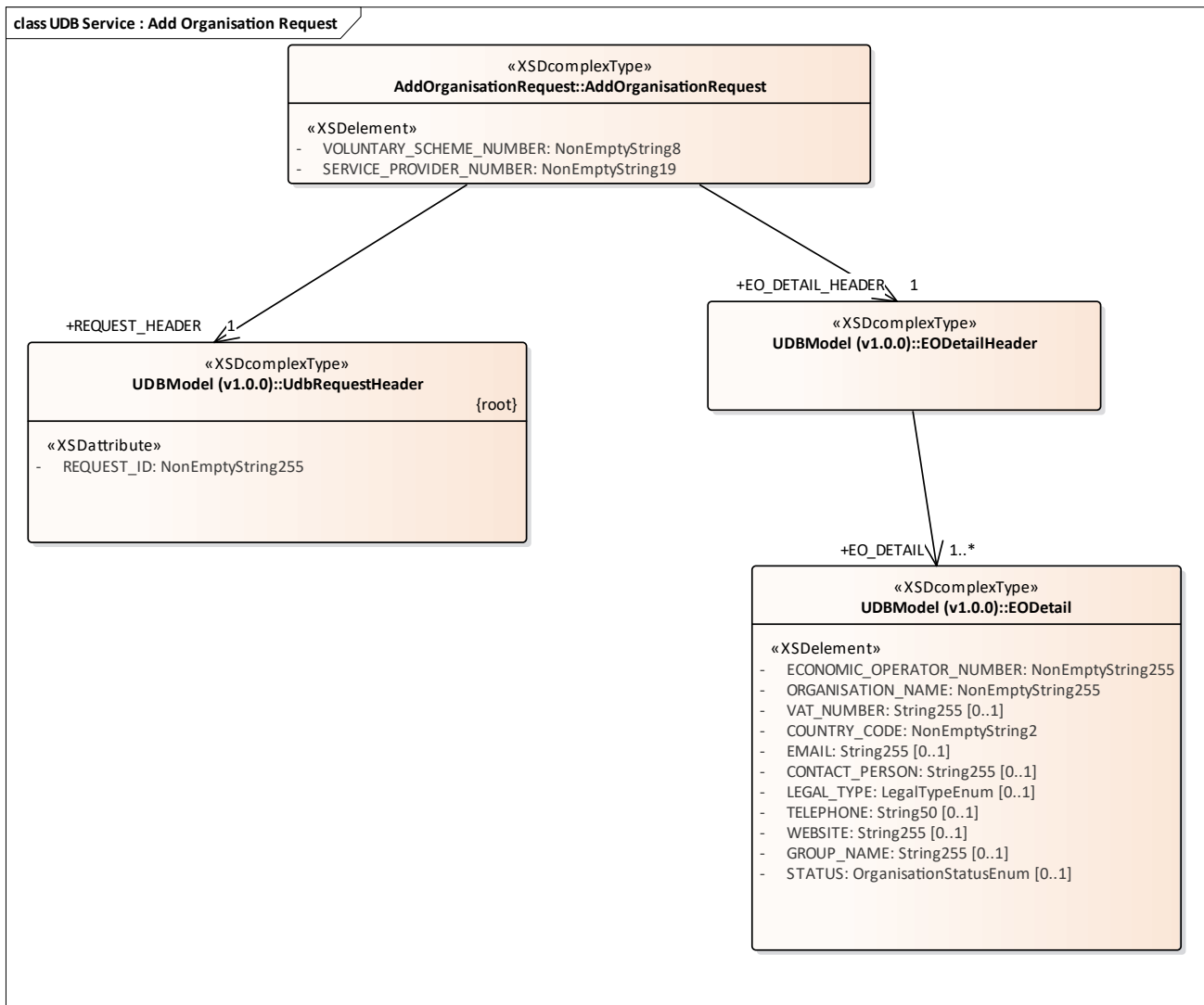


Figure 7: UDB Service : Add Material Processing Response

3.1.1.7 UDB Service : Add Organisation Request diagram



3.1.1.8 UDB Service : Add Organisation Response diagram

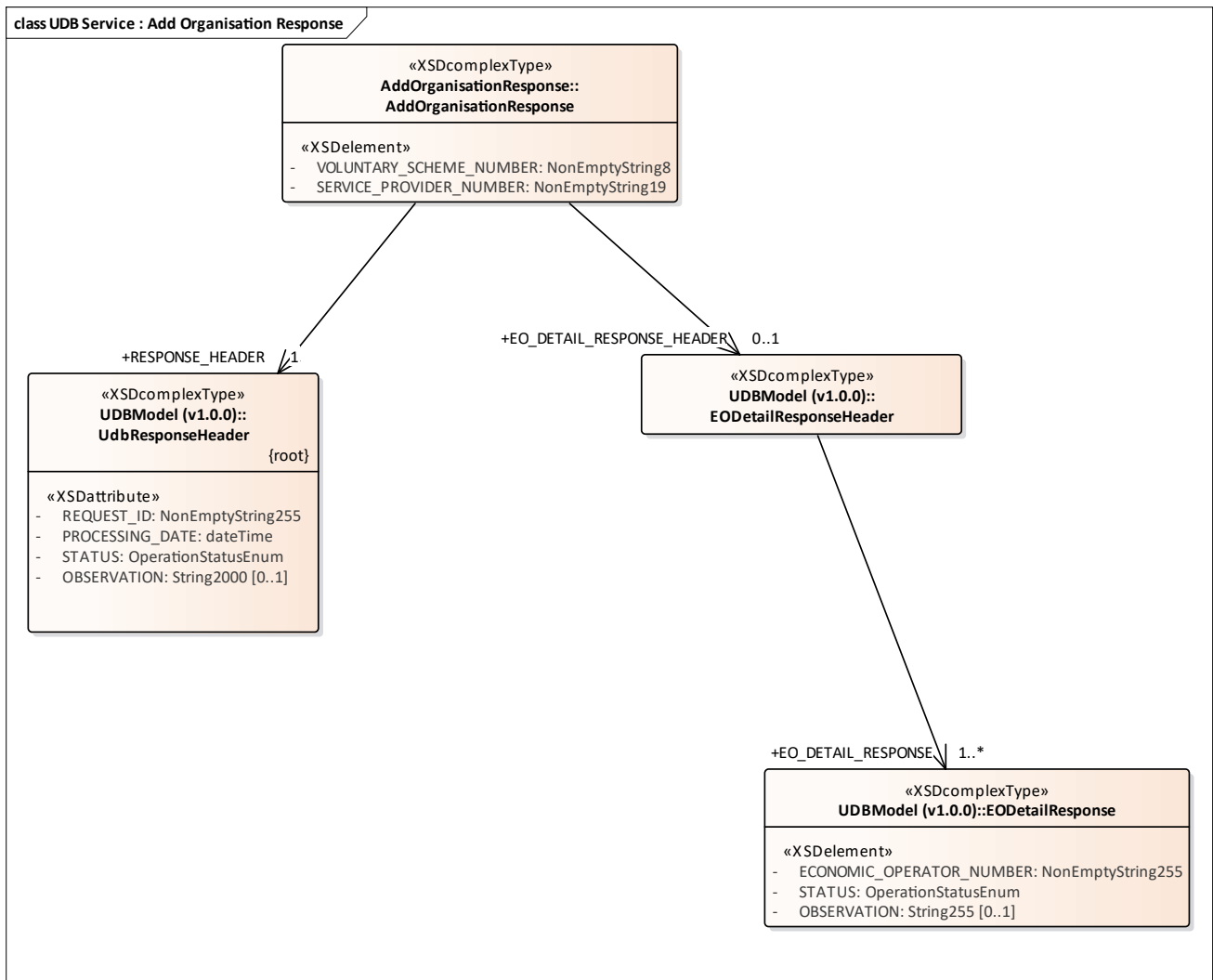


Figure 9: UDB Service : Add Organisation Response

3.1.1.9 UDB Service : Add Sourcing Contact Request diagram

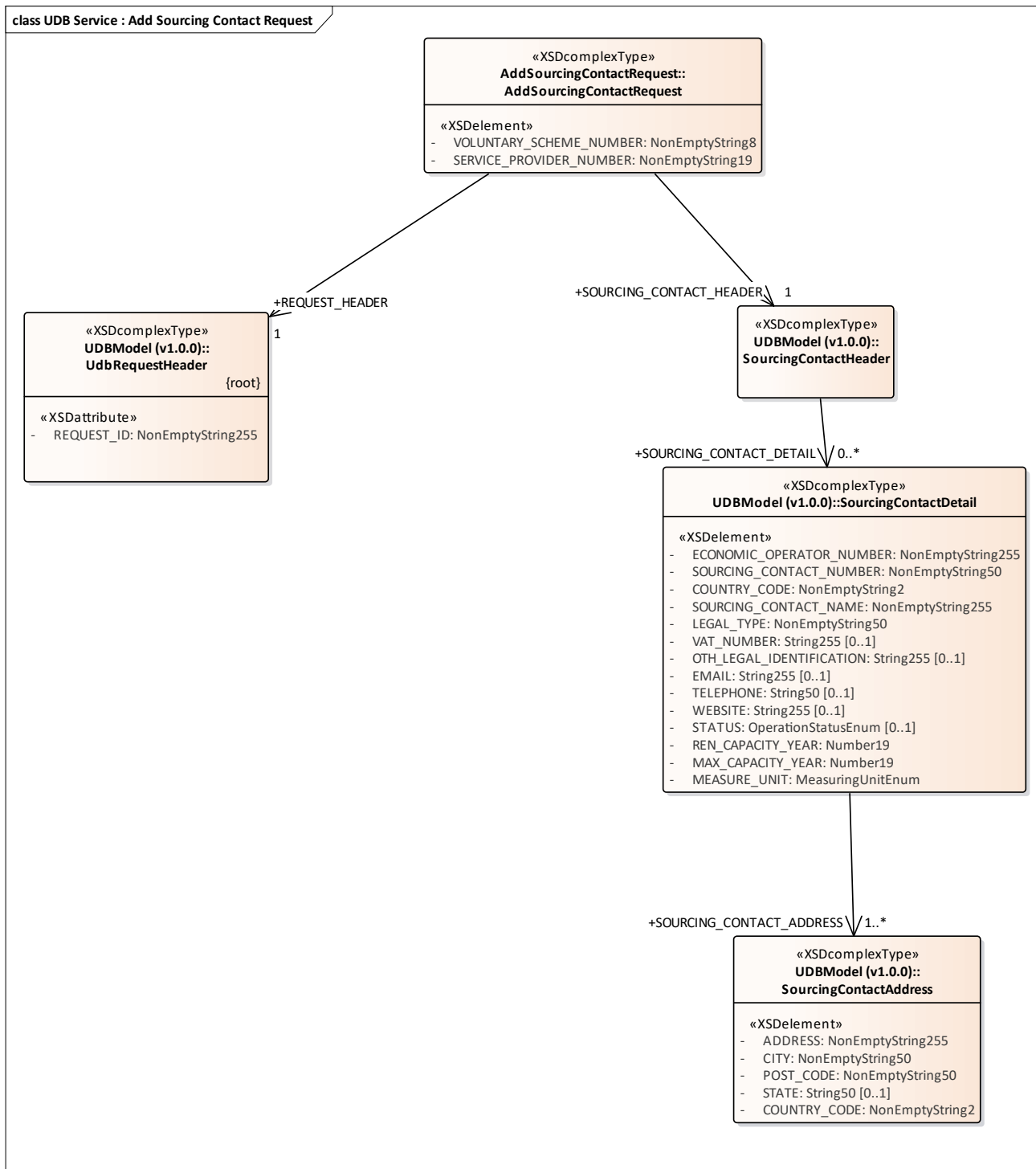


Figure 10: UDB Service : Add Sourcing Contact Request

3.1.1.10 UDB Service : Add Sourcing Contract Response diagram

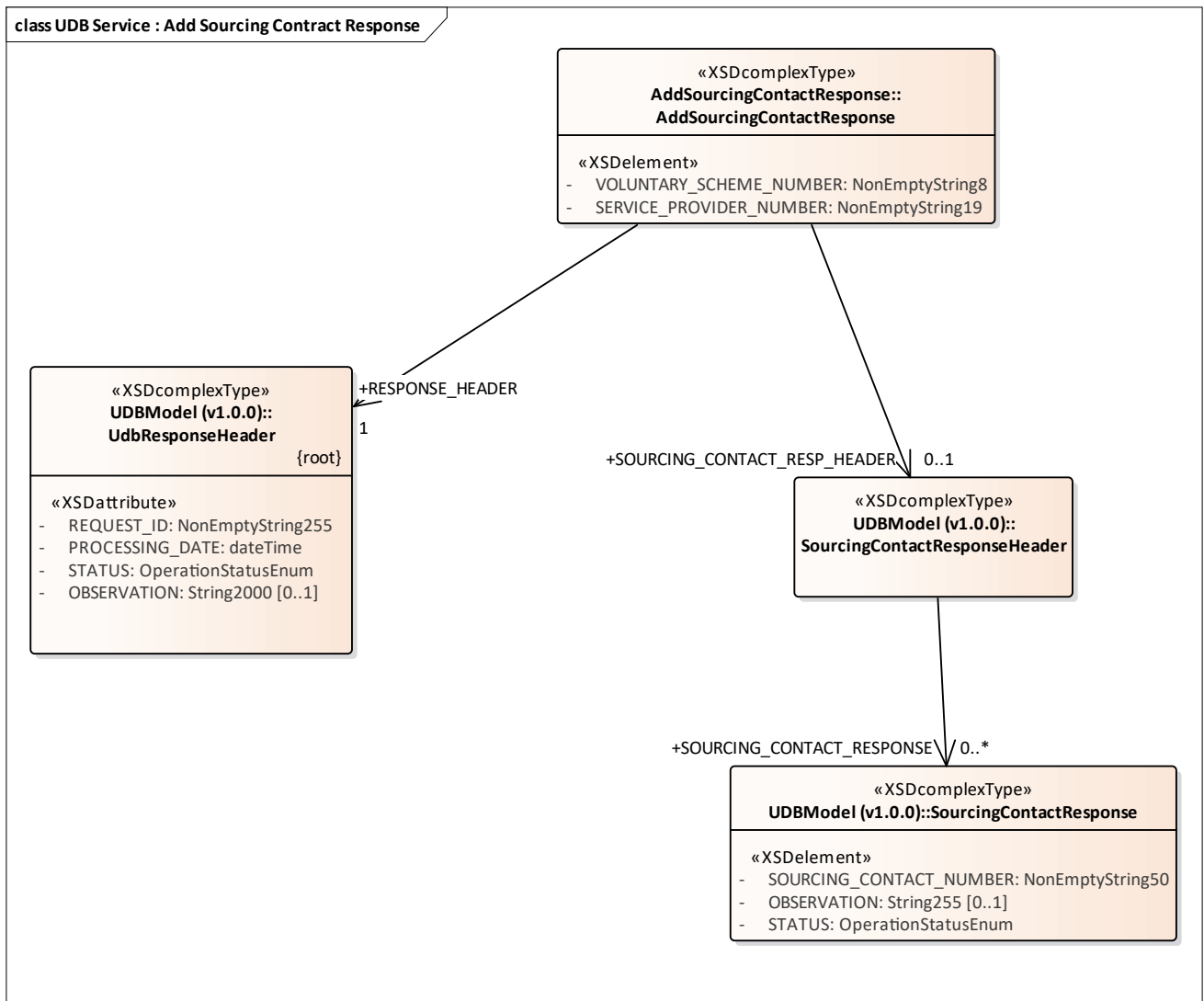


Figure 11: UDB Service : Add Sourcing Contract Response

3.1.1.11 UDB Service : Add Transaction Request diagram

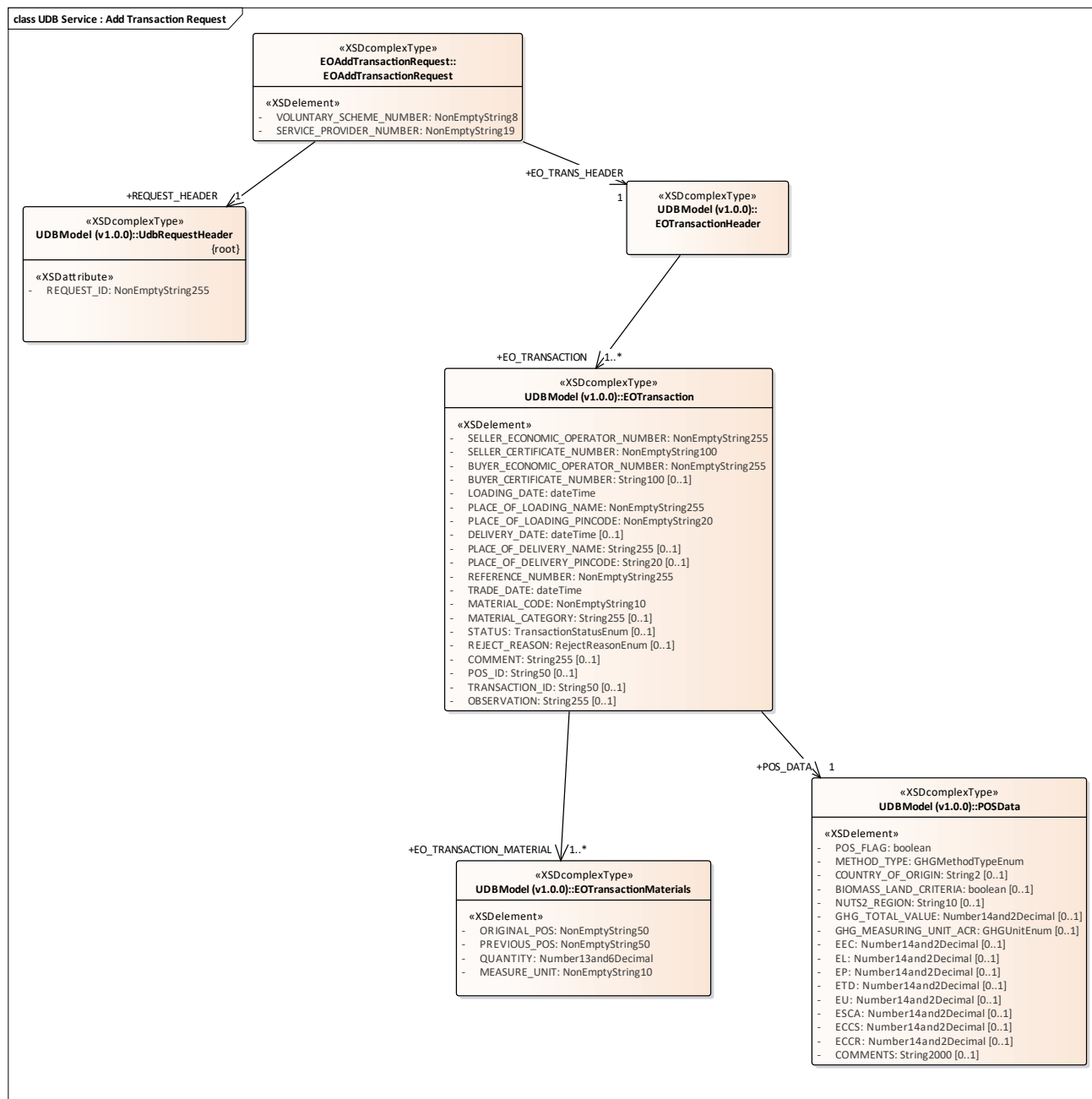


Figure 12: UDB Service : Add Transaction Request

3.1.1.12 UDB Service : Add Transaction Response diagram

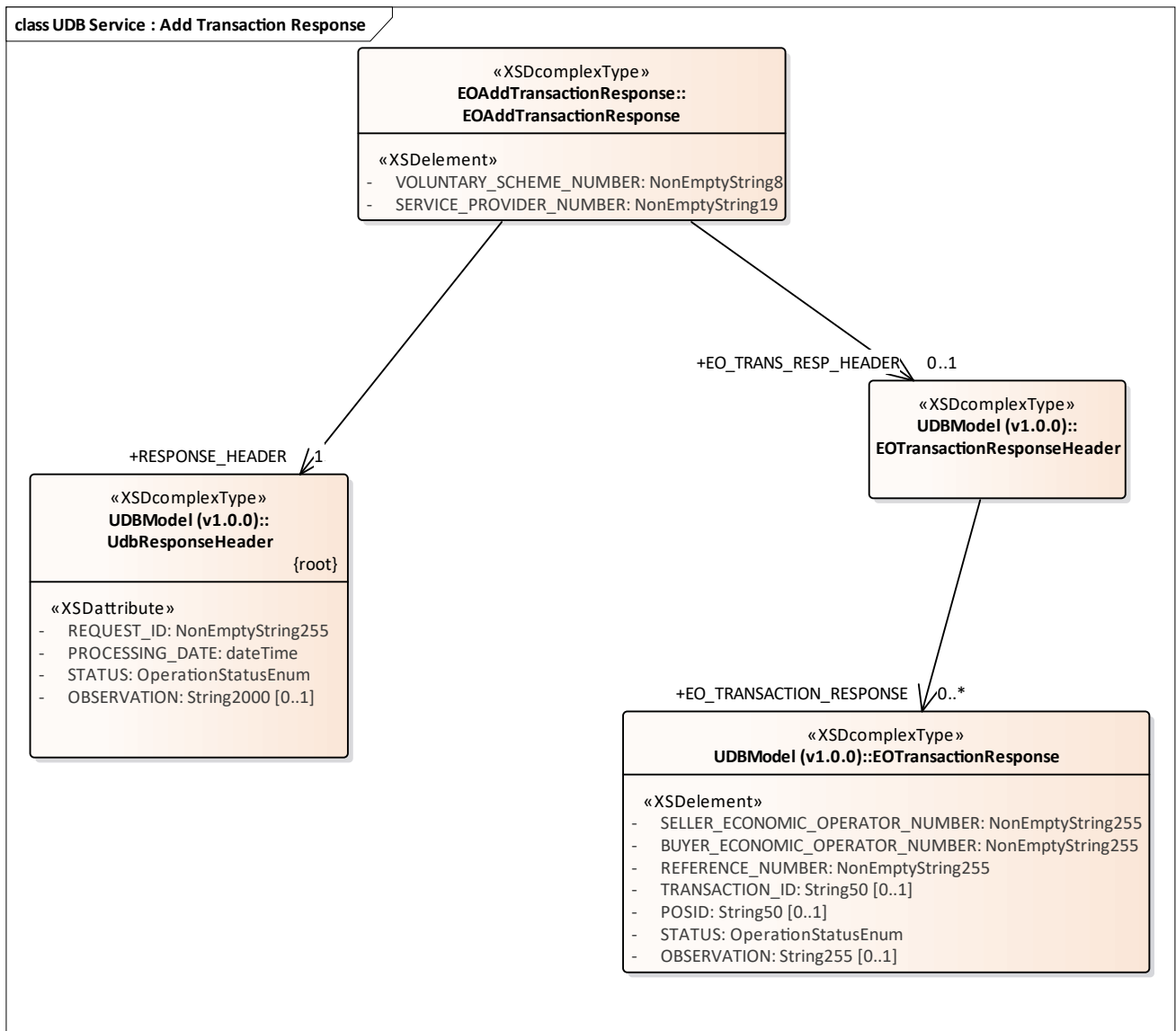


Figure 13: UDB Service : Add Transaction Response

3.1.1.13 UDB Service : Add Update Certificate Request diagram

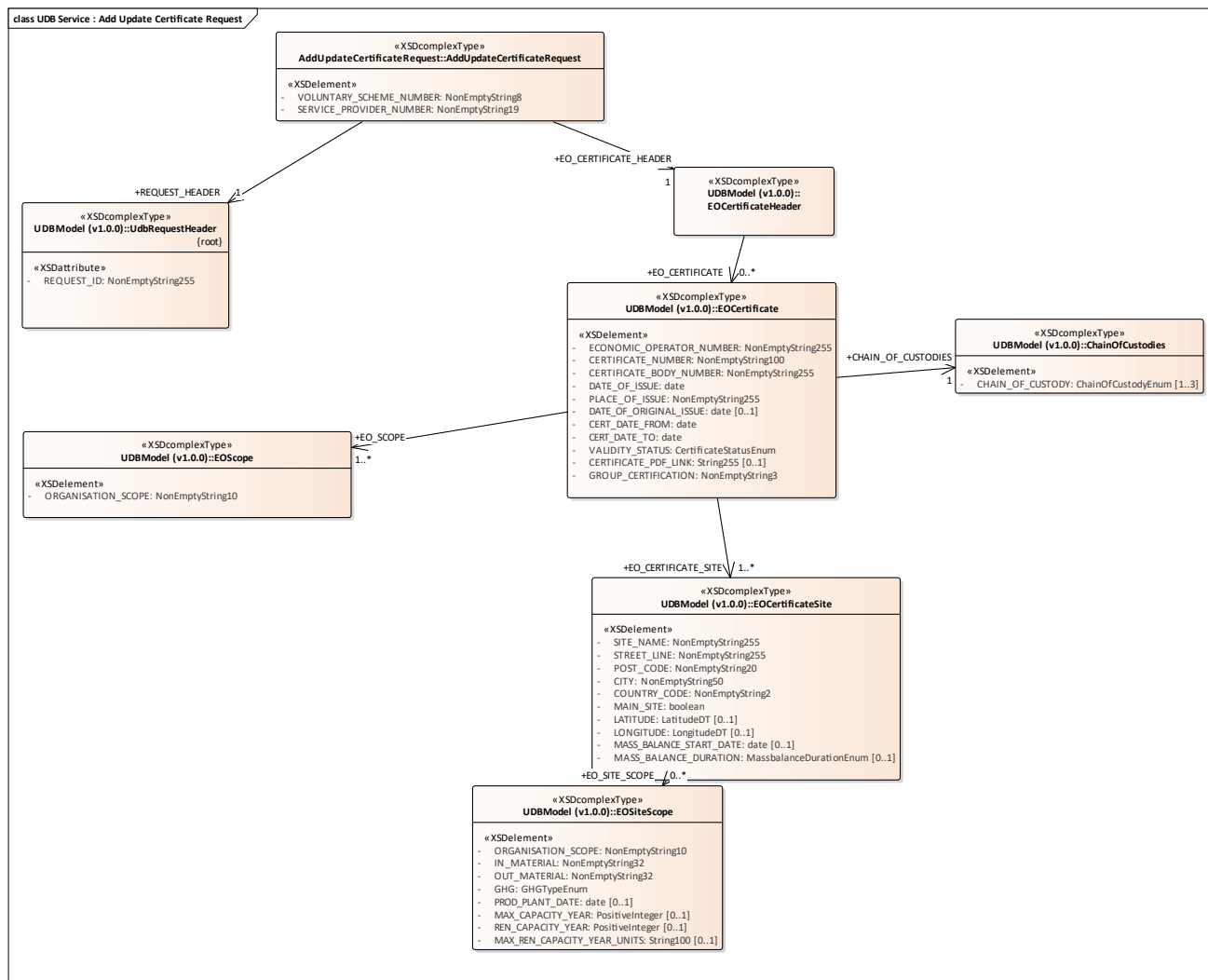


Figure 14: UDB Service : Add Update Certificate Request

3.1.1.14 UDB Service : Add Update Certificate Response diagram

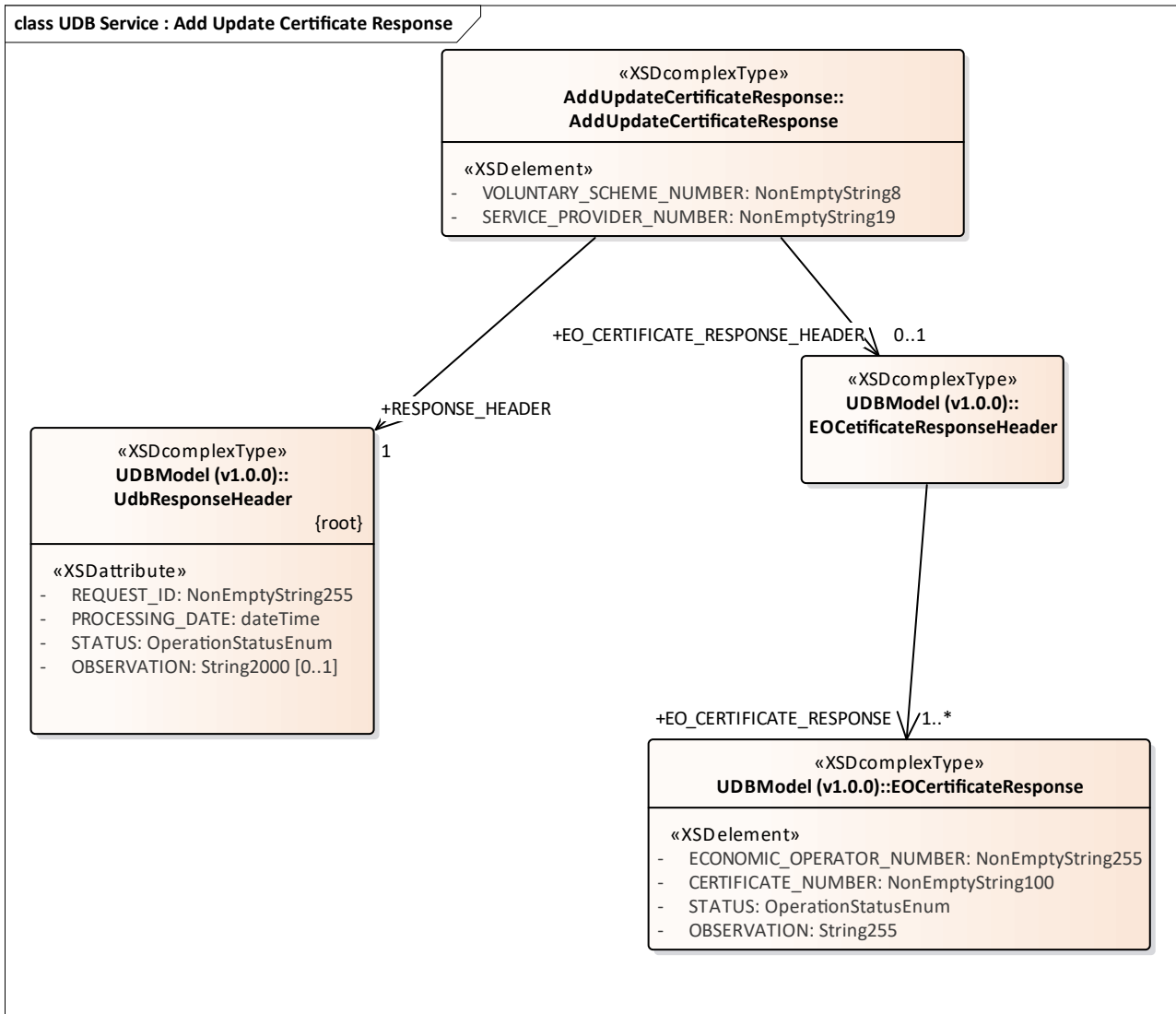


Figure 15: UDB Service : Add Update Certificate Response

3.1.1.15 UDB Service : Confirm Transaction Request diagram

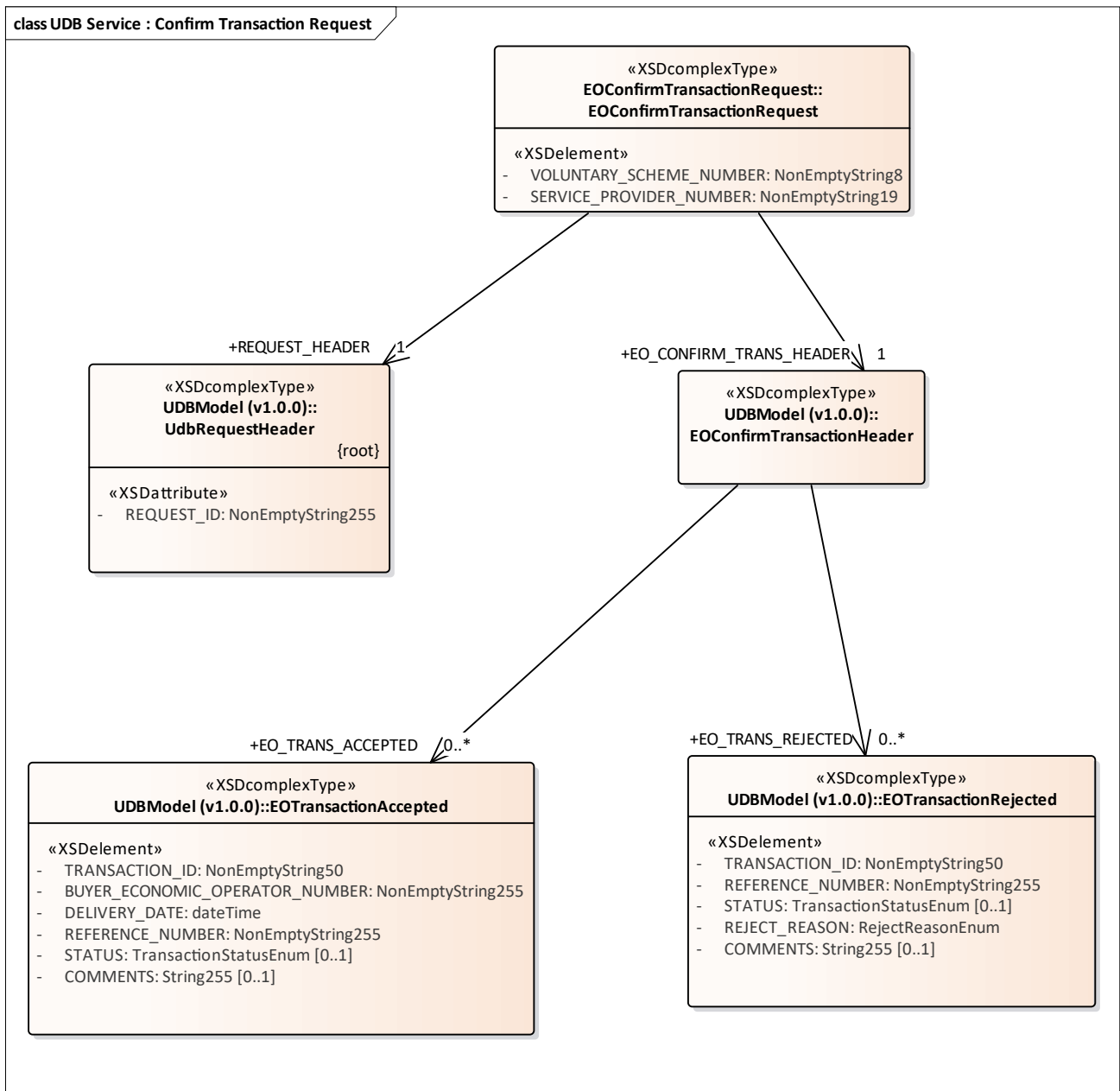


Figure 16: UDB Service : Confirm Transaction Request

3.1.1.16 UDB Service : Confirm Transaction Response diagram

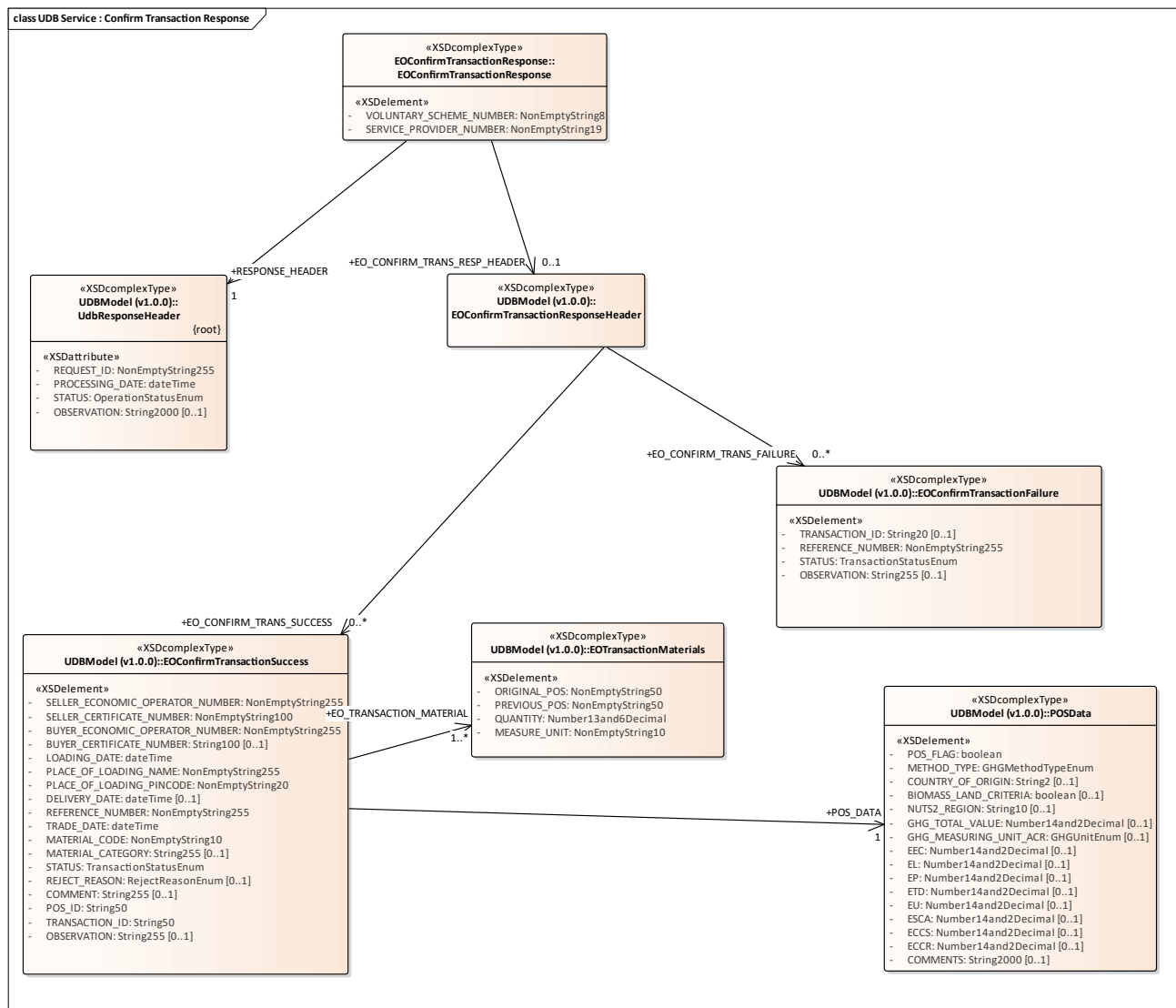


Figure 17: UDB Service : Confirm Transaction Response

3.1.1.17 UDB Service : Error Response diagram

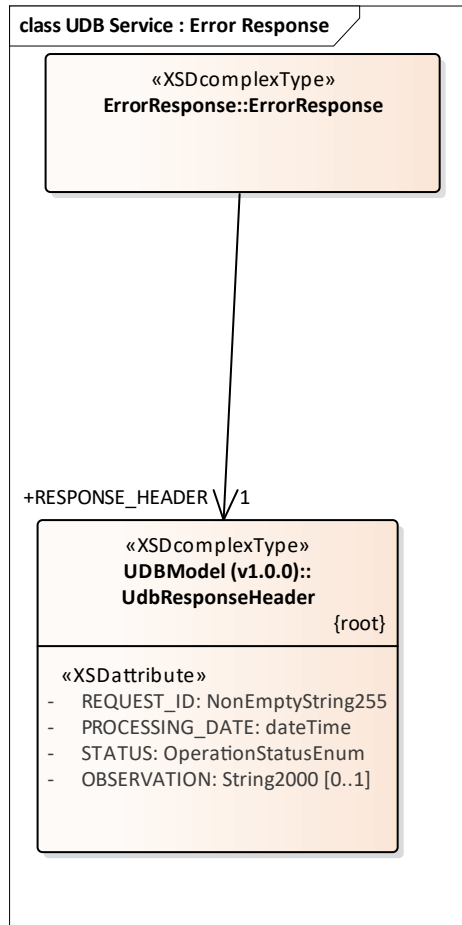
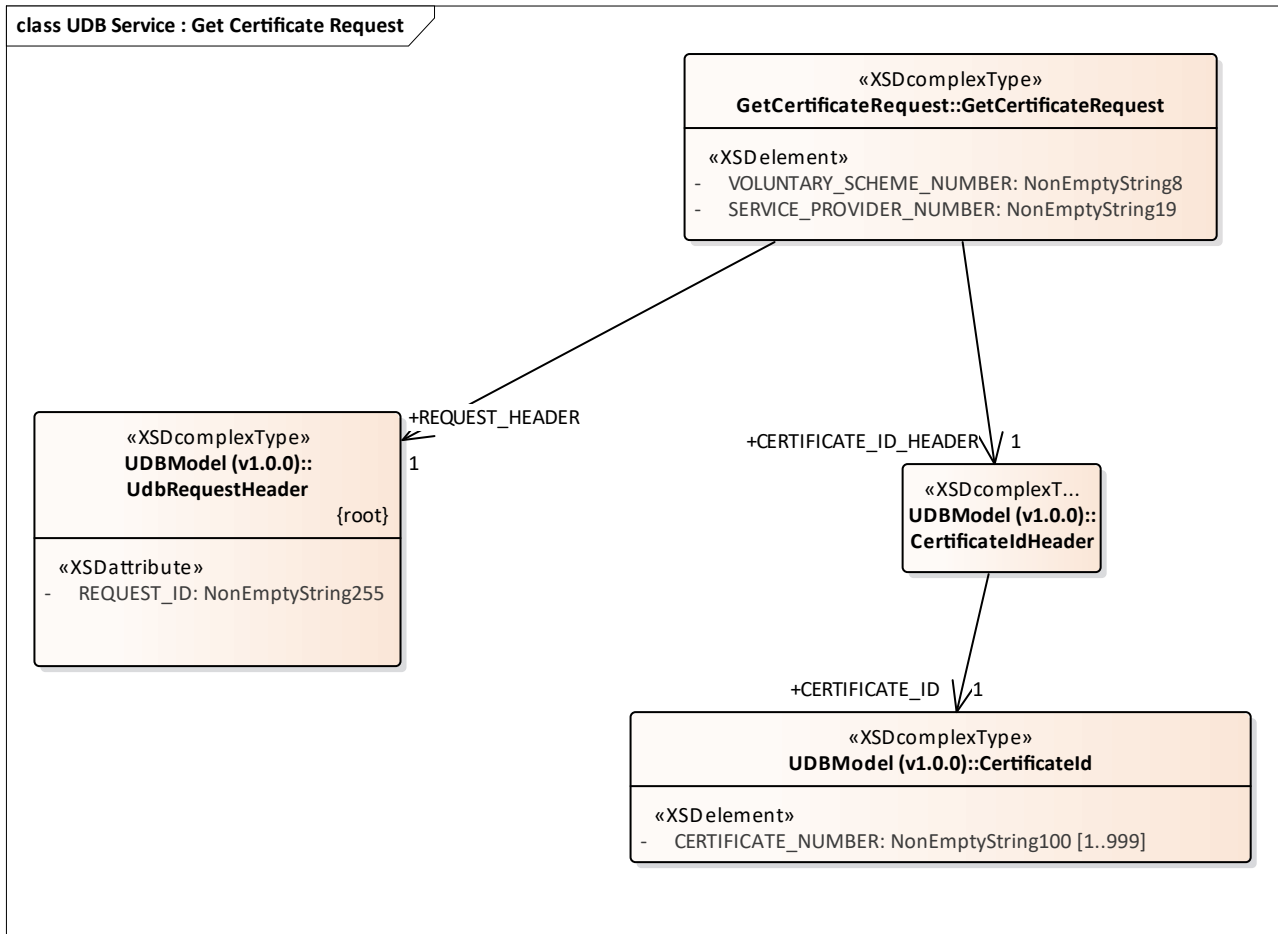


Figure 18: UDB Service : Error Response

3.1.1.18 UDB Service : Get Certificate Request diagram



3.1.1.19 UDB Service : Get Certificate Response diagram

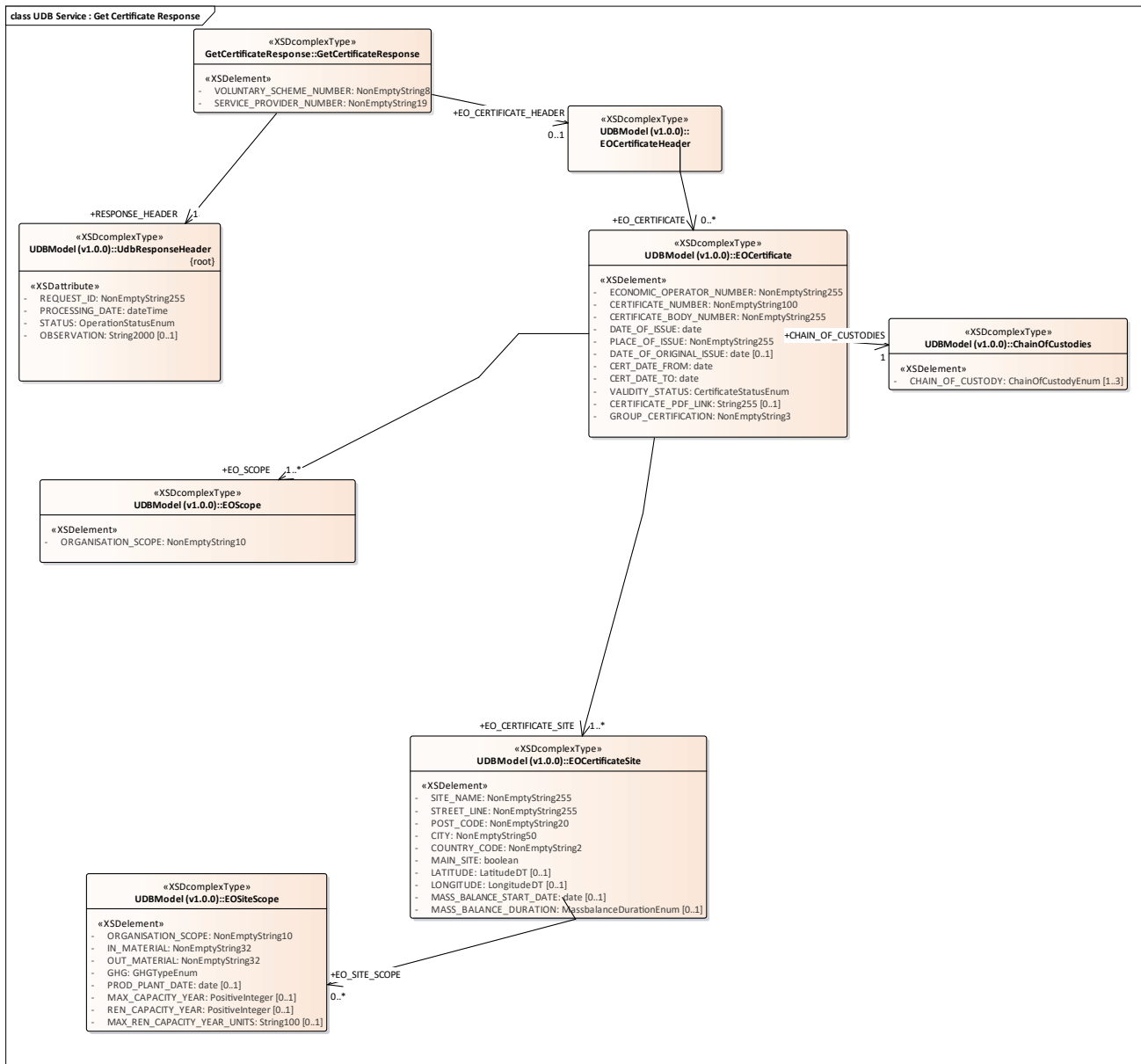


Figure 20: UDB Service : Get Certificate Response

3.1.1.20 UDB Service : Get Gas Injection : Request diagram

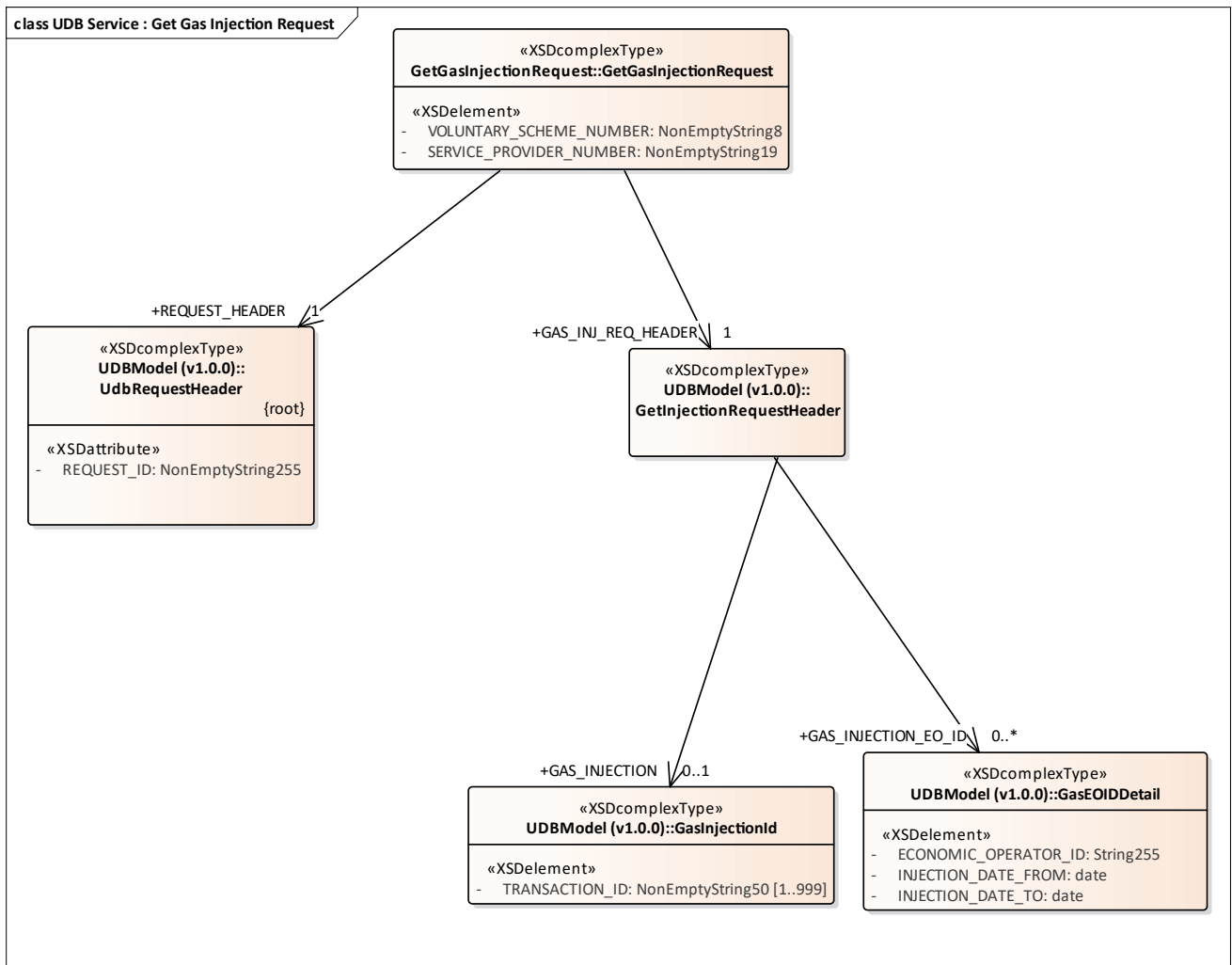


Figure 21: UDB Service : Get Gas Injection Request

3.1.1.21 UDB Service : Get Gas Injection Response diagram

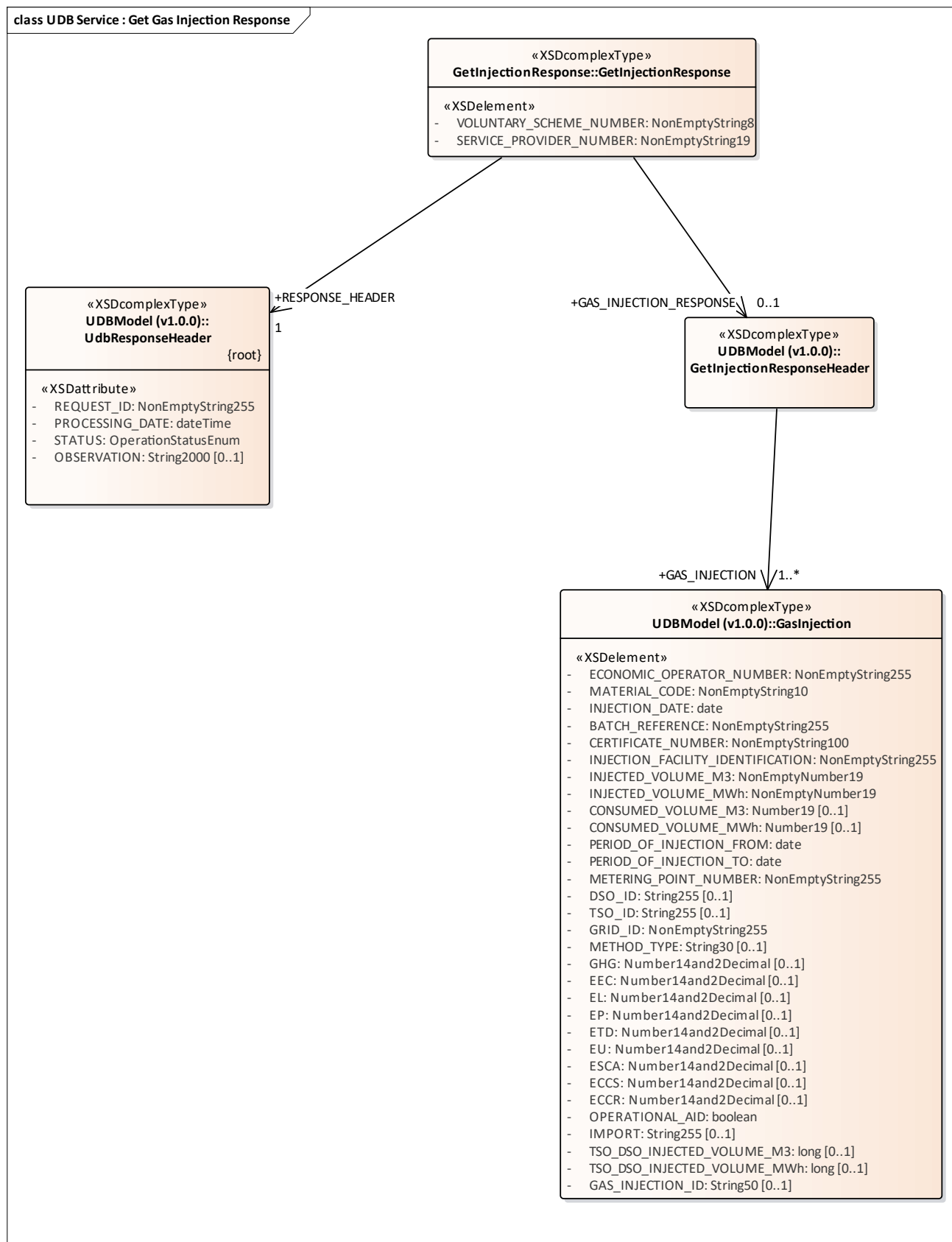


Figure 22: UDB Service : Get Gas Injection Response

3.1.1.22 UDB Service : Get Material Process List Request diagram

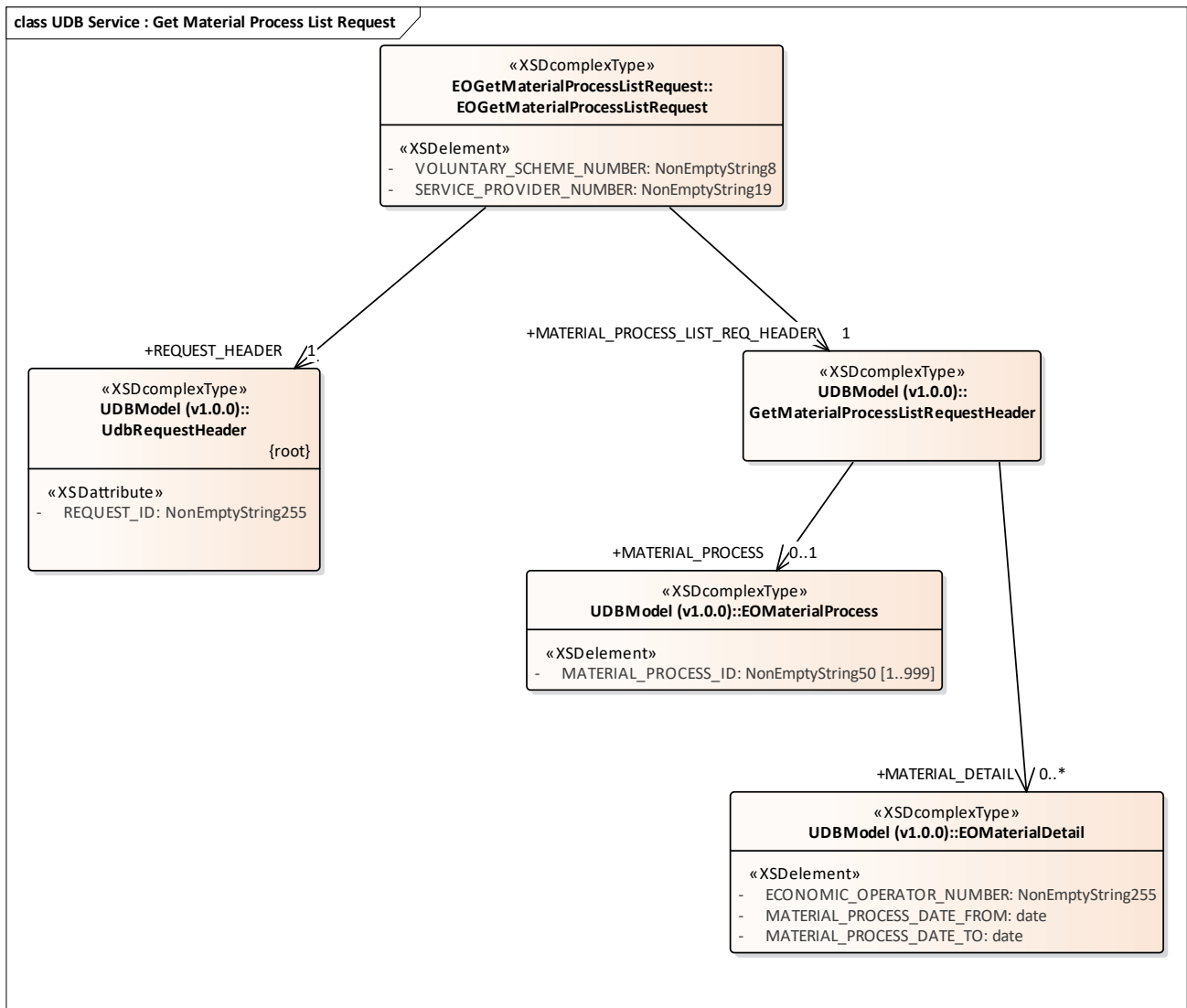
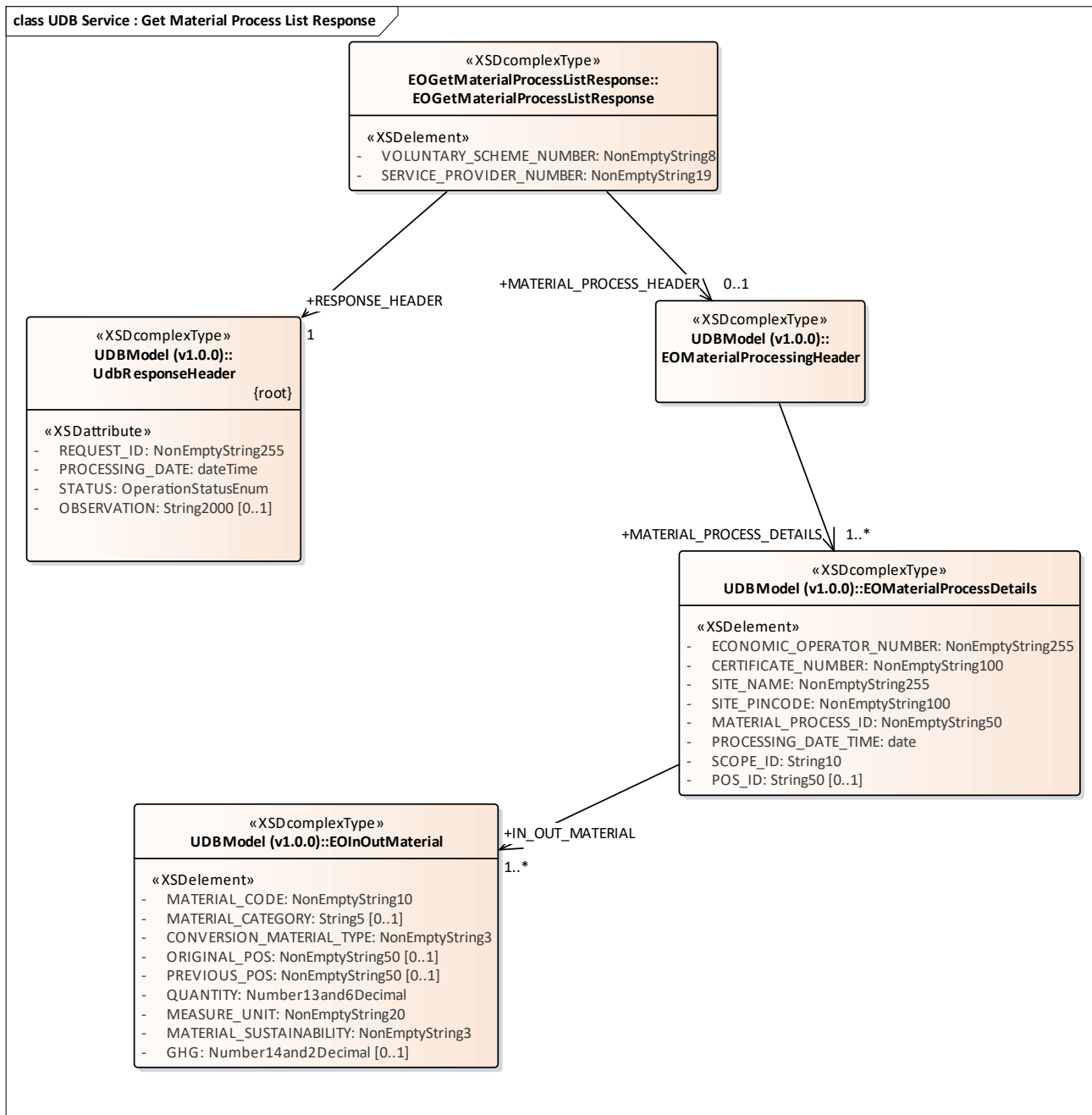


Figure 23: UDB Service : Get Material Process List Request

3.1.1.23 UDB Service : Get Material Process List Response diagram



3.1.1.24 UDB Service : Get POS List Request diagram

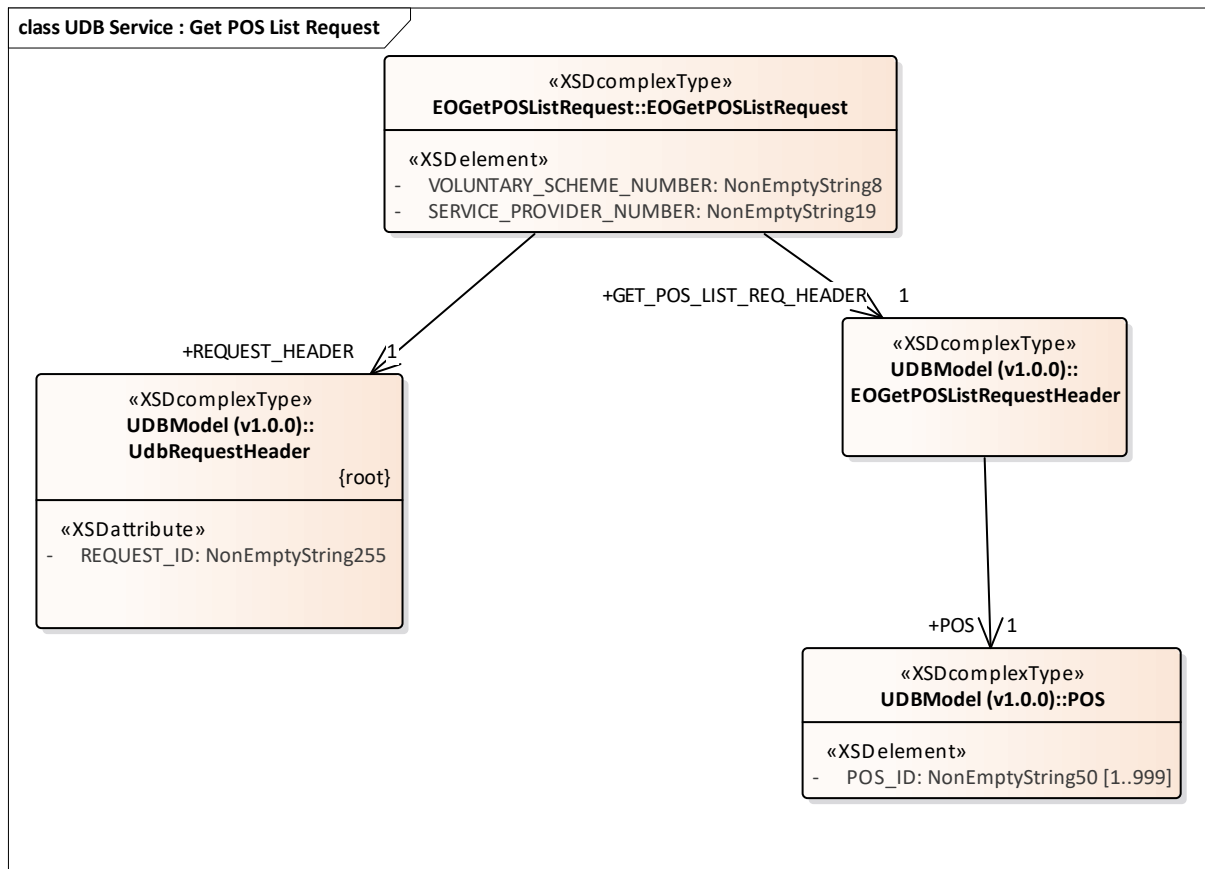


Figure 25: UDB Service : Get POS List Request

3.1.1.25 UDB Service : Get POS List Response diagram

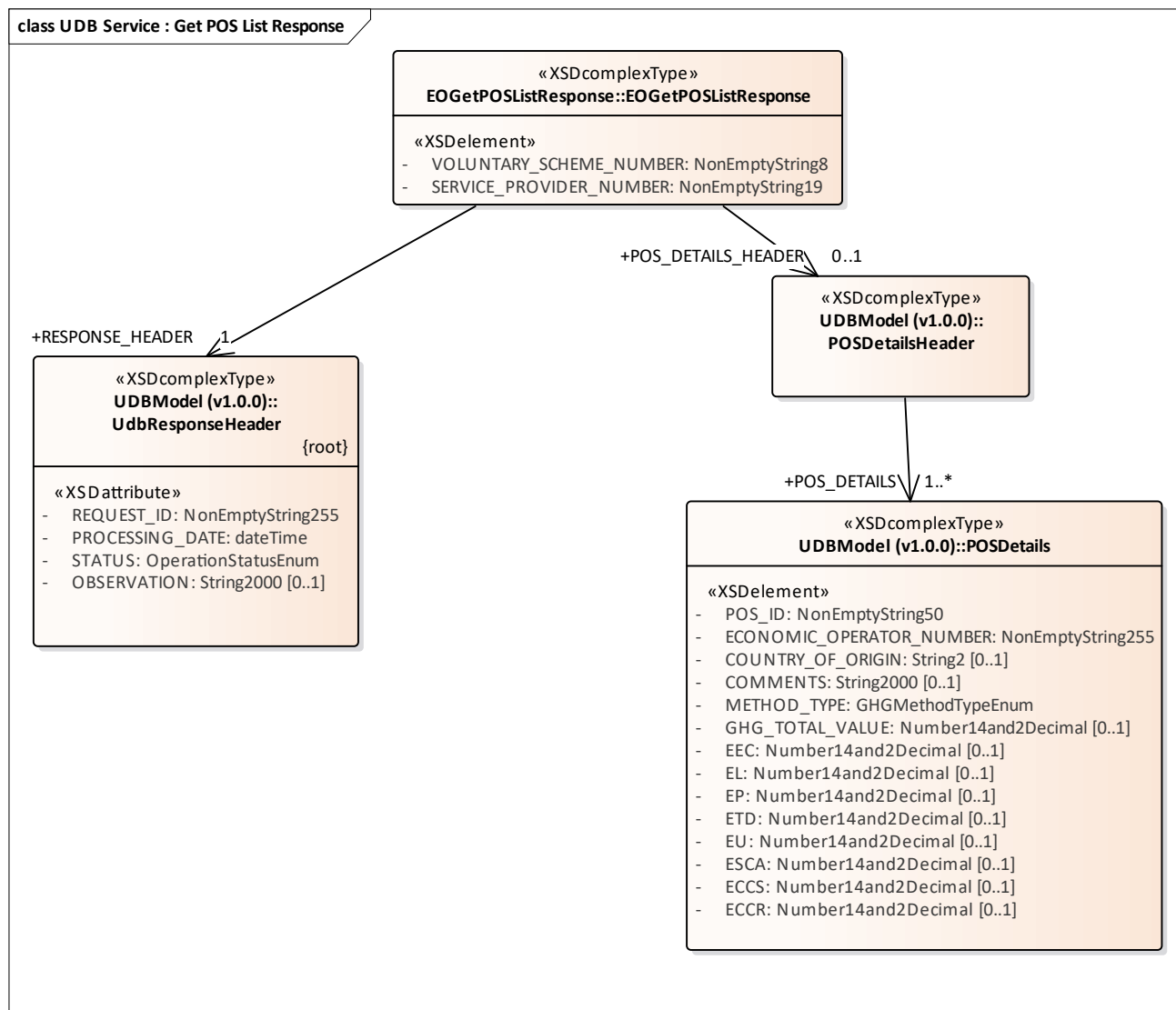


Figure 26: UDB Service : Get POS List Response

3.1.1.26 UDB Service : Get Transaction Request diagram

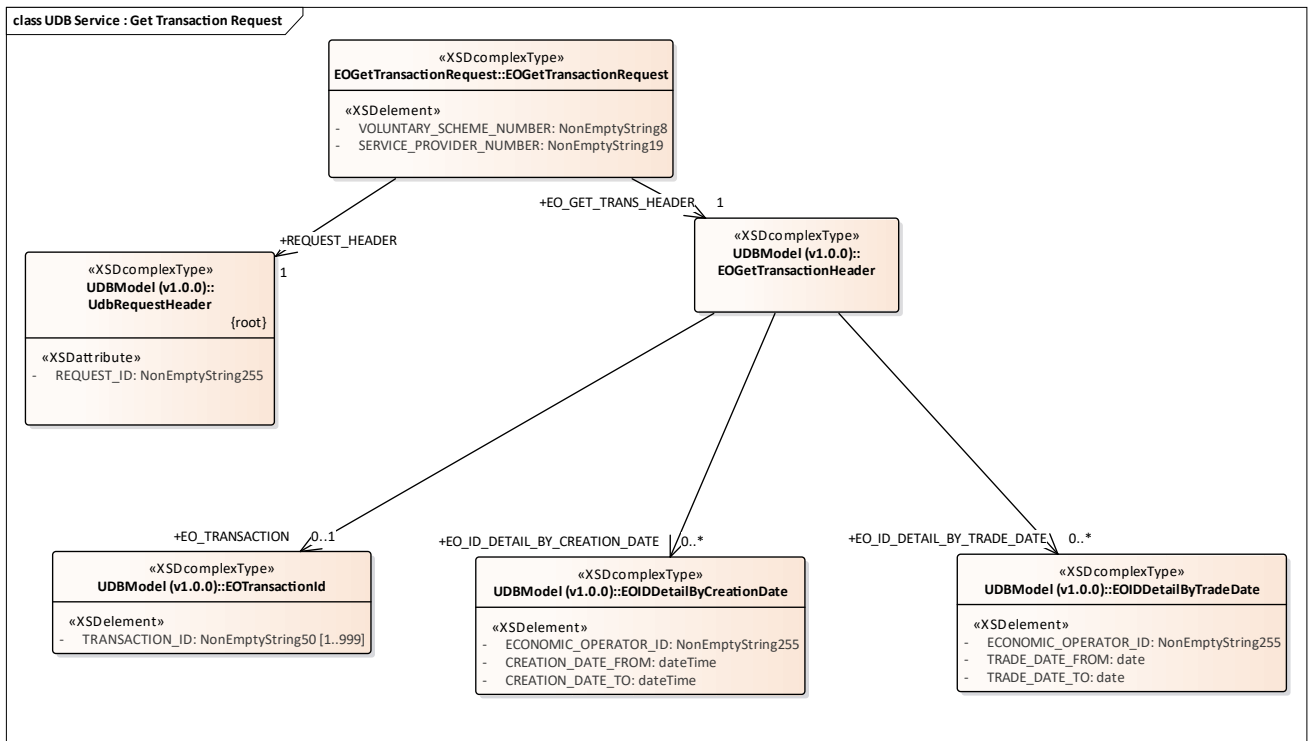


Figure 27: UDB Service : Get Transaction Request

3.1.1.27 UDB Service : Get Transaction Response diagram

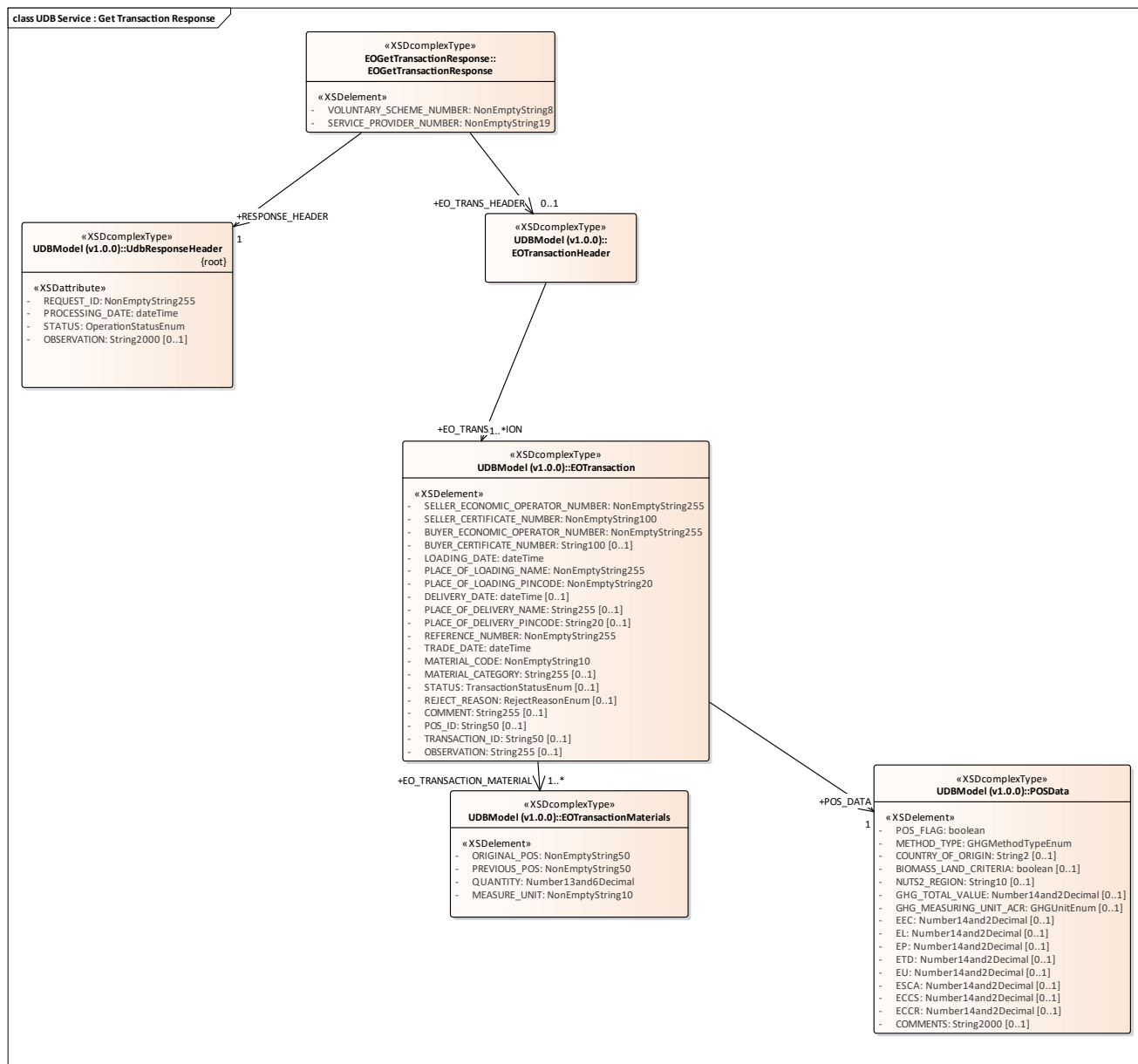


Figure 28: UDB Service : Get Transaction Response

3.1.1.28 UDB Service : Transaction Buyer Notification diagram

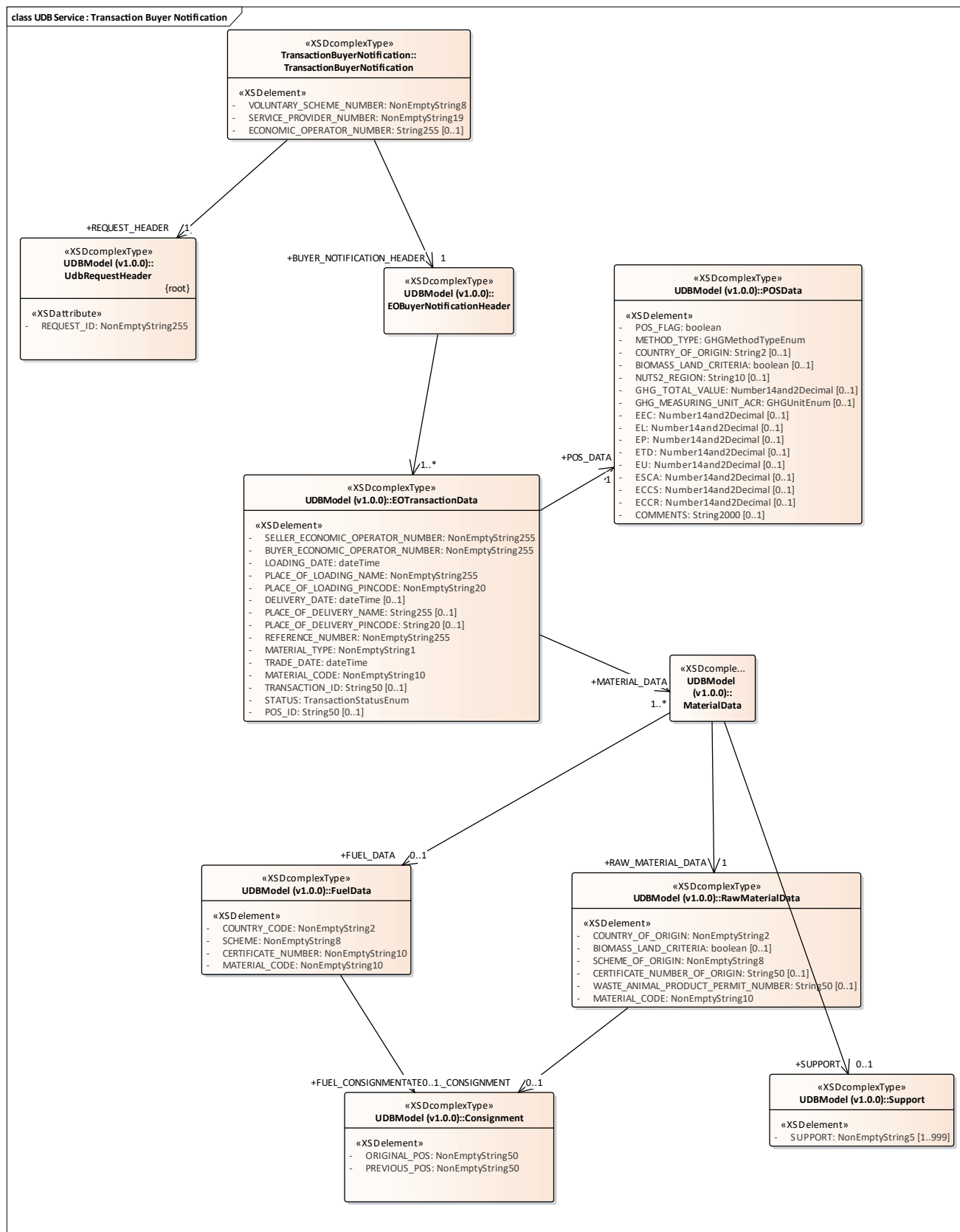


Figure 29: UDB Service : Transaction Buyer Notification

3.1.1.29 UDB Service : Transaction Seller Notification diagram

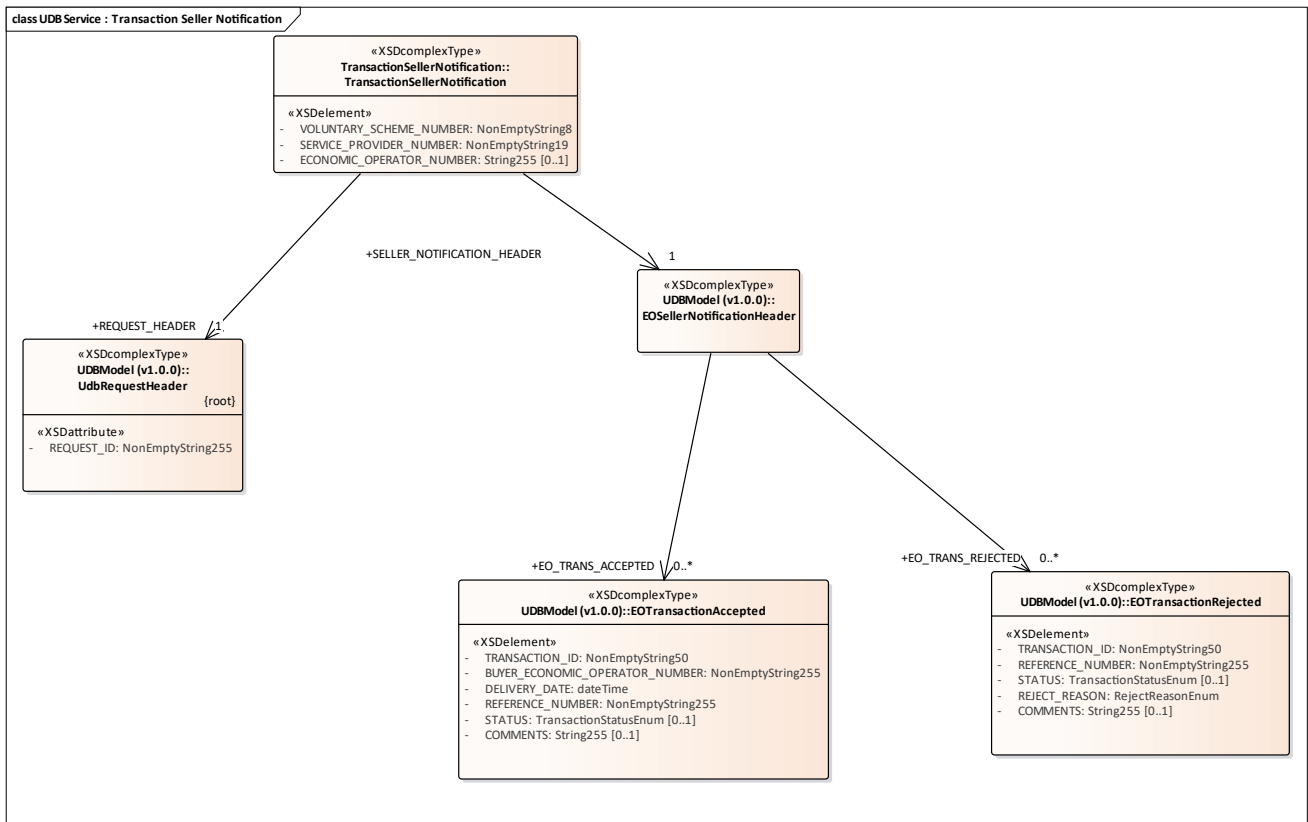


Figure 30: UDB Service : Transaction Seller Notification

3.1.1.30 UDB Service : Update Gas Sustainability Request diagram

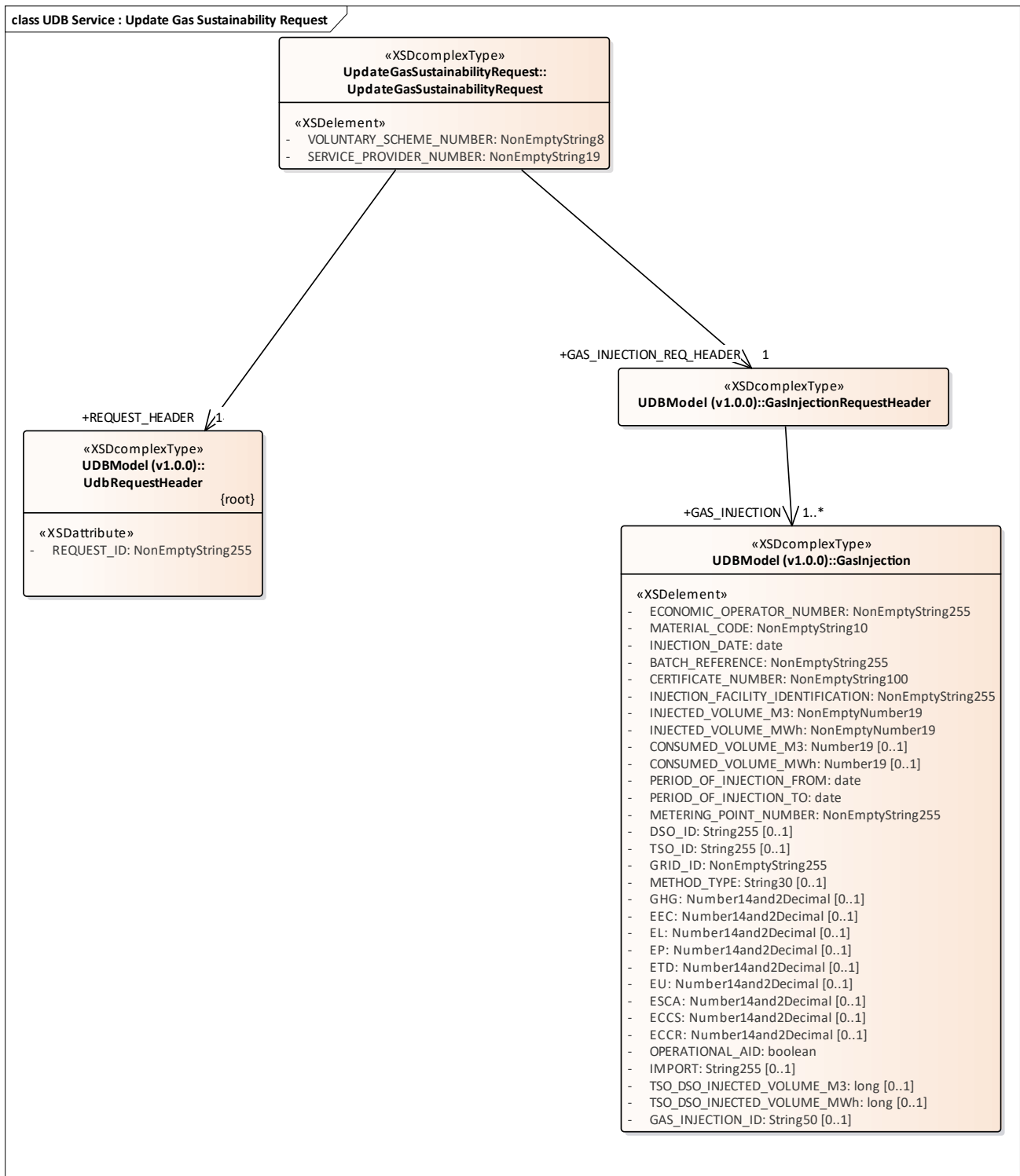


Figure 31: UDB Service : Update Gas Sustainability Request

3.1.1.31 UDB Service : Update Gas Sustainability Response diagram

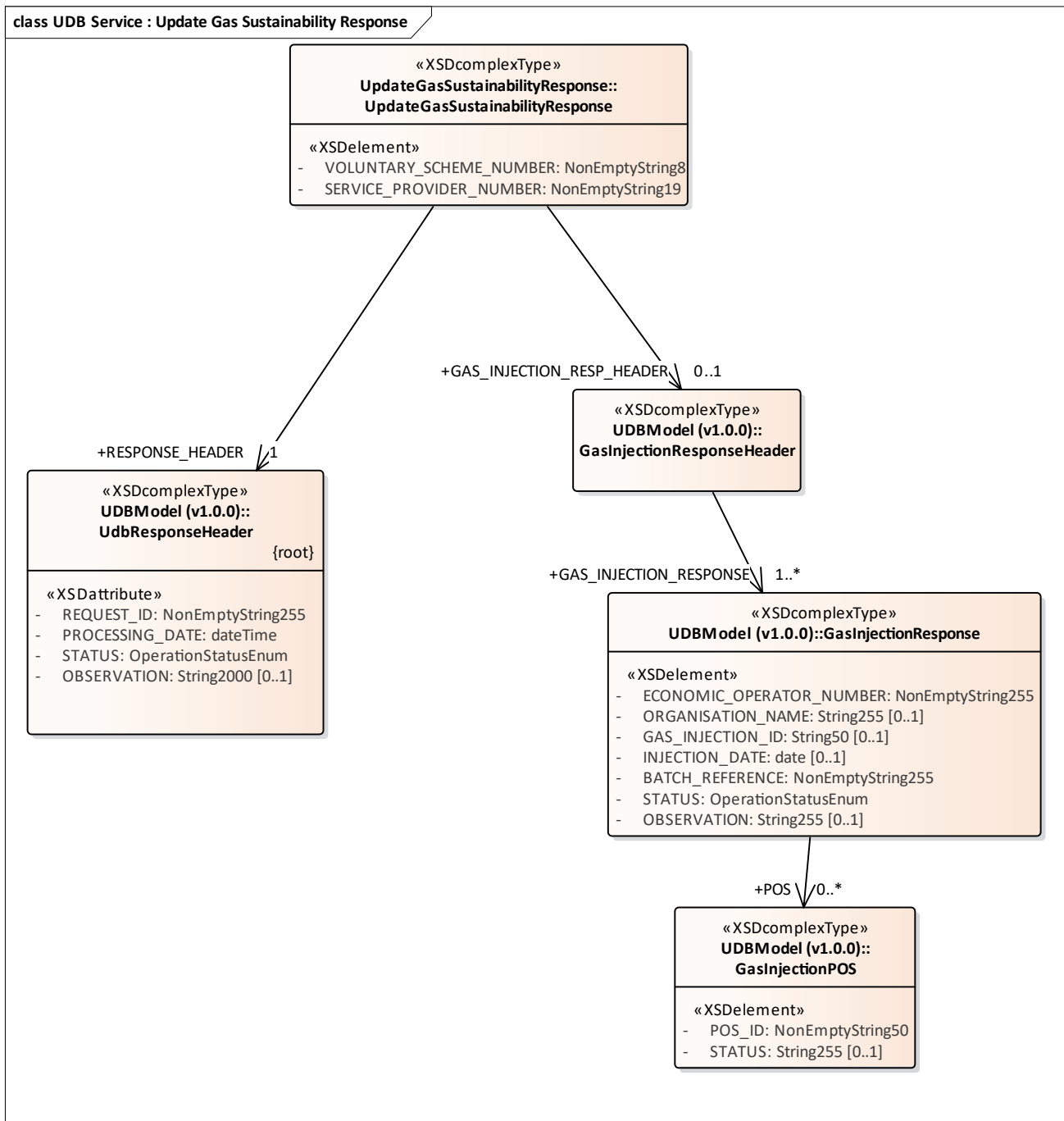


Figure 32: UDB Service : Update Gas Sustainability Response

3.1.1.32 UDB Service : Update POS Request diagram

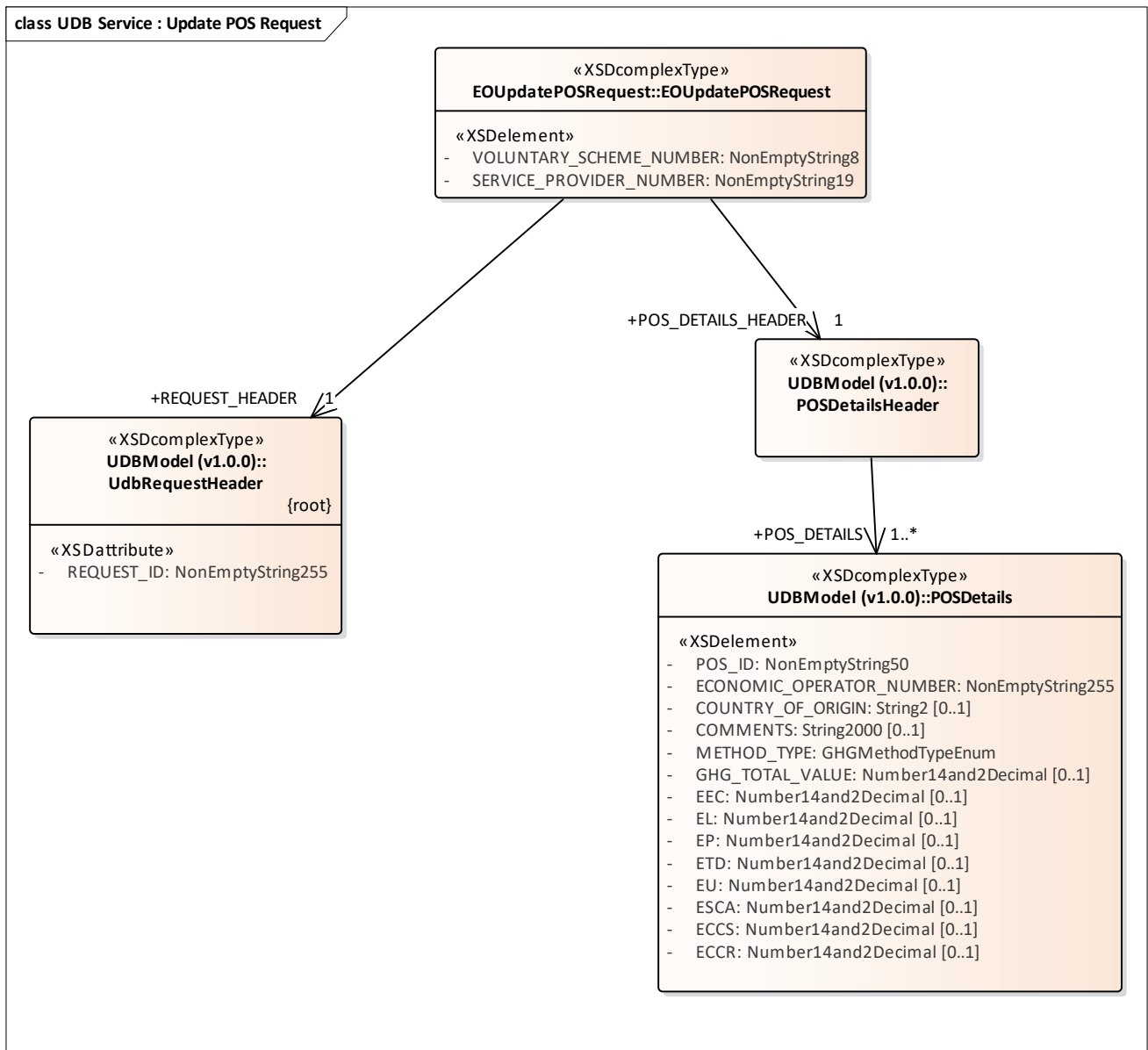


Figure 33: UDB Service : Update POS Request

3.1.1.33 UDB Service : Update POS Response diagram

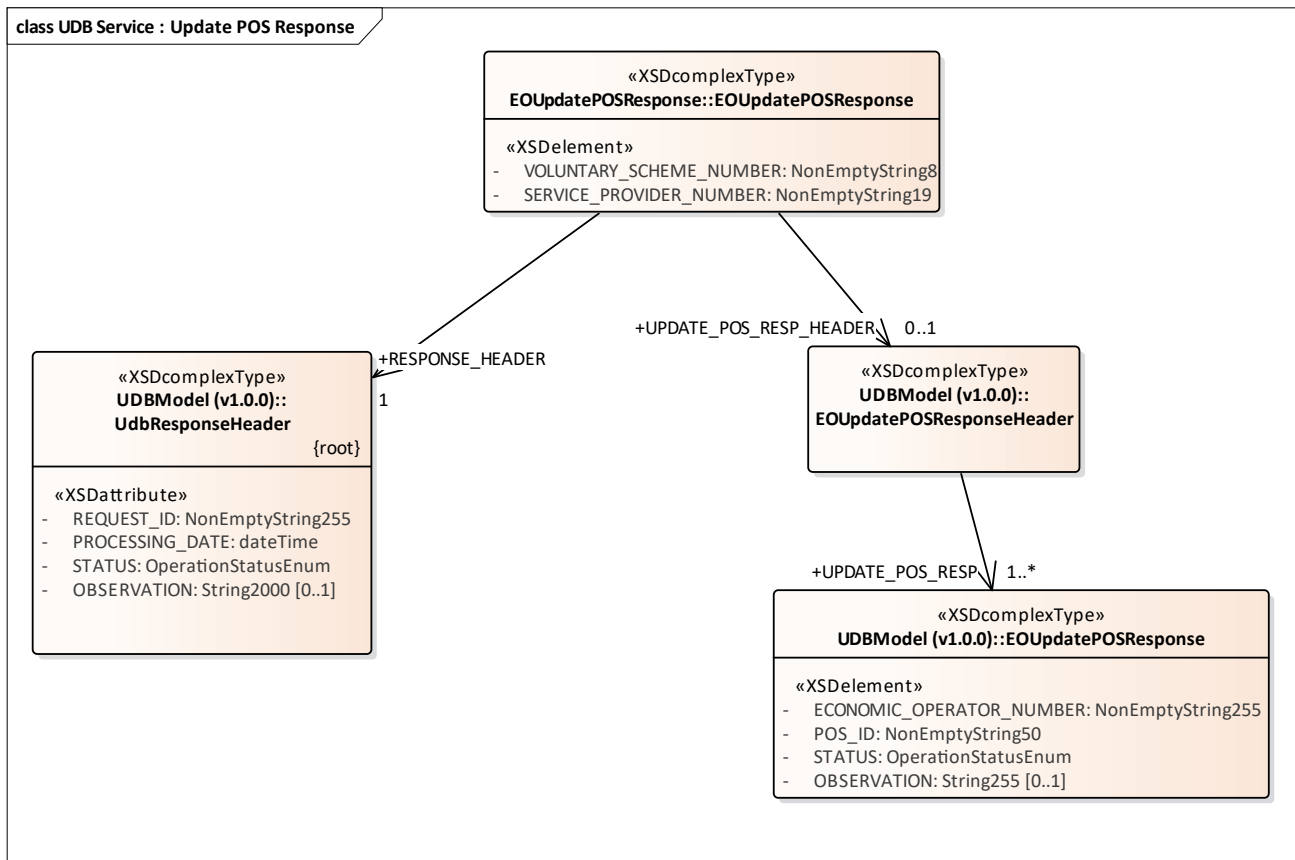


Figure 34: UDB Service : Update POS Response

3.1.1.34 UDB service : Add FGP Transaction Request diagram

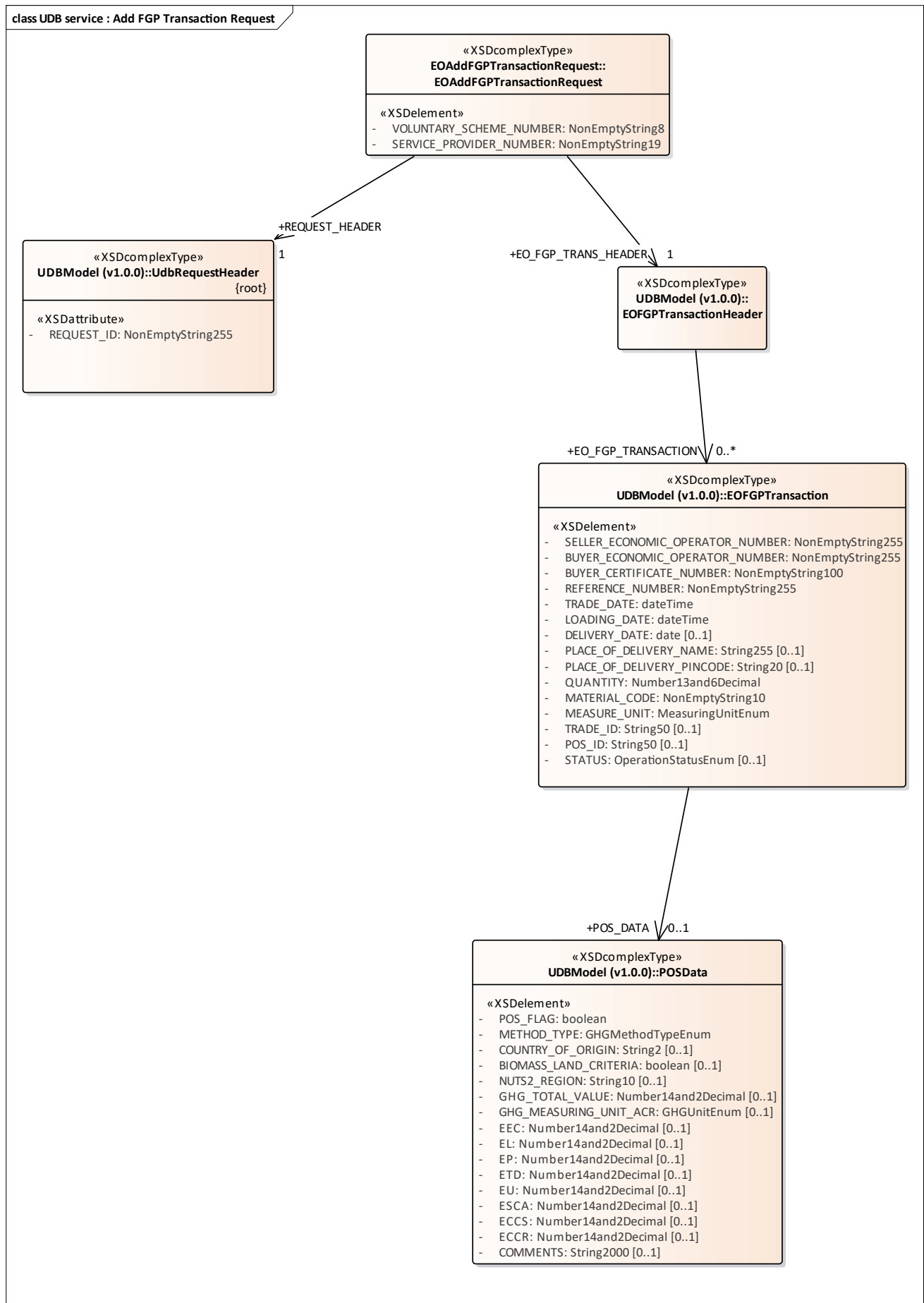


Figure 35: UDB service : Add FGP Transaction Request

3.1.1.35 UDB service : Add FGP Transaction Response diagram

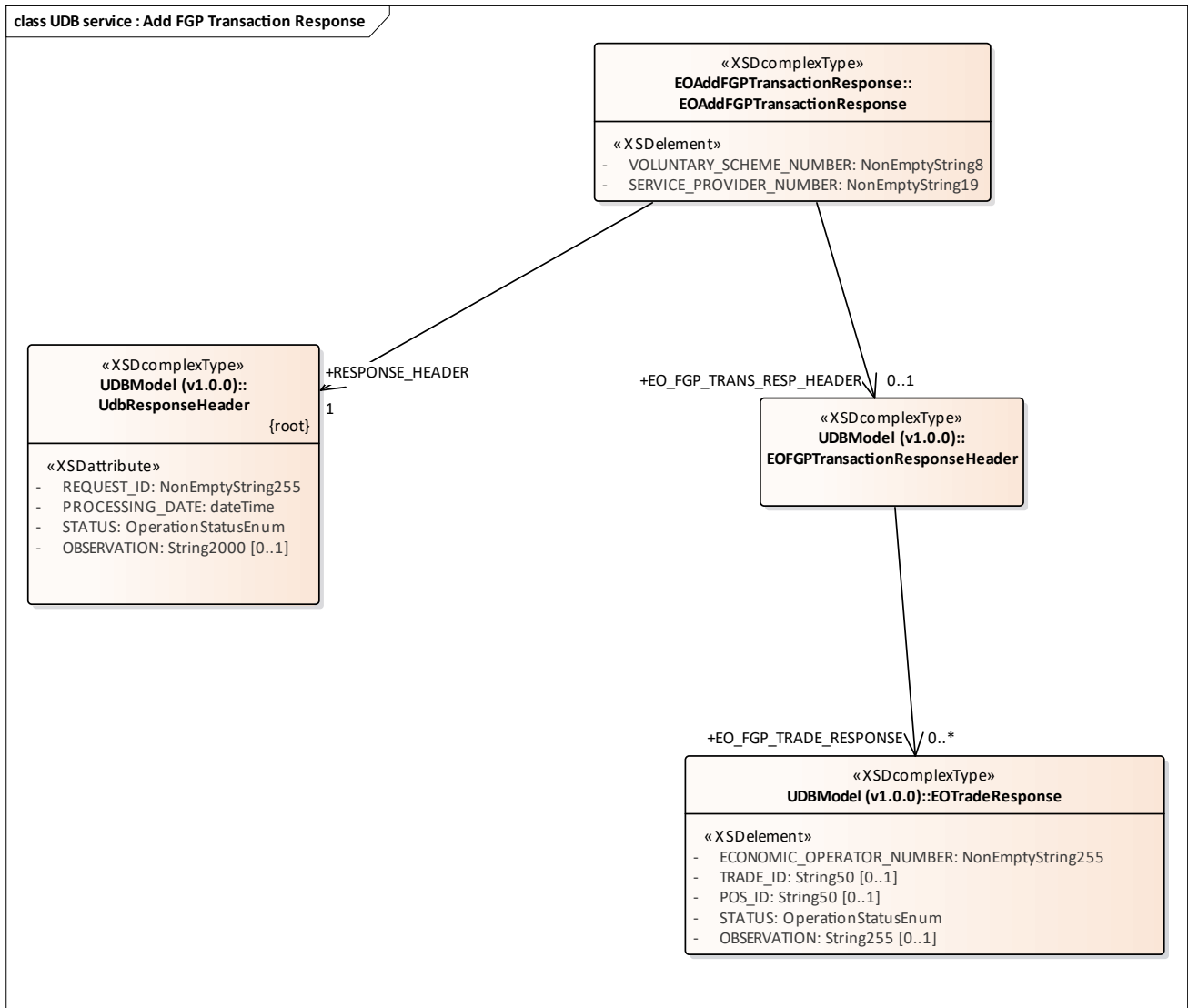


Figure 36: UDB service : Add FGP Transaction Response

3.1.1.36 UDB service : Add Gas Withdrawal Request diagram

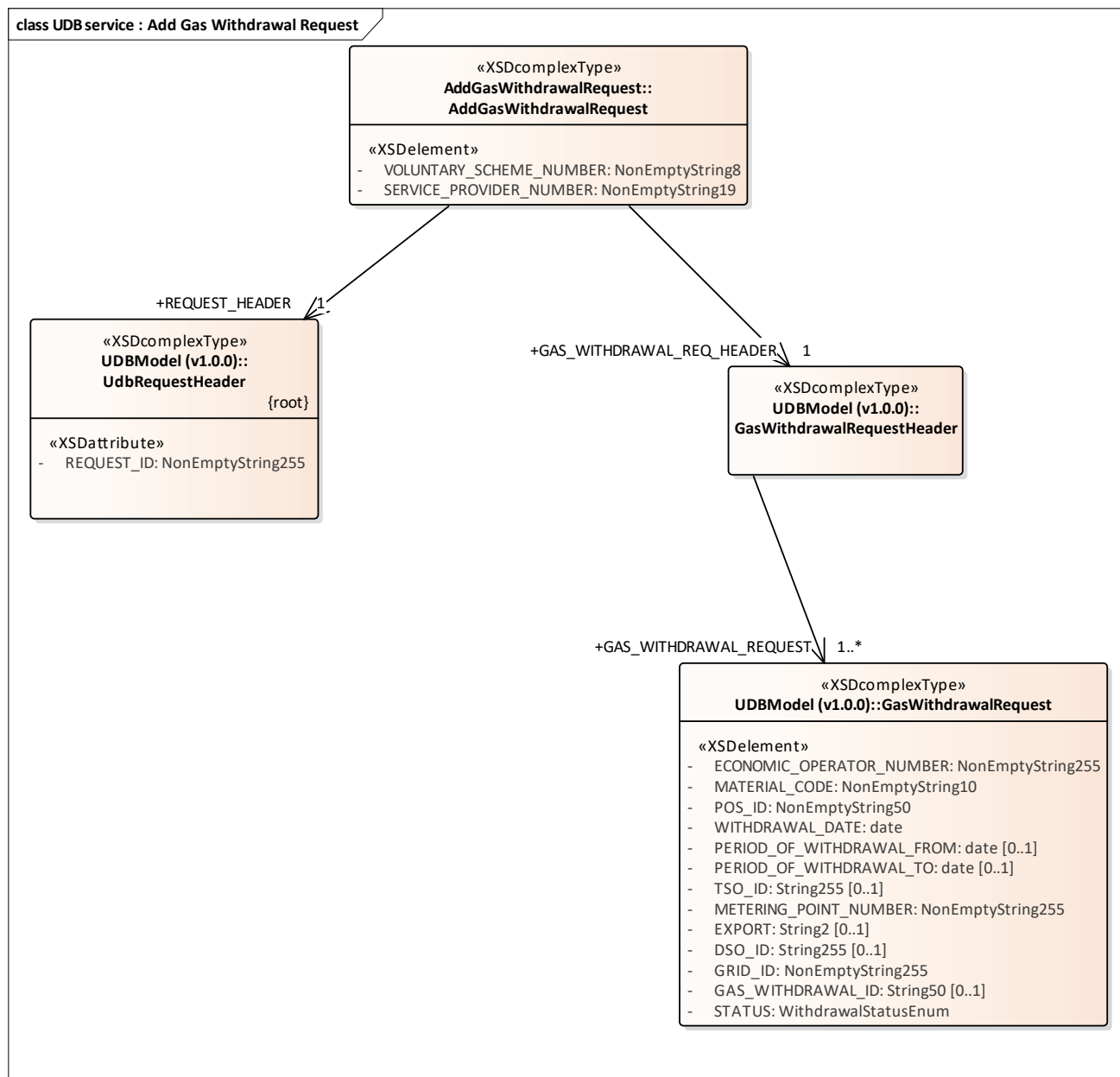


Figure 37: UDB service : Add Gas Withdrawal Request

3.1.1.37 UDB service : Add Gas Withdrawal Response diagram

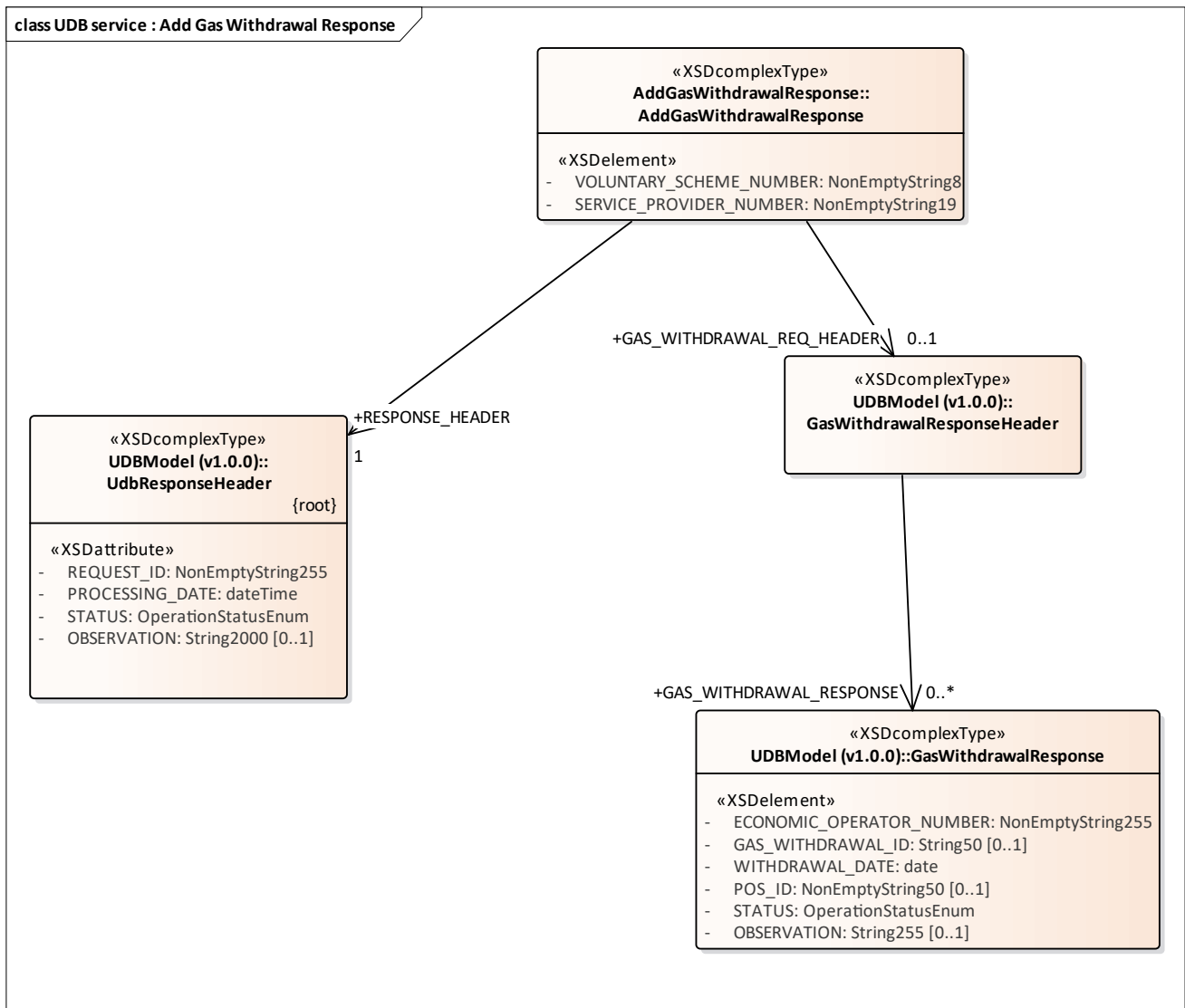


Figure 38: UDB service : Add Gas Withdrawal Response

3.1.1.38 UDB service : Add Point of Origin Trade Request diagram

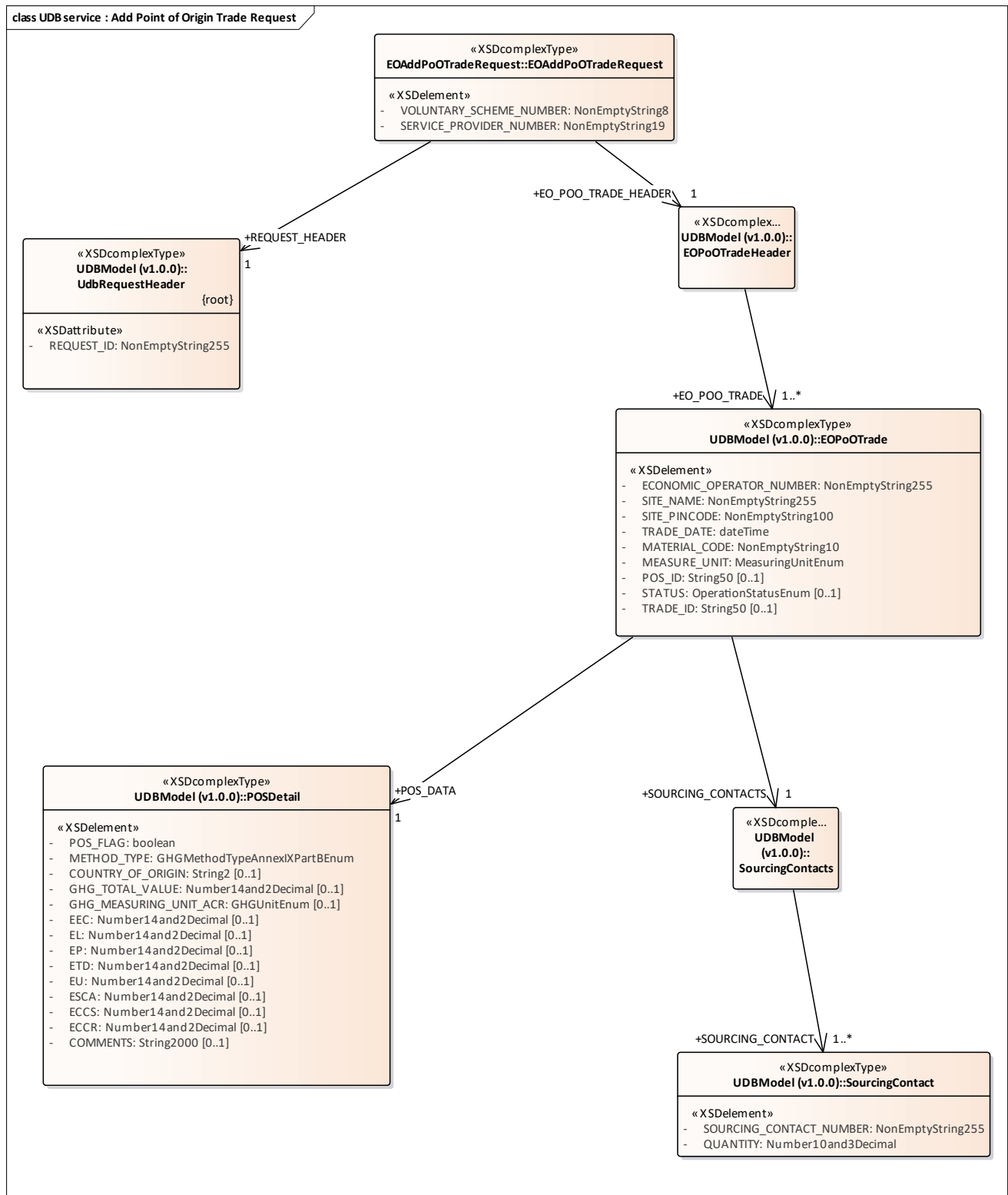


Figure 39: UDB service : Add Point of Origin Trade Request

3.1.1.39 UDB service : Add Point of Origin Trade Response diagram

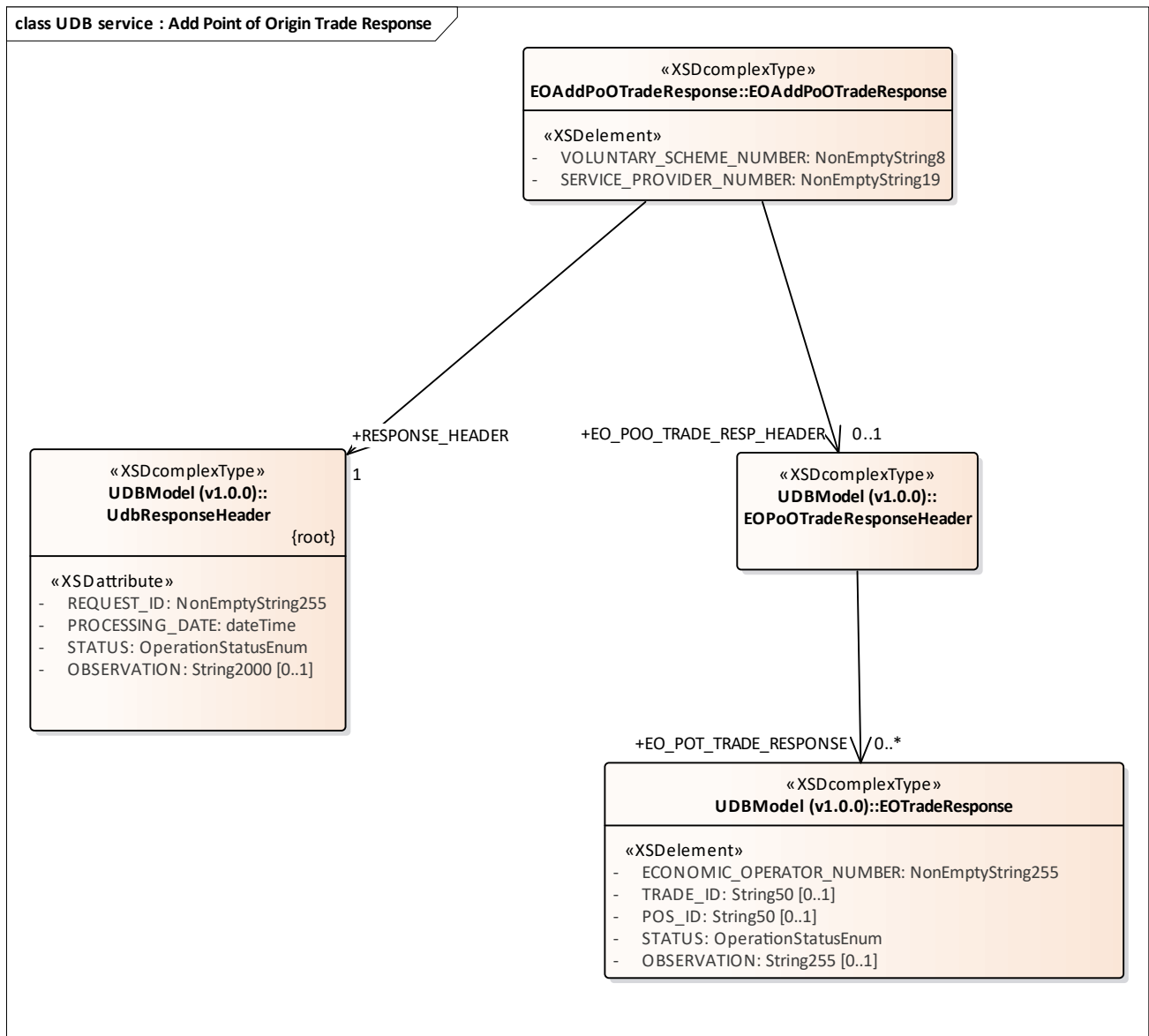


Figure 40: UDB service : Add Point of Origin Trade Response

3.1.1.40 UDB service : Cancel Transaction Request diagram

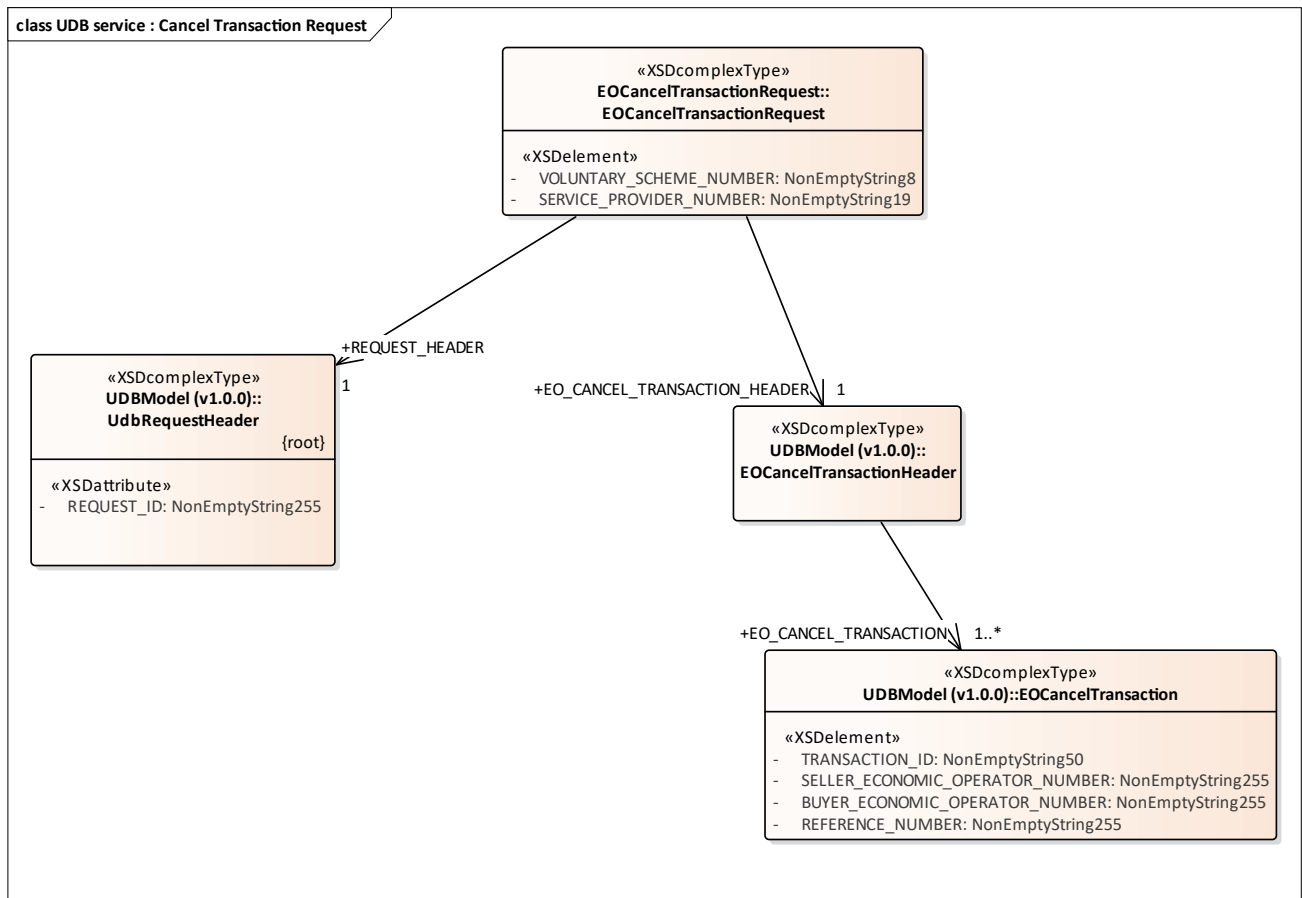


Figure 41: UDB service : Cancel Transaction Request

3.1.1.41 UDB service : Cancel Transaction Response diagram

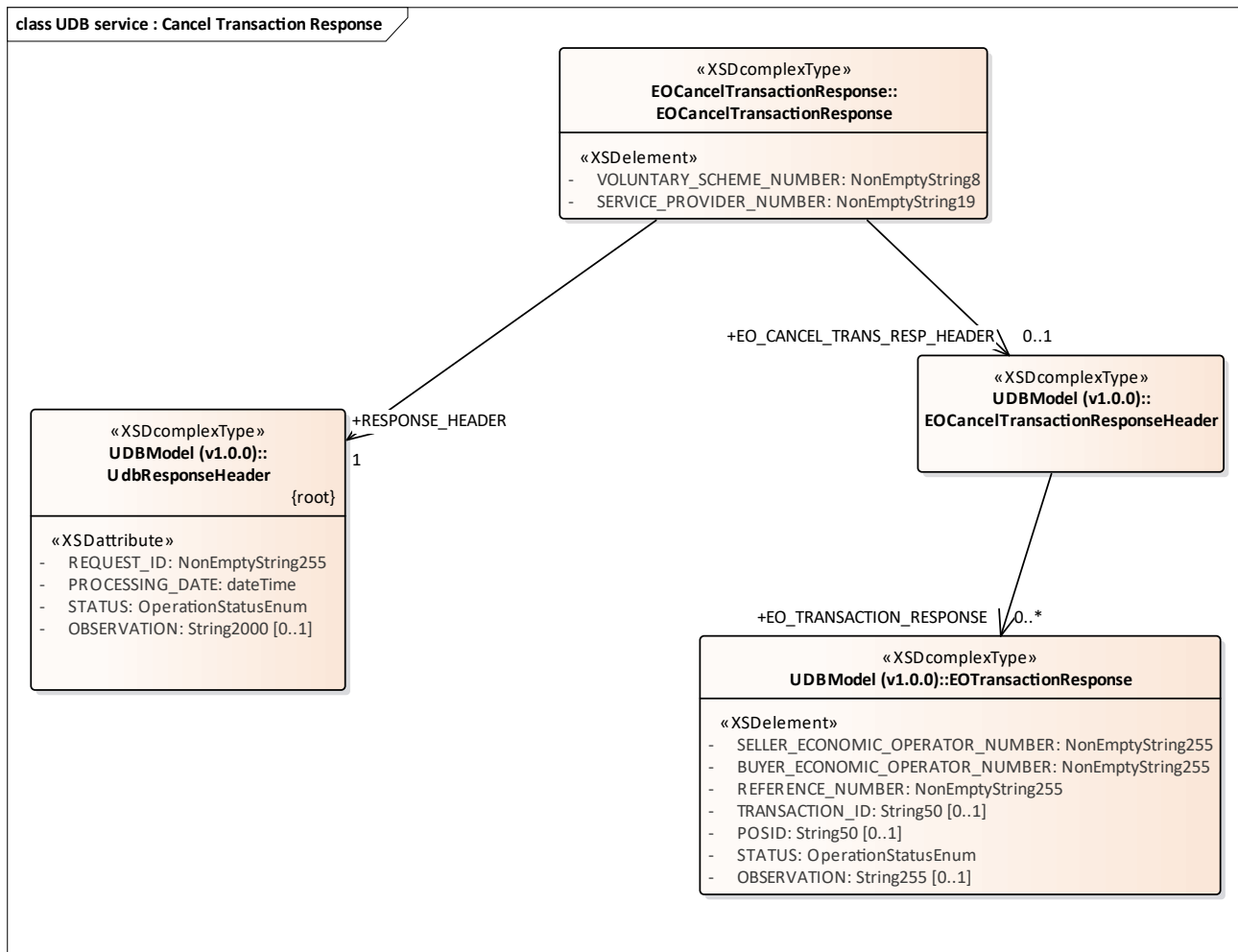


Figure 42: UDB service : Cancel Transaction Response

3.1.1.42 UDB service : Confirm Gas Injection Request diagram

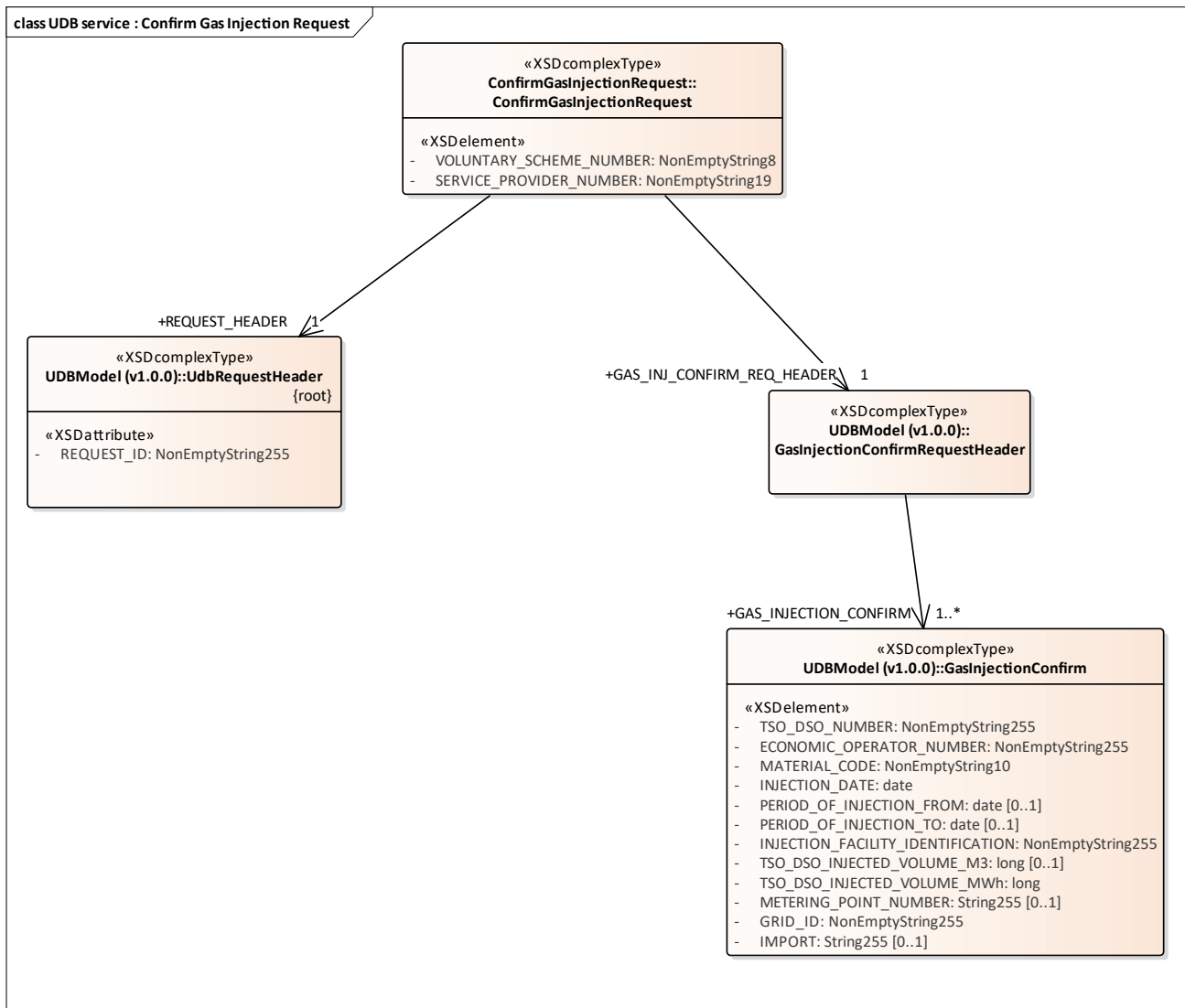


Figure 43: UDB service : Confirm Gas Injection Request

3.1.1.43 UDB service : Confirm Gas Injection Respose diagram

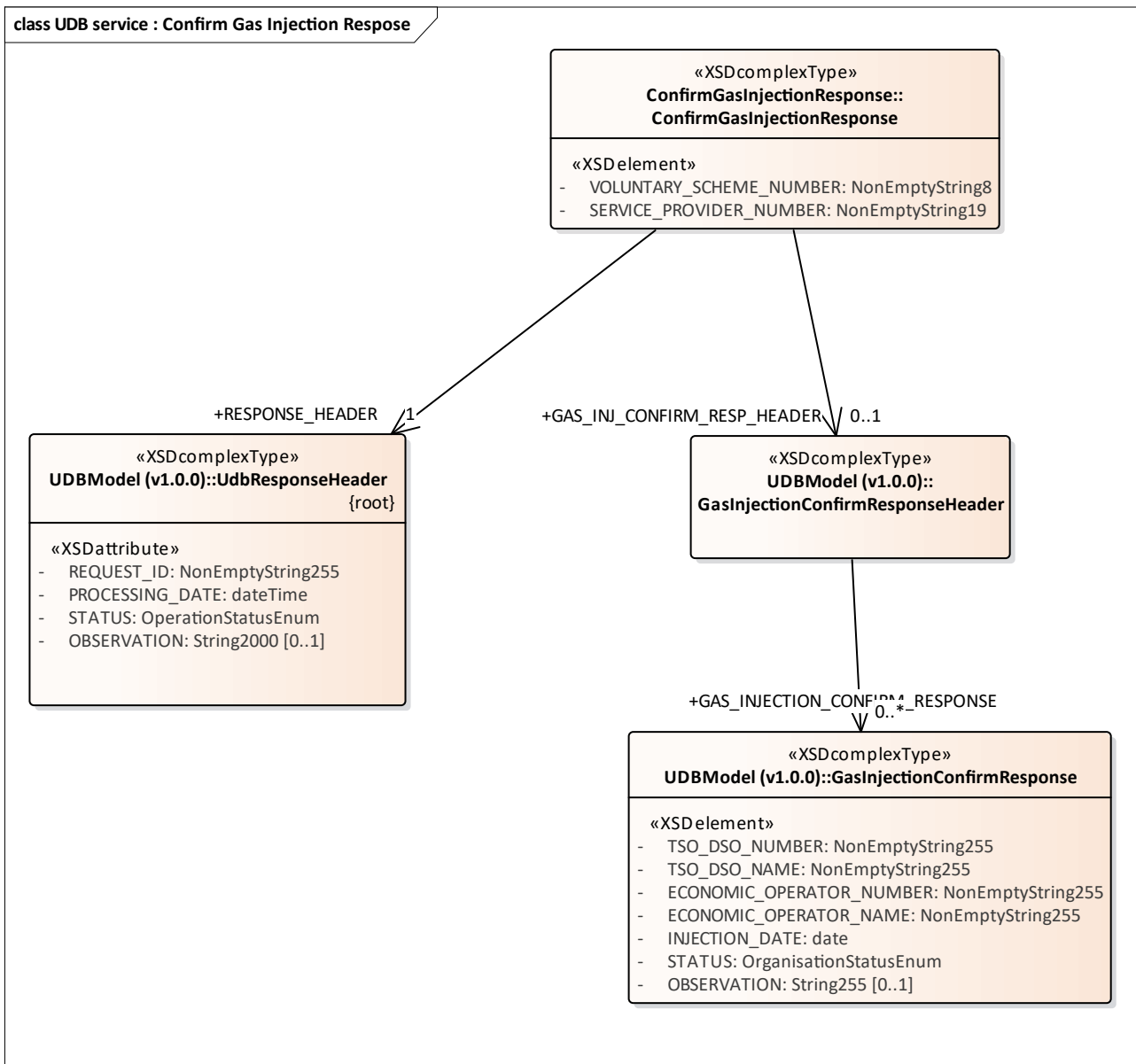


Figure 44: UDB service : Confirm Gas Injection Response

3.1.1.44 UDB service : Get FGP Transaction Request diagram

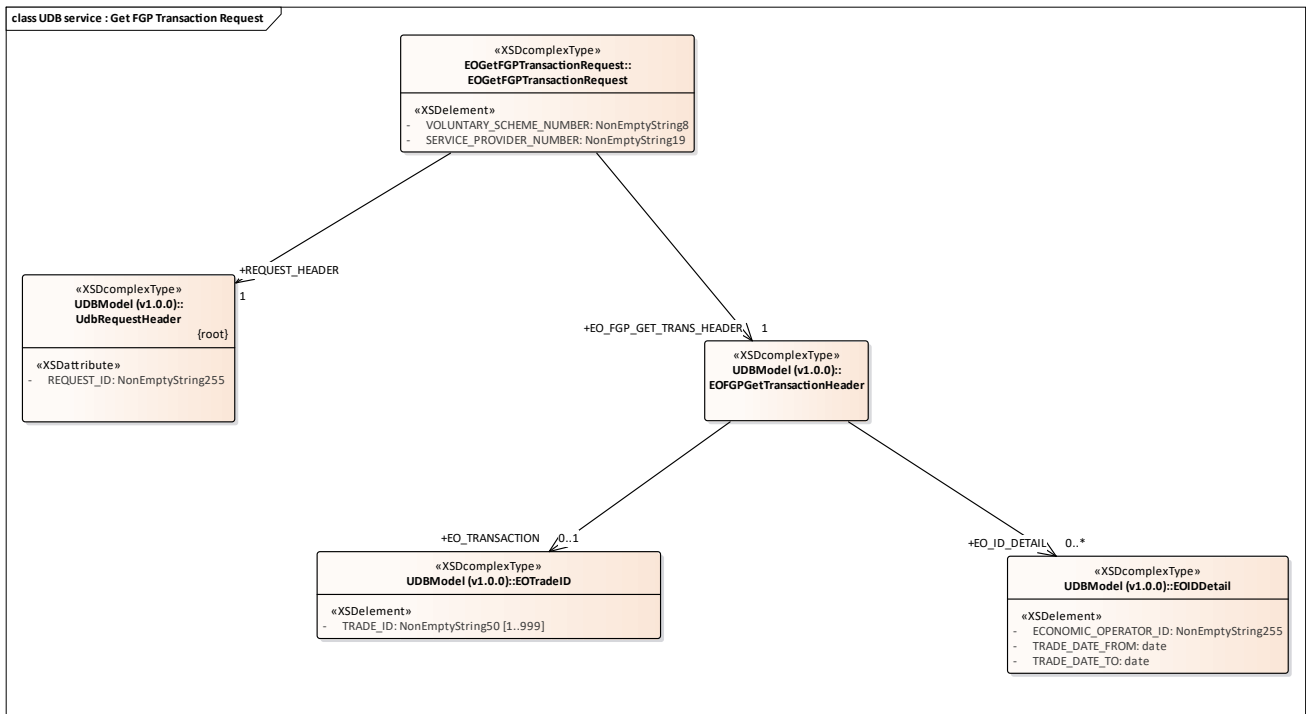


Figure 45: UDB service : Get FGP Transaction Request

3.1.1.45 UDB service : Get FGP Transaction Response diagram

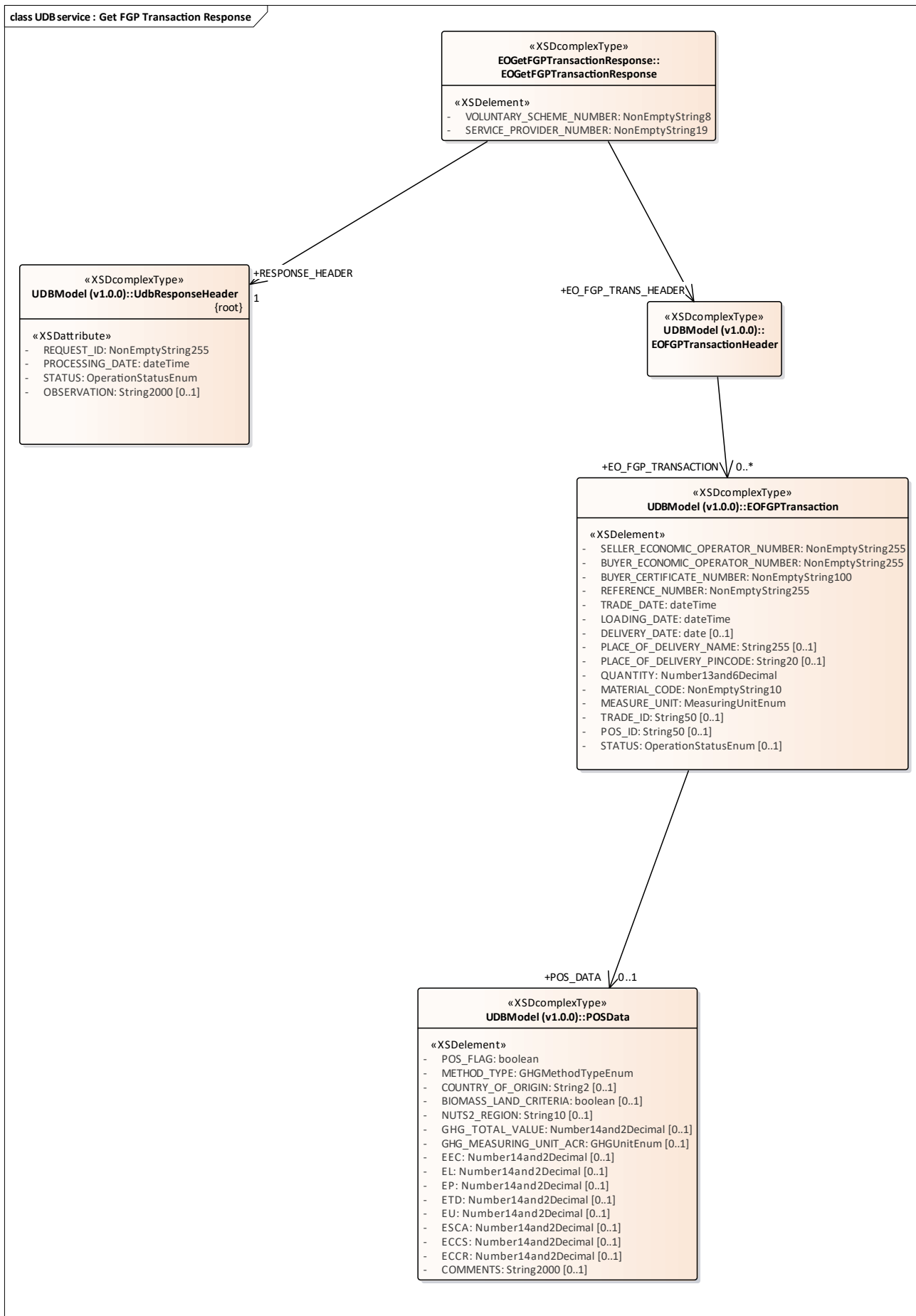


Figure 46: UDB service : Get FGP Transaction Response

3.1.1.46 UDB service : Get Initial Stock Request diagram

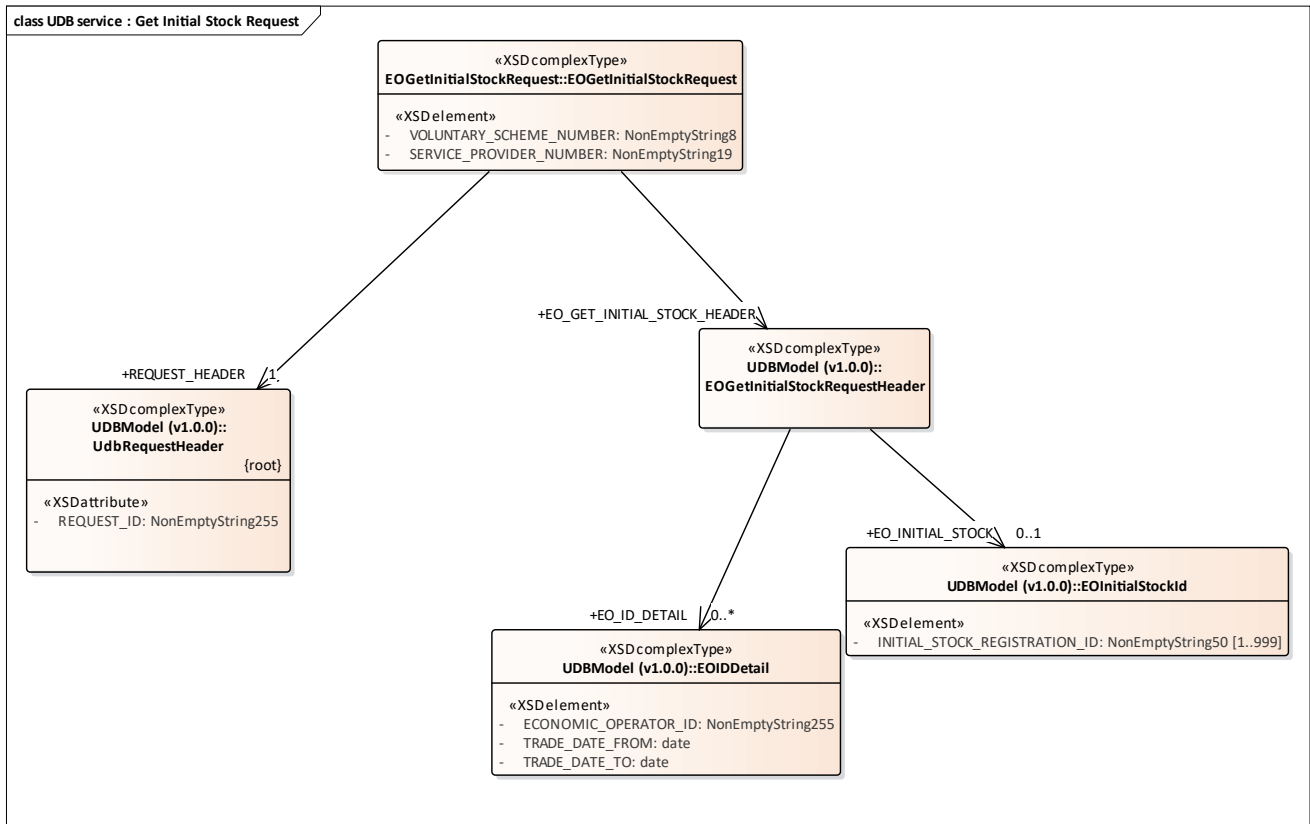


Figure 47: UDB service : Get Initial Stock Request

3.1.1.47 UDB service : Get Initial Stock Response diagram

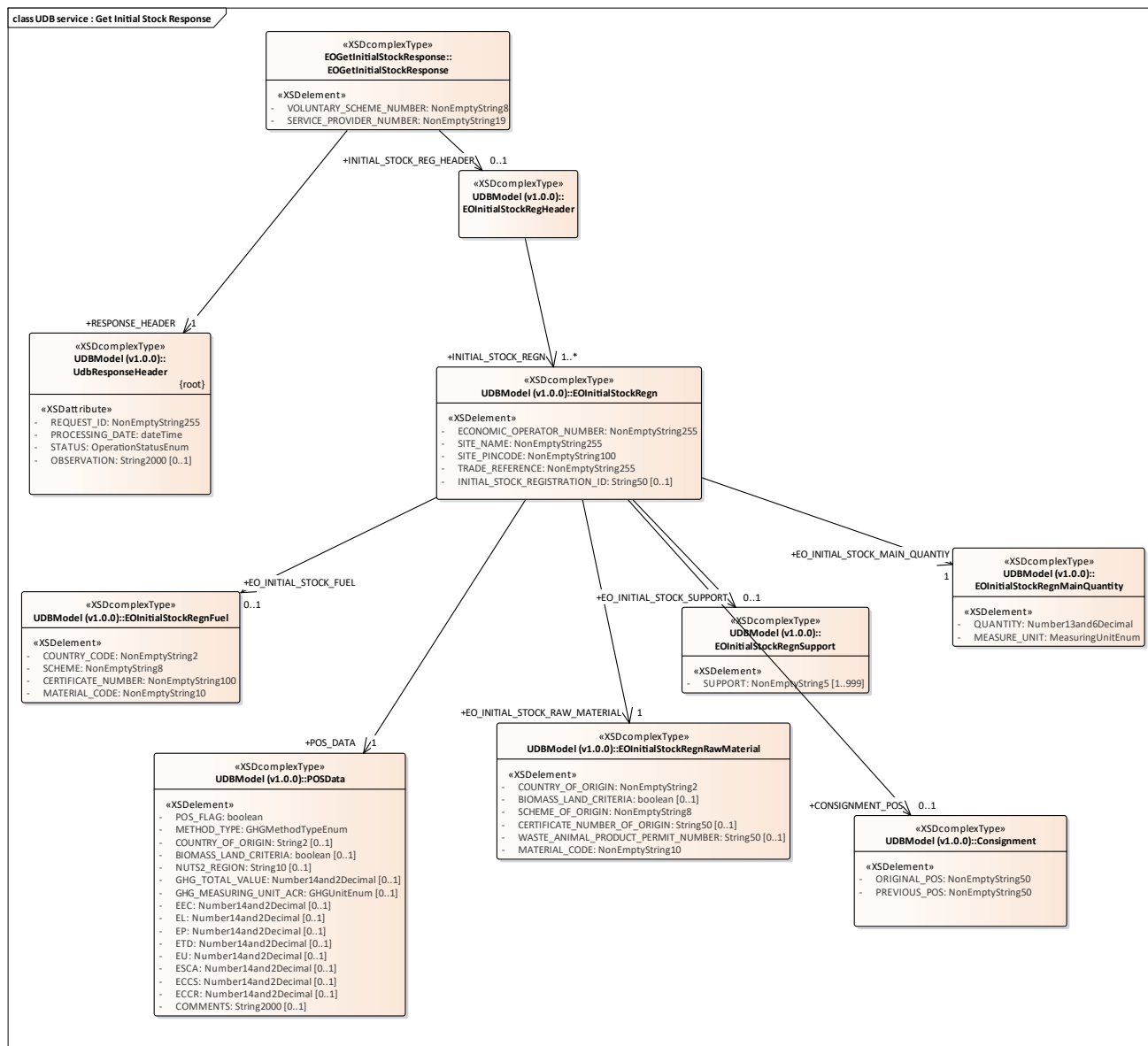


Figure 48: UDB service : Get Initial Stock Response

3.1.1.48 UDB service : Get Point of Origin Trade Request diagram

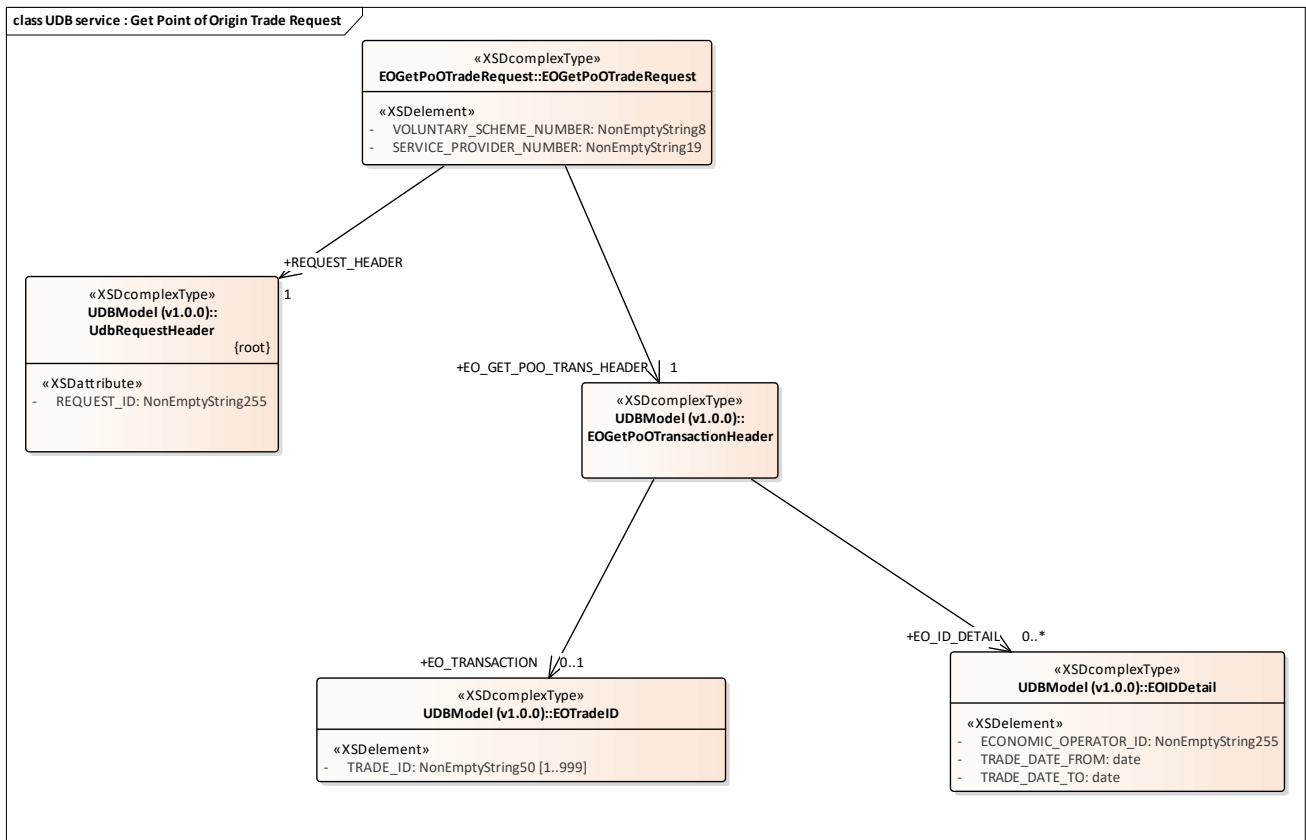


Figure 49: UDB service : Get Point of Origin Trade Request

3.1.1.49 UDB service : Get Point of Origin Trade Response diagram

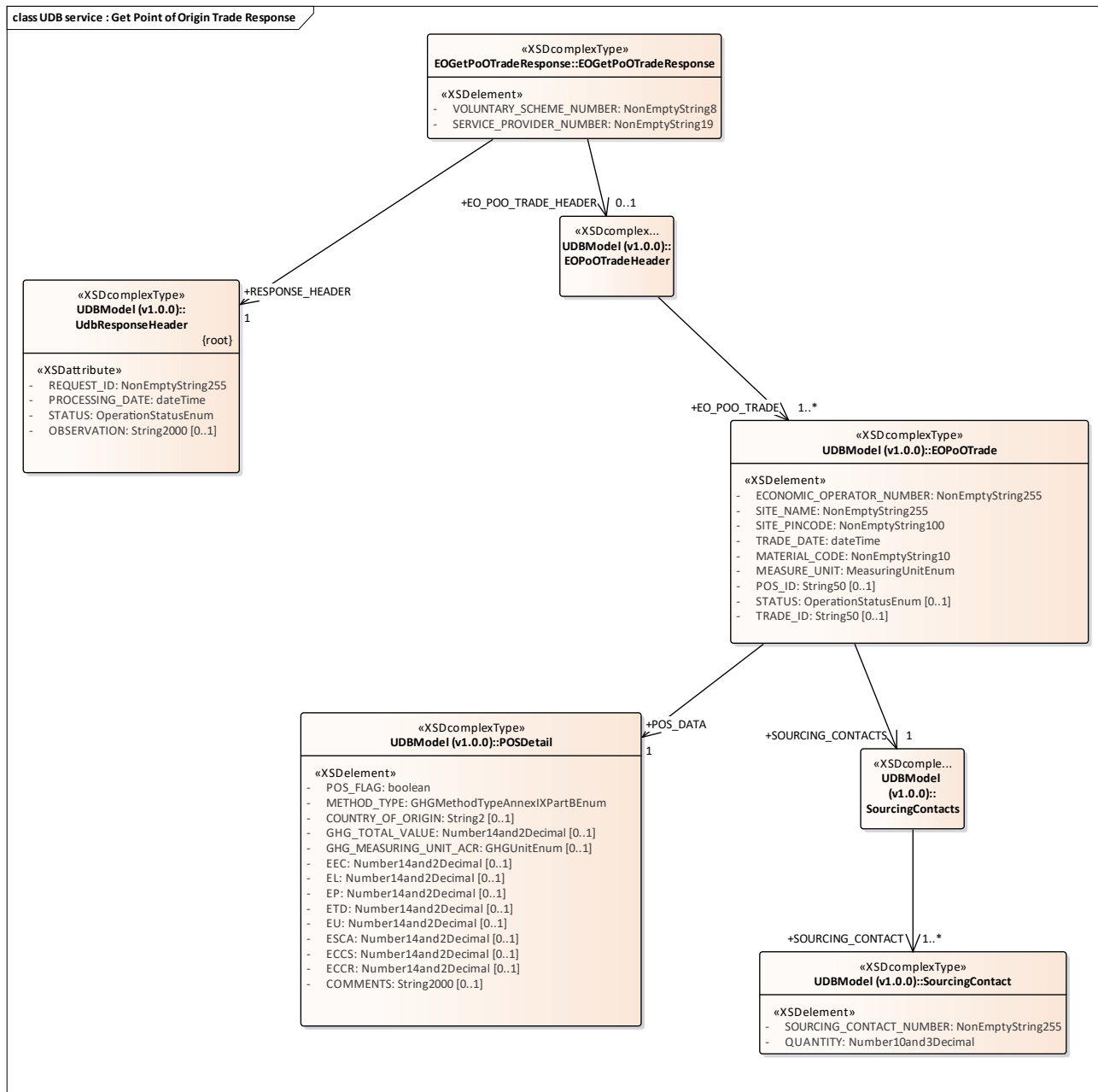


Figure 50: UDB service : Get Point of Origin Trade Response

3.1.1.50 UDB service : Get Sourcing Contact By ID Request diagram

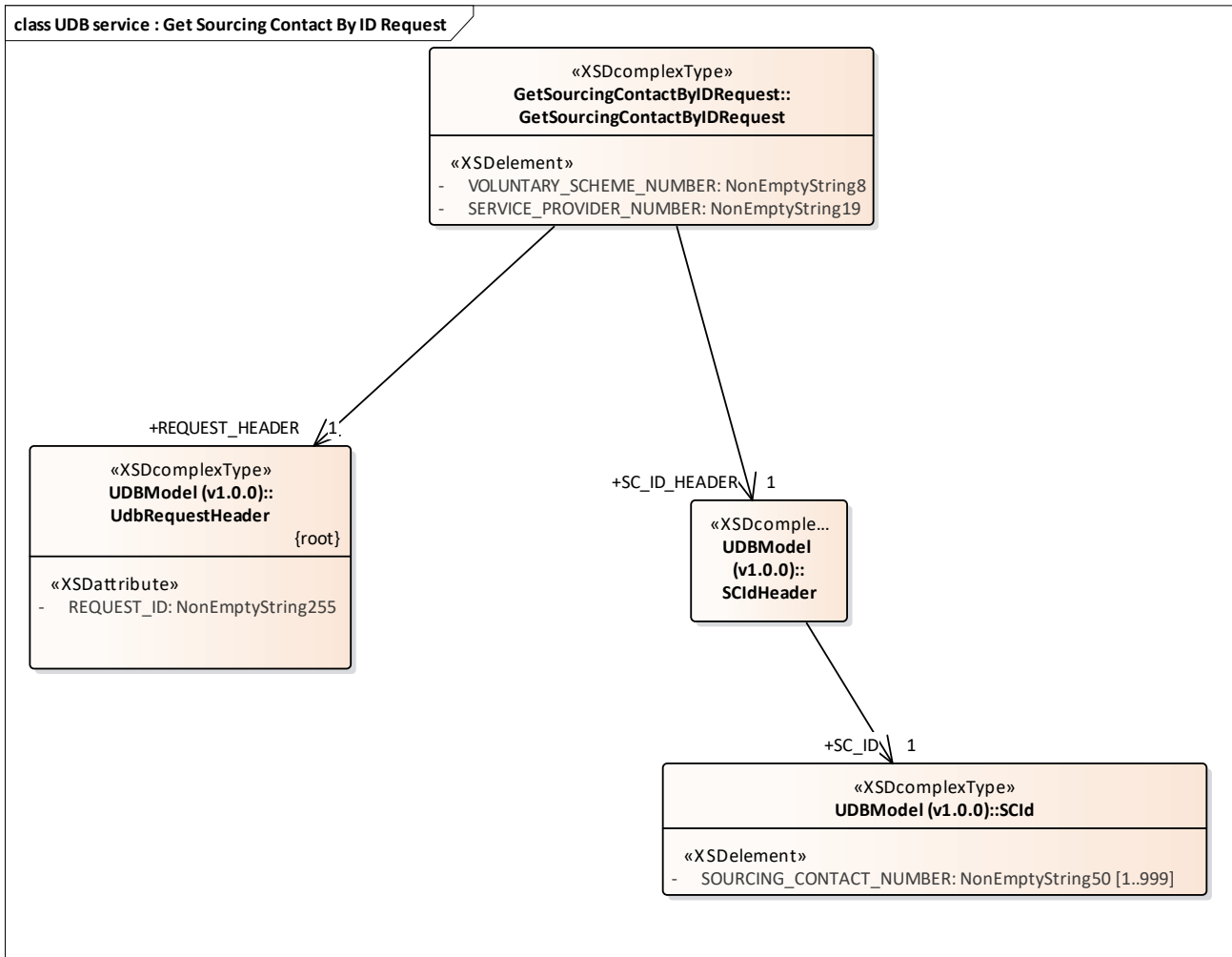


Figure 51: UDB service : Get Sourcing Contact By ID Request

3.1.1.51 UDB service : Get Sourcing Contact By ID Response diagram

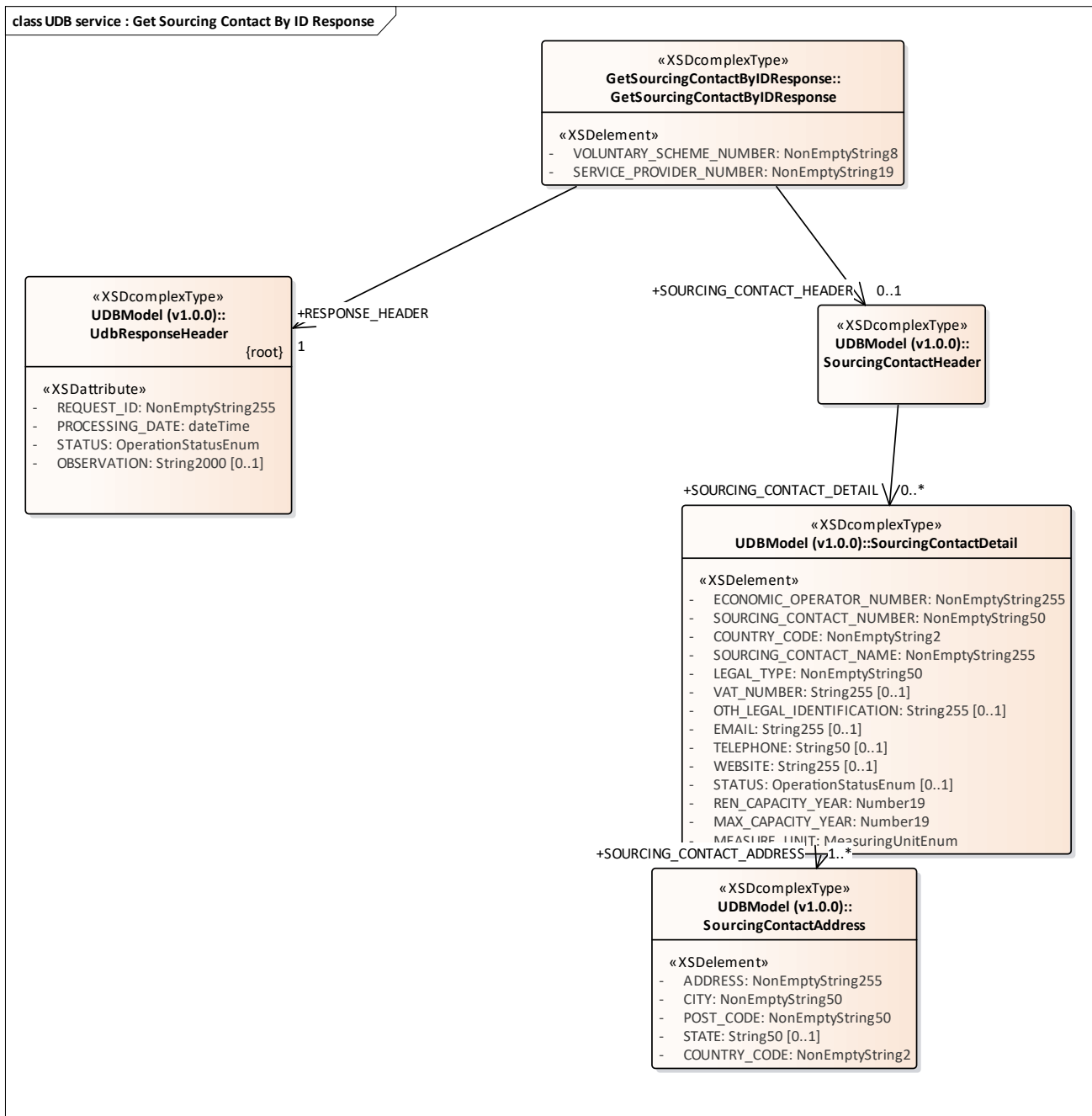


Figure 52: UDB service : Get Sourcing Contact By ID Response

3.1.1.52 UDB service : Get Sourcing Contact List Request diagram

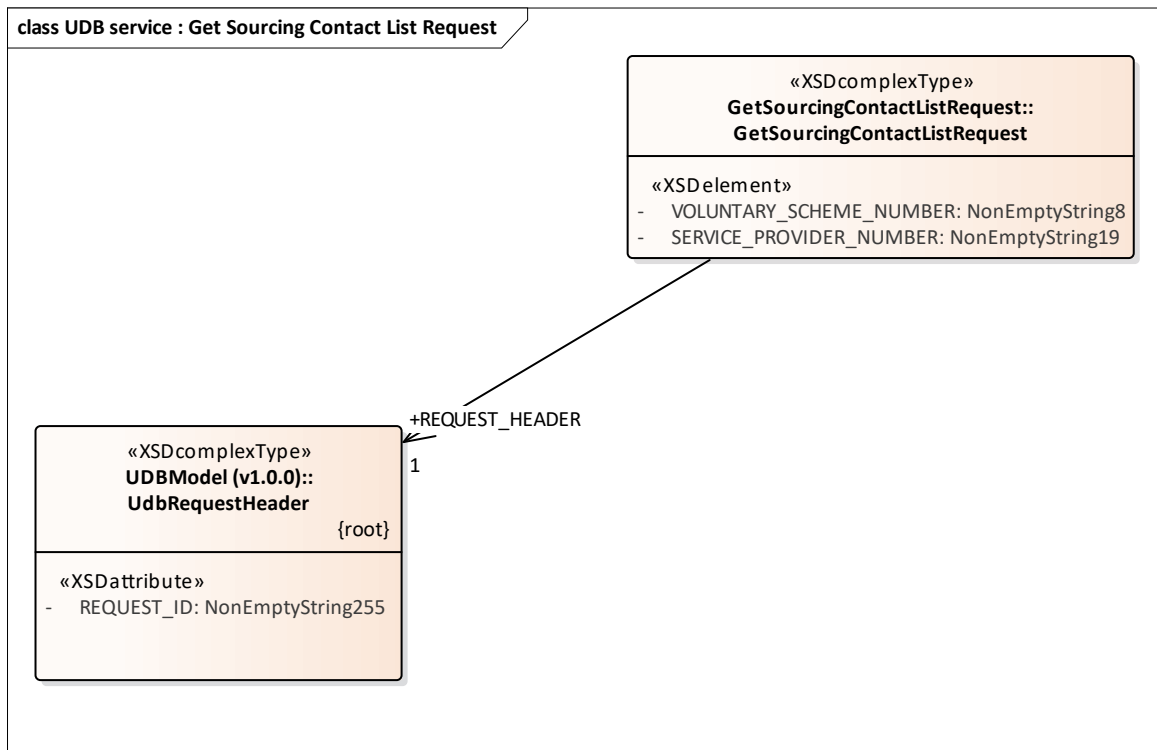


Figure 53: UDB service : Get Sourcing Contact List Request

3.1.1.53 UDB service : Get Sourcing Contact List Response diagram

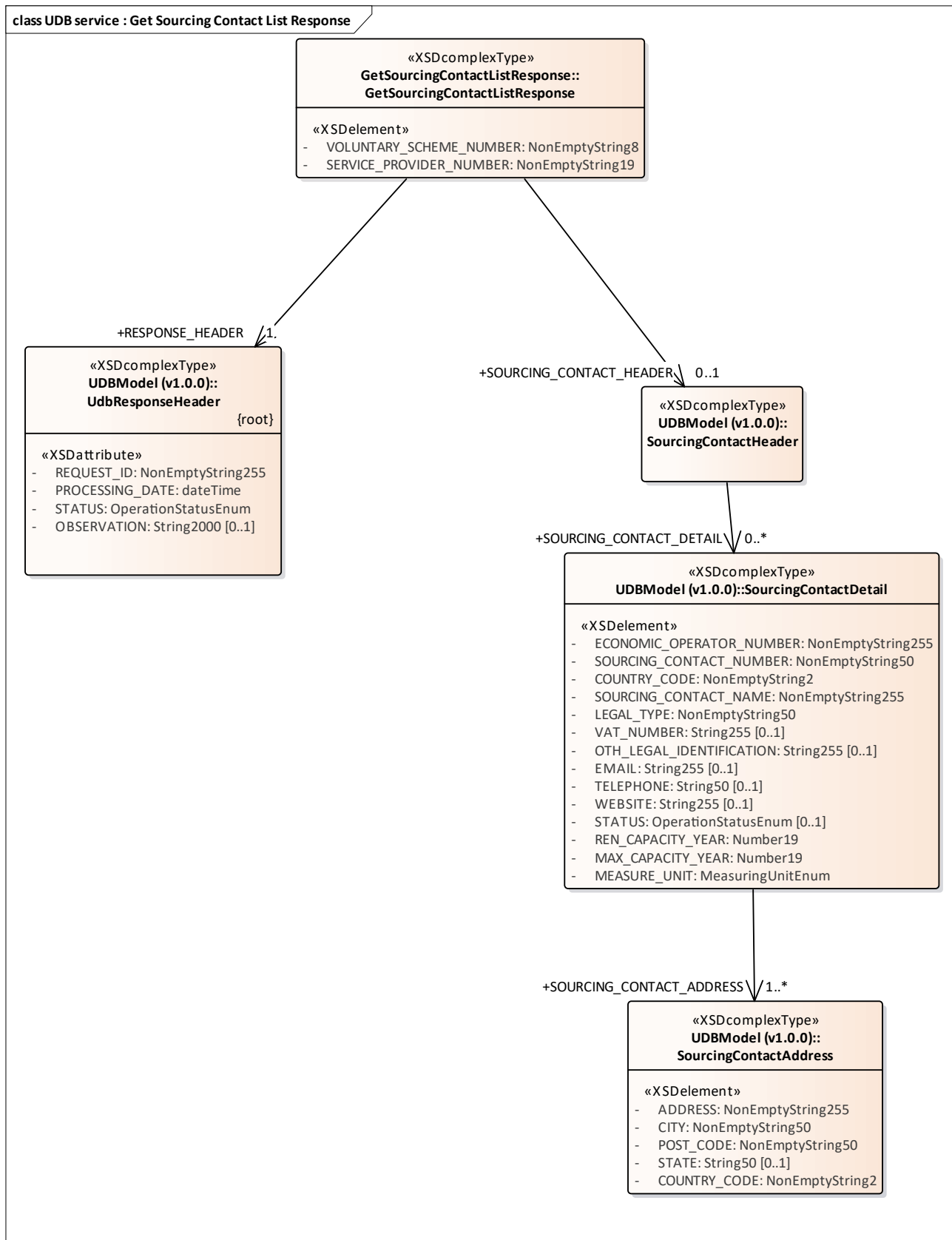


Figure 54: UDB service : Get Sourcing Contact List Response

3.1.1.54 UDB service : Update Rejected Transaction Request diagram

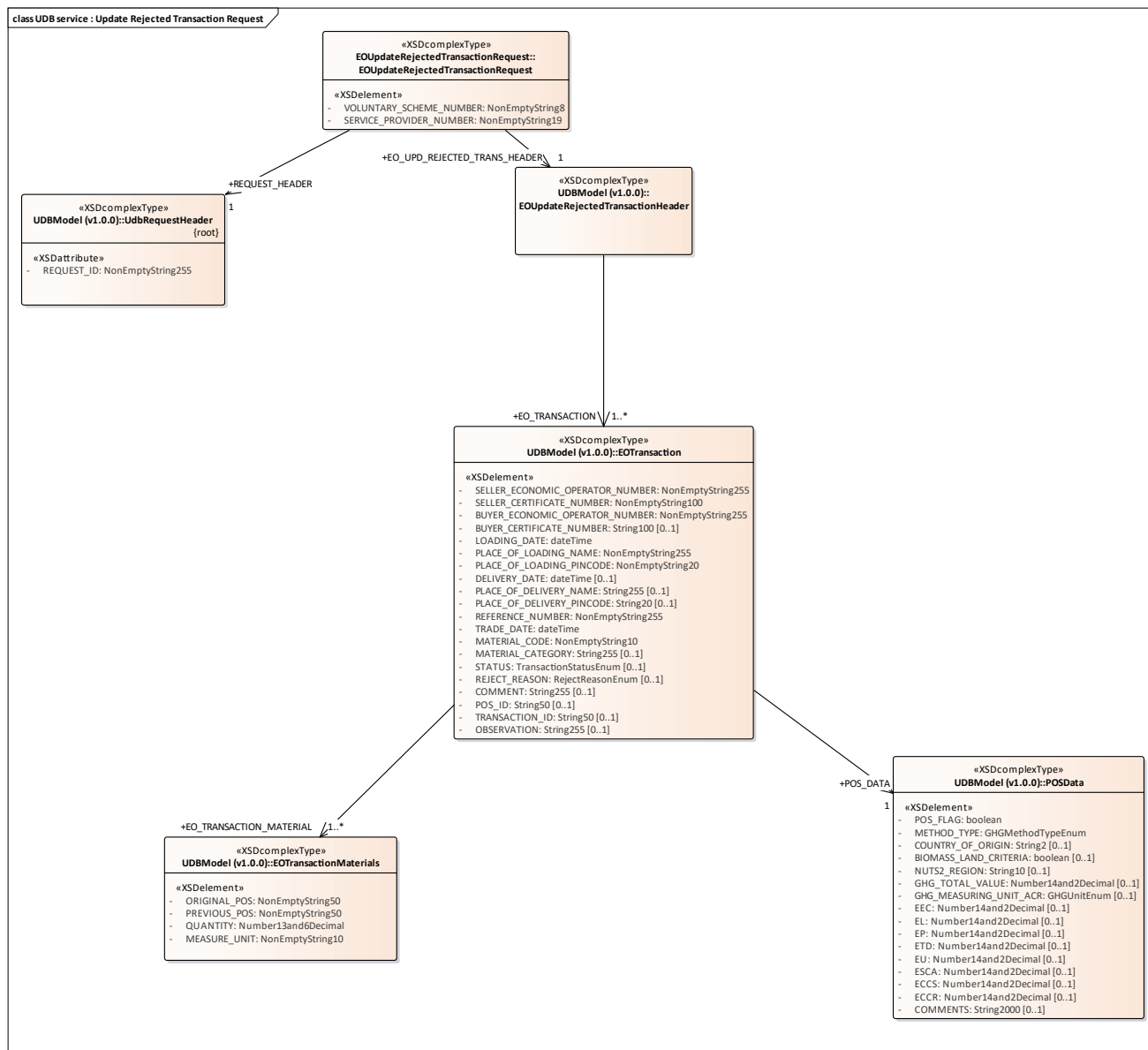


Figure 55: UDB service : Update Rejected Transaction Request

3.1.1.55 UDB service : Update Rejected Transaction Response diagram

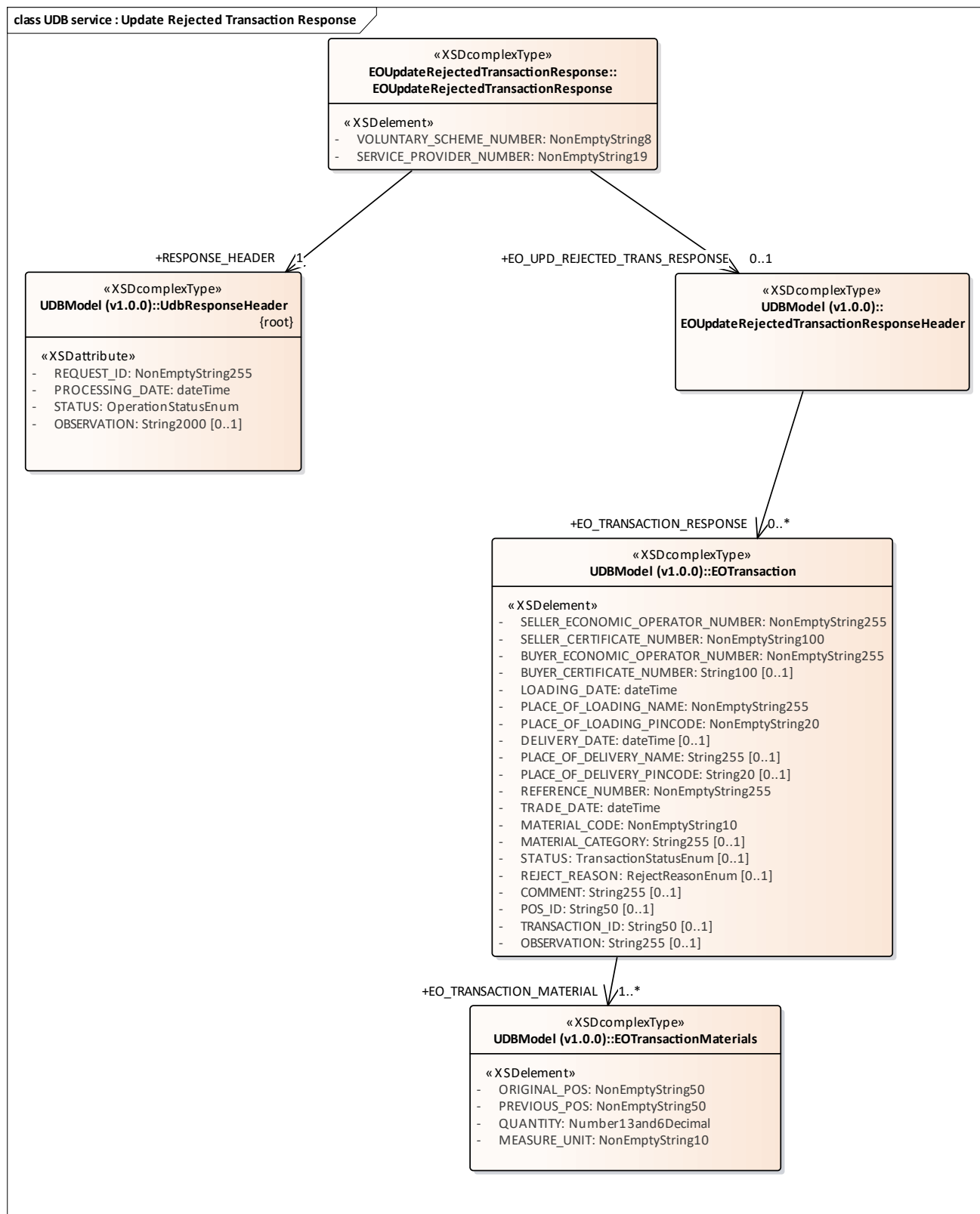


Figure 56: UDB service : Update Rejected Transaction Response

3.1.1.56 UDB Service : Organisation List Request diagram

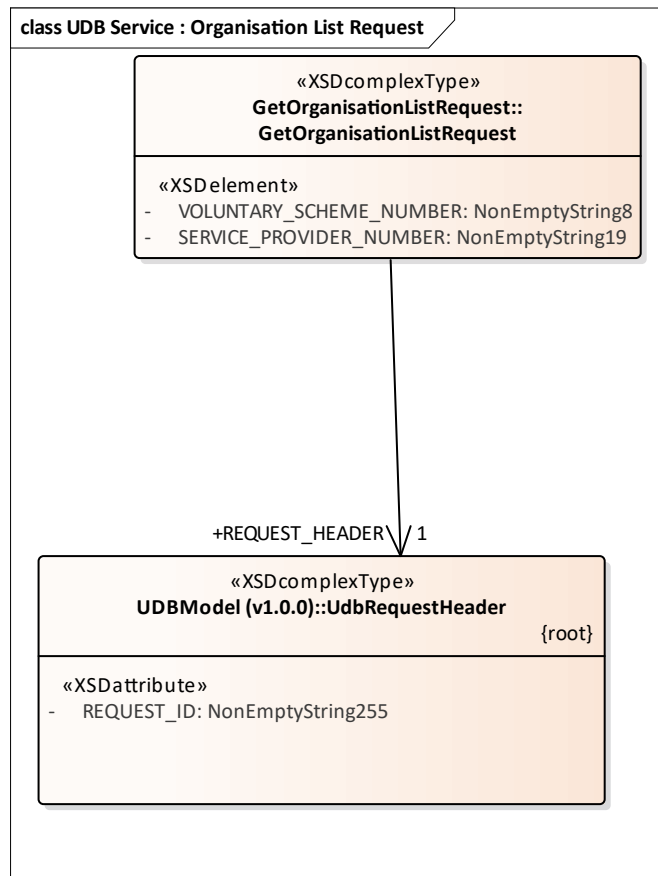


Figure 57: UDB Service : Organisation List Request

3.1.1.57 UDB Service : Organisation List Response diagram

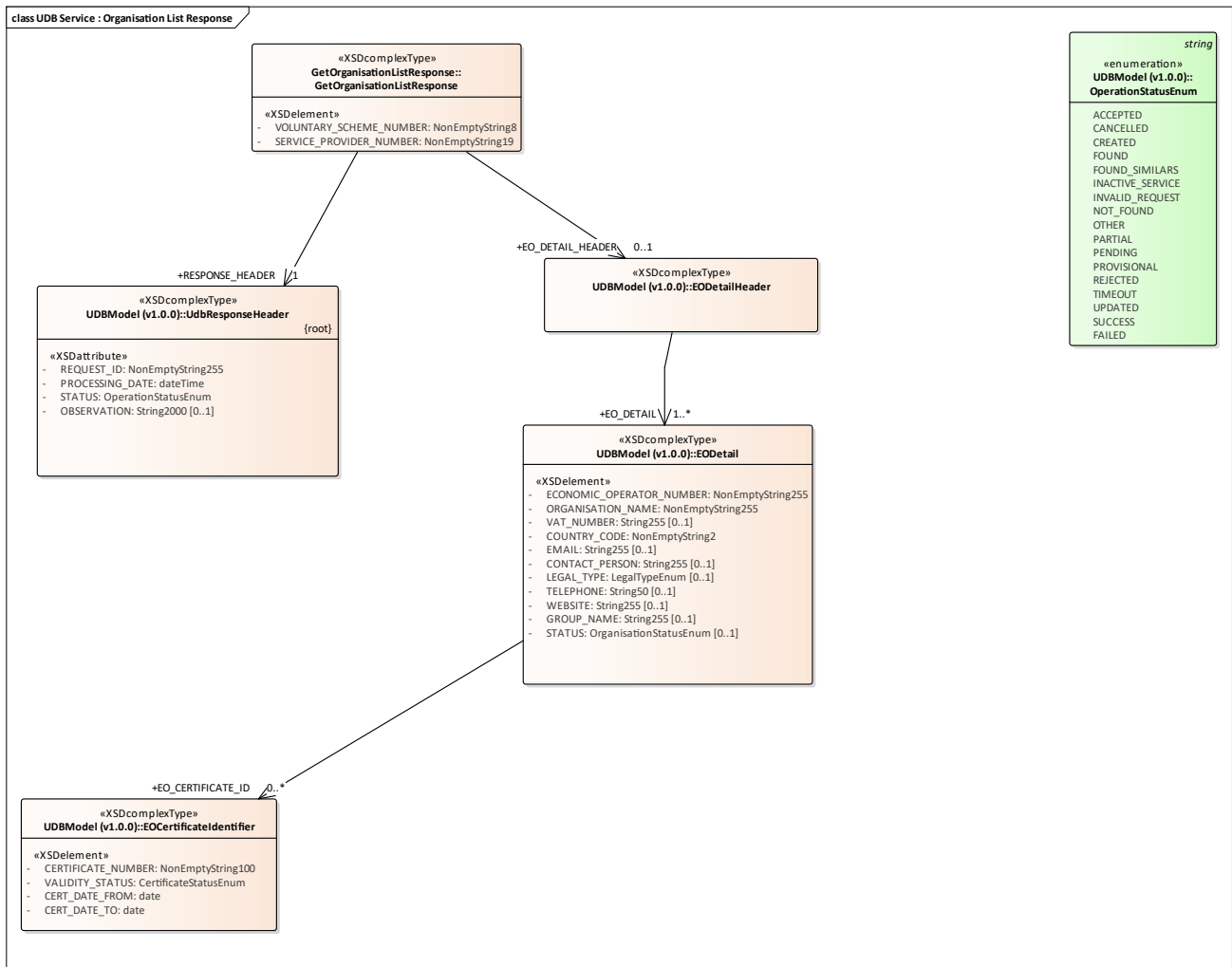


Figure 58: UDB Service : Organisation List Response

3.1.1.58 UDB Service : Organisation by ID Request diagram

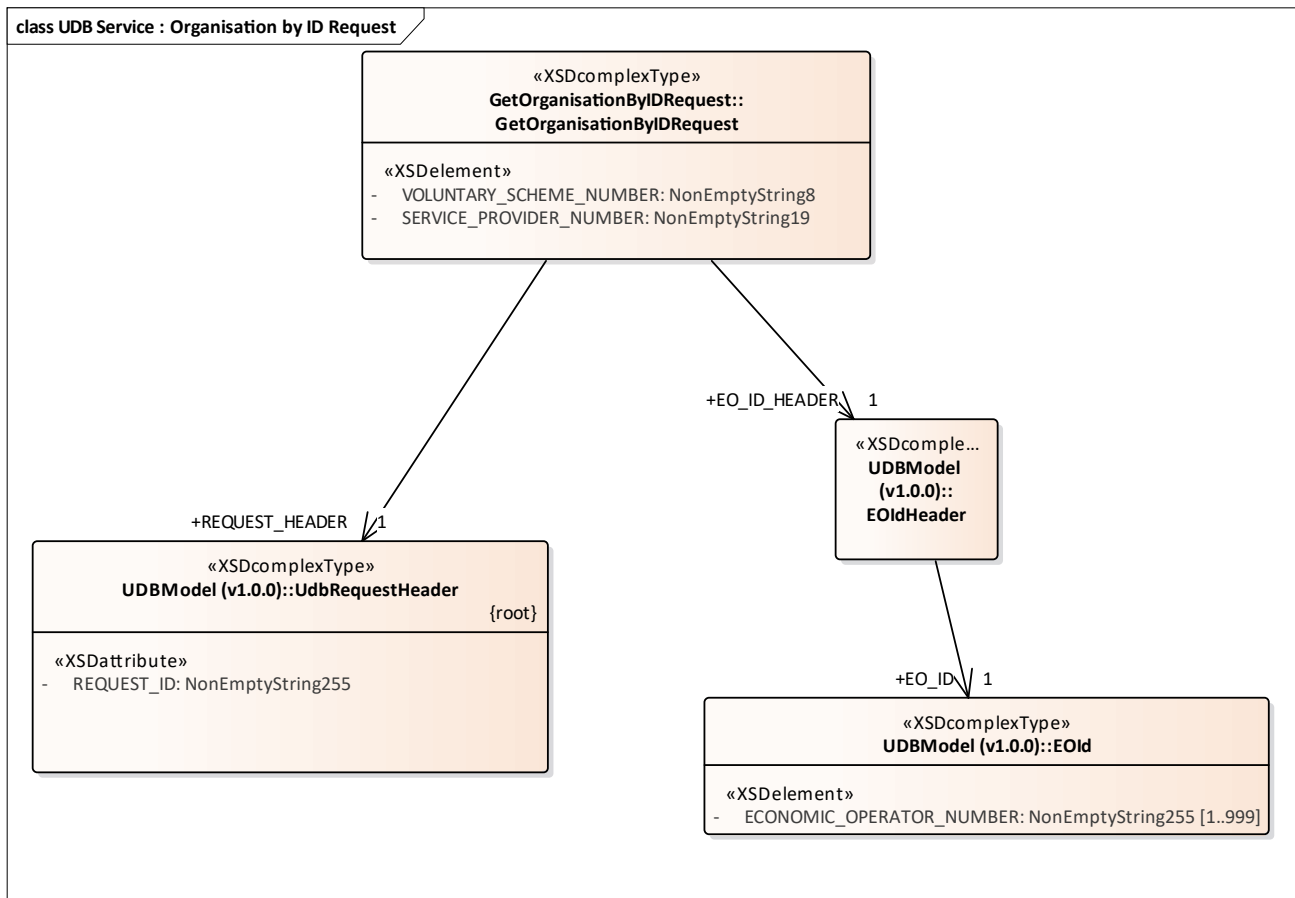


Figure 59: UDB Service : Organisation by ID Request

3.1.1.59 UDB Service : Organisation by ID Response diagram

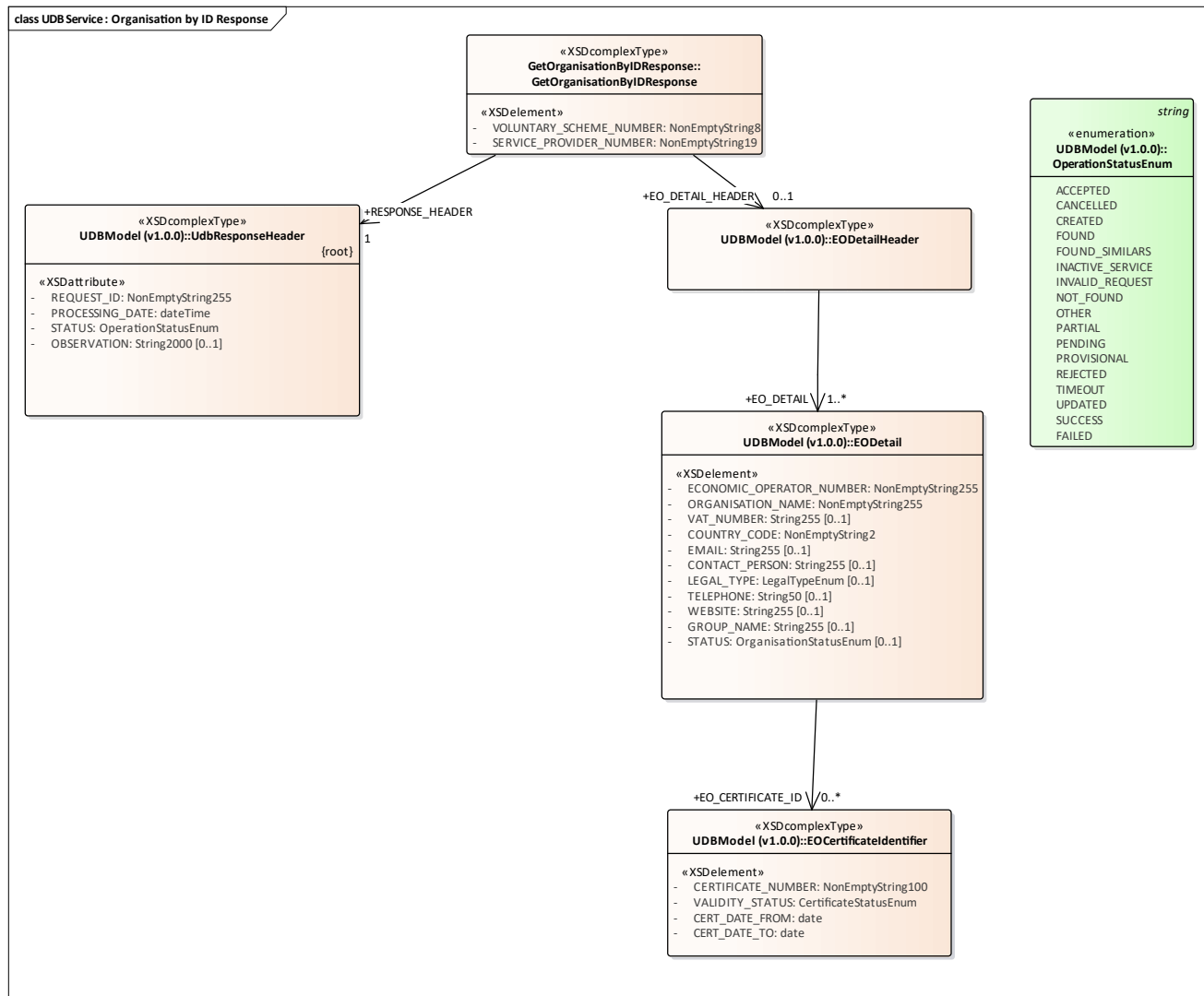


Figure 60: UDB Service : Organisation by ID Response

3.1.1.60 AuthorityAck diagram

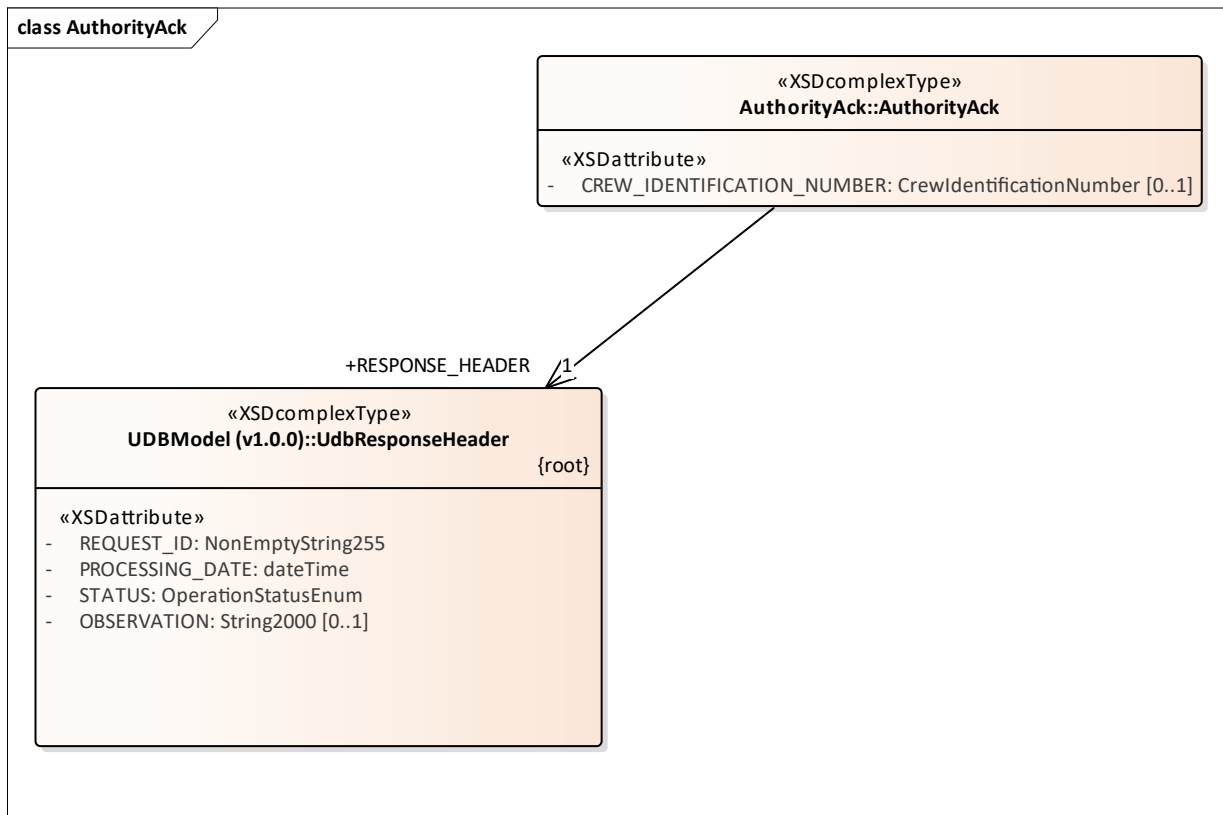


Figure 61: AuthorityAck

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 REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination) Source: Public (Class) AddGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJECTION_HEADER (Class) GasInjectionRequestHeader «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 EO_DETAIL_RESPONSE_HEADER (Class) EODetailResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddOrganisationResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [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 REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «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

ASSOCIATIONS
«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)'

ATTRIBUTES
VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
SERVICE_PROVIDER_NUMBER : NonEmptyString19

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

ATTRIBUTES
VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
SERVICE_PROVIDER_NUMBER : NonEmptyString19

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

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

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p>	
Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»	Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [1]
<p>Association (direction: Source -> Destination)</p>	
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"> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
<ul style="list-style-type: none"> SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p>	
Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»



ASSOCIATIONS	
Cardinality: [1]	
<p> Association (direction: Source -> 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	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
<p> Association (direction: Source -> 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 -> Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «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	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_RESP_HEADER (Class) EOAddMaterialProcessingResponseHeader «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 -> 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 -> 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 -> 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 -> 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 -> Destination)</p> <p>Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «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 -> Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_RESP_HEADER (Class) EOTransactionResponseHeader «XSDcomplexType» Cardinality: [0..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 -> Destination)</p> <p>Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> 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 RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination) Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType» Target: Public EO_CANCEL_TRANS_RESP_HEADER (Class) EOCancelTransactionResponseHeader «XSDcomplexType» Cardinality: [0..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
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>



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



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



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



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	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



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



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	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



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



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



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



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



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



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 MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [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 RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)
Source: Public (Class) EOGetPOSListResponse «XSDcomplexType»	Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType» Cardinality: [0..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 RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»	Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType» Cardinality: [0..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 REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»	Target: Public EO_GET_TRANS_HEADER (Class) EOGetTransactionHeader «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 RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)
Source: Public (Class) EOGetTransactionResponse «XSDcomplexType»	Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType» Cardinality: [0..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 REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)
Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType»	Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «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 UPDATE_POS_RESP_HEADER (Class) EOUpdatePOSResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [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 EO_UPD_REJECTED_TRANS_HEADER (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «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
<ul style="list-style-type: none"> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
<ul style="list-style-type: none"> SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS				
<ul style="list-style-type: none"> Association (direction: Source -> Destination) 				
<table border="0"> <tr> <td>Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»</td> <td>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</td> </tr> <tr> <td></td> <td>Cardinality: [1]</td> </tr> </table>	Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»		Cardinality: [1]
Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»			
	Cardinality: [1]			
<ul style="list-style-type: none"> Association (direction: Source -> Destination) 				
<table border="0"> <tr> <td>Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»</td> <td>Target: Public EO_UPD_REJECTED_TRANS_RESPONSE (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType»</td> </tr> <tr> <td></td> <td>Cardinality: [0..1]</td> </tr> </table>	Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»	Target: Public EO_UPD_REJECTED_TRANS_RESPONSE (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType»		Cardinality: [0..1]
Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»	Target: Public EO_UPD_REJECTED_TRANS_RESPONSE (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType»			
	Cardinality: [0..1]			

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				
<ul style="list-style-type: none"> Association (direction: Source -> Destination) 				
<table border="0"> <tr> <td>Source: Public (Class) ErrorResponse «XSDcomplexType»</td> <td>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</td> </tr> <tr> <td></td> <td>Cardinality: [1]</td> </tr> </table>	Source: Public (Class) ErrorResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»		Cardinality: [1]
Source: Public (Class) ErrorResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»			
	Cardinality: [1]			



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

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 RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateResponse «XSDcomplexType»	Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [0..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 GAS_INJ_REQ_HEADER (Class) GetInjectionRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «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 GAS_INJECTION_RESPONSE (Class) GetInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetInjectionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [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 REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»	Target: Public EO_ID_HEADER (Class) EOIdHeader «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 -> Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»</p>	<p>Target: Public SC_ID_HEADER (Class) SCIdHeader «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 -> Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> 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	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



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
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19




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

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

ASSOCIATIONS

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

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



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

3.1.62 Structure of the search response payload

3.1.62.1 Internal structure of the zip archive diagram

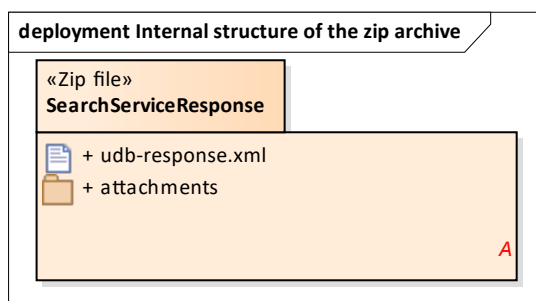


Figure 62: Internal structure of the zip archive

3.1.63 MatrixSpecification1

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

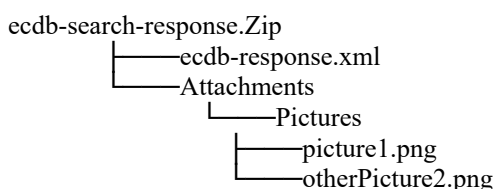
3.1.63.1 SearchServiceResponse

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

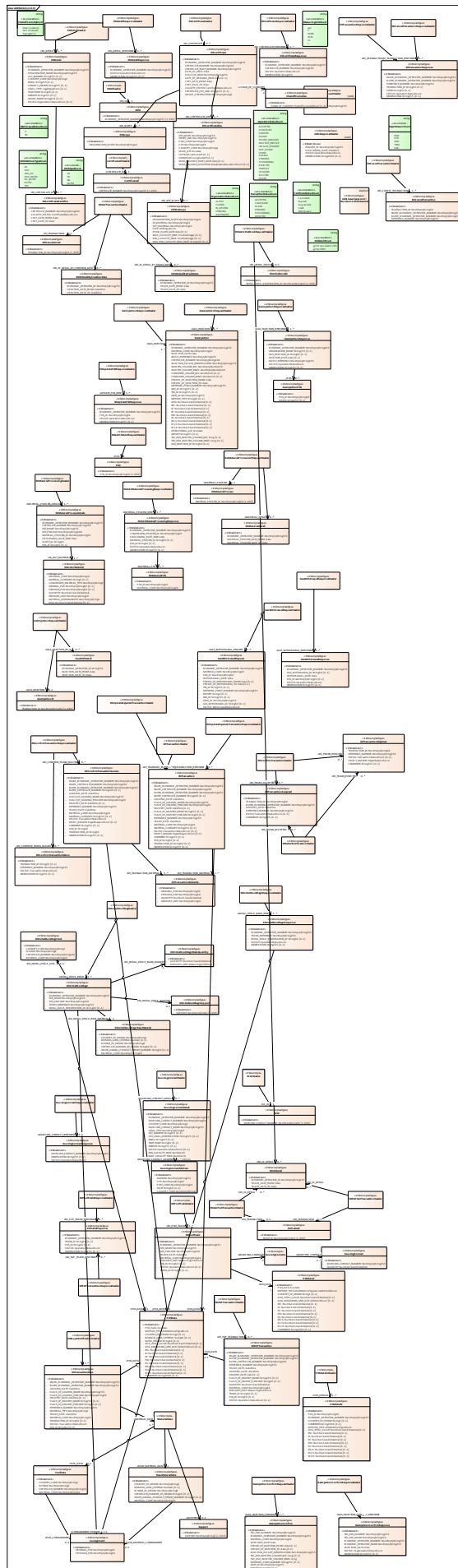




Figure 63: UDBModel (v1.0.0)

4.2 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]


4.3 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]

4.4 ChainOfCustodies

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

ATTRIBUTES	
 CHAIN_OF_CUSTODY : ChainOfCustodyEnum Multiplicity: ([1..3], Allow duplicates: 0) Stereotype is «XSDelement»	

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

4.5 Consignment

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

ATTRIBUTES	
◆	ORIGINAL_POS : NonEmptyString50
◆	PREVIOUS_POS : NonEmptyString50

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInitialStockRegnResponse «XSDcomplexType»</p>	<p>Target: Public CONSIGNMENT_POS (Class) Consignment «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) RawMaterialData «XSDcomplexType»</p>	<p>Target: Public RAW_MATERIAL_CONSIGNMENT (Class) Consignment «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public CONSIGNMENT_POS (Class) Consignment «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) FuelData «XSDcomplexType»</p>	<p>Target: Public FUEL_CONSIGNMENT (Class) Consignment «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

4.6 EOAddMaterialProcessingResponse

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

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

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

4.7 EOAddMaterialProcessingResponseHeader

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

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

4.8 EOBuyerNotificationHeader

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

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

4.9 EOCancelTransaction

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

ATTRIBUTES
TRANSACTION_ID : NonEmptyString50
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
REFERENCE_NUMBER : NonEmptyString255

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

4.10 EOCancelTransactionHeader

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

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

4.11 EOCancelTransactionResponseHeader

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

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

4.12 EOCertificate

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

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

ASSOCIATIONS
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p> <p>Target: Public CHAIN_OF_CUSTODIES (Class) ChainOfCustodies «XSDcomplexType» Cardinality: [1]</p>
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p> <p>Target: Public EO_CERTIFICATE_SITE (Class) EOCertificateSite «XSDcomplexType» Cardinality: [1..*]</p>
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p> <p>Target: Public EO_SCOPE (Class) EOScope «XSDcomplexType» Cardinality: [1..*]</p>
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCertificateHeader «XSDcomplexType»</p> <p>Target: Public EO_CERTIFICATE (Class) EOCertificate «XSDcomplexType» Cardinality: [0..*]</p>

4.13 EOCertificateHeader

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

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

4.14 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	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EODetail «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_ID (Class) EOCertificateIdentifier «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>

4.15 EOCertificateResponse

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

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

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

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

4.16 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	
<p>✍ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCertificateSite «XSDcomplexType»</p>	<p>Target: Public EO_SITE_SCOPE (Class) EOSiteScope «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>✍ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_SITE (Class) EOCertificateSite «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>

4.17 EOCertificateResponseHeader

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

ASSOCIATIONS

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

4.18 EOConfirmTransactionFailure

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


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

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

4.19 EOConfirmTransactionHeader




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

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

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









4.20 EOConfirmTransactionResponseHeader

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

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

4.21 EOConfirmTransactionSuccess

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

ATTRIBUTES
 SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
 SELLER_CERTIFICATE_NUMBER : NonEmptyString100
 BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
 BUYER_CERTIFICATE_NUMBER : String100 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»
 LOADING_DATE : dateTime
 PLACE_OF_LOADING_NAME : NonEmptyString255
 PLACE_OF_LOADING_PINCODE : NonEmptyString20
 DELIVERY_DATE : dateTime Multiplicity: ([0..1], Allow duplicates: 0)

ATTRIBUTES
Stereotype is «XSDelement»
REFERENCE_NUMBER : NonEmptyString255
TRADE_DATE : dateTime
MATERIAL_CODE : NonEmptyString10
MATERIAL_CATEGORY : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
STATUS : TransactionStatusEnum
REJECT_REASON : RejectReasonEnum Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
COMMENT : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
POS_ID : String50
TRANSACTION_ID : String50
OBSERVATION : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»

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

4.22 EODetail

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


ATTRIBUTES
ECONOMIC_OPERATOR_NUMBER : NonEmptyString255 Economic Operator Identification



ATTRIBUTES
This is National identification code/Business registration code
♦ ORGANISATION_NAME : NonEmptyString255 Economic Operator Name
♦ VAT_NUMBER : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement» Economic Operator VAT Number
♦ COUNTRY_CODE : NonEmptyString2 Economic Operator Country Code (ISO)
♦ EMAIL : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»
♦ CONTACT_PERSON : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»
♦ LEGAL_TYPE : LegalTypeEnum 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»
♦ GROUP_NAME : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»
♦ STATUS : OrganisationStatusEnum Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»

ASSOCIATIONS
/ Association (direction: Source -> Destination) Source: Public (Class) EODetail «XSDcomplexType» Target: Public EO_CERTIFICATE_ID (Class) EOCertificateIdentifier «XSDcomplexType» Cardinality: [0..*]
/ Association (direction: Source -> Destination) Source: Public (Class) EODetailByVSHeader «XSDcomplexType» Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType» Cardinality: [0..*]
/ Association (direction: Source -> Destination) Source: Public (Class) EODetailHeader «XSDcomplexType» Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType» Cardinality: [1..*]

4.23 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 <VS does not exist></p> <p>VSXX0001</p>

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

4.24 EODetailHeader




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

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

4.25 EODetailResponse

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



ATTRIBUTES

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 -> Destination)</p> <p>Source: Public (Class) EODetailResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_DETAIL_RESPONSE (Class) EODetailResponse «XSDcomplexType» Cardinality: [1..*]</p>




4.26 EODetailResponseHeader

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

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

4.27 EOFGPGetTransactionHeader

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

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

4.28 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 : date 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»
◆	STATUS : OperationStatusEnum Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»

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

4.29 EOFGPTransactionHeader

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

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

4.30 EOFGPTransactionResponseHeader

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

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOFGPTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_FGP_TRADE_RESPONSE (Class) EOTradeResponse «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_FGP_TRANS_RESP_HEADER (Class) EOFGPTransactionResponseHeader «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

4.31 EOGetInitialStockRequestHeader

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

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

ASSOCIATIONS	
	Cardinality: [0..1]
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType»</p> <p>Target: Public EO_GET_INITIAL_STOCK_HEADER (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</p>	

4.32 EOGetPOSListRequestHeader

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

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

4.33 EOGetPoOTransactionHeader

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

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

4.34 EOGetTransactionHeader

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

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

4.35 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 -> 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 -> 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 -> Destination)</p> <p>Source: Public (Class) EOFGPGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>

4.36 EOIDDetailByCreationDate




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


ATTRIBUTES	
	ECONOMIC_OPERATOR_ID : NonEmptyString255
	CREATION_DATE_FROM : dateTime
	CREATION_DATE_TO : dateTime

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

4.37 EOIDDetailByTradeDate


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


ATTRIBUTES	
	ECONOMIC_OPERATOR_ID : NonEmptyString255
	TRADE_DATE_FROM : date
	TRADE_DATE_TO : date

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»	Target: Public EO_ID_DETAIL_BY_TRADE_DATE (Class) EOIDDetailByTradeDate «XSDcomplexType» Cardinality: [0..*]

4.38 EOId

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

ATTRIBUTES	
	ECONOMIC_OPERATOR_NUMBER : NonEmptyString255 Multiplicity: ([1..999], Allow duplicates: 0) Stereotype is «XSDElement»

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

ASSOCIATIONS

4.39 EOIdHeader

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

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) EOIdHeader «XSDcomplexType»

Target: Public EO_ID (Class) EOId «XSDcomplexType»
Cardinality: [1]

Association (direction: Source -> Destination)

Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»

Target: Public EO_ID_HEADER (Class) EOIdHeader «XSDcomplexType»
Cardinality: [1]

4.40 EOInOutMaterial

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

ATTRIBUTES

MATERIAL_CODE : NonEmptyString10

MATERIAL_CATEGORY : String5
Multiplicity: ([0..1], Allow duplicates: 0)
Stereotype is «XSDelement»

CONVERSION_MATERIAL_TYPE : NonEmptyString3

ORIGINAL_POS : NonEmptyString50
Multiplicity: ([0..1], Allow duplicates: 0)
Stereotype is «XSDelement»
Optional for Add Request and Mandatory for Get Response

PREVIOUS_POS : NonEmptyString50
Multiplicity: ([0..1], Allow duplicates: 0)
Stereotype is «XSDelement»
Optional for Add Request and Mandatory for Get Response

QUANTITY : Number13and6Decimal

MEASURE_UNIT : NonEmptyString20

MATERIAL_SUSTAINABILITY : NonEmptyString3

GHG : Number14and2Decimal
Multiplicity: ([0..1], Allow duplicates: 0)
Stereotype is «XSDelement»

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) EOMaterialProcessDetails «XSDcomplexType»

Target: Public IN_OUT_MATERIAL (Class) EOInOutMaterial «XSDcomplexType»

ASSOCIATIONS
Cardinality: [1..*]

4.41 EOInitialStockId

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

ATTRIBUTES
<ul style="list-style-type: none"> INITIAL_STOCK_REGISTRATION_ID : NonEmptyString50 Multiplicity: ([1..999], Allow duplicates: 0) Stereotype is «XSDElement»

ASSOCIATIONS
<ul style="list-style-type: none"> Association (direction: Source -> Destination)
<p>Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</p> <p>Target: Public EO_INITIAL_STOCK (Class) EOInitialStockId «XSDcomplexType» Cardinality: [0..1]</p>

4.42 EOInitialStockRegHeader

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

ASSOCIATIONS
<ul style="list-style-type: none"> Association (direction: Source -> Destination)
<p>Source: Public (Class) EOInitialStockRegHeader «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REGN (Class) EOInitialStockRegn «XSDcomplexType» Cardinality: [1..*]</p>
<ul style="list-style-type: none"> Association (direction: Source -> Destination)
<p>Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [1]</p>
<ul style="list-style-type: none"> Association (direction: Source -> Destination)
<p>Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [0..1]</p>

4.43 EOInitialStockRegn

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

ATTRIBUTES
<ul style="list-style-type: none"> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
<ul style="list-style-type: none"> SITE_NAME : NonEmptyString255
<ul style="list-style-type: none"> SITE_PINCODE : NonEmptyString100

ATTRIBUTES
<p>◆ TRADE_REFERENCE : NonEmptyString255</p>
<p>◆ INITIAL_STOCK_REGISTRATION_ID : String50 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 -> 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 -> 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 -> 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 -> Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public EO_INITIAL_STOCK_MAIN_QUANTIY (Class) EOInitialStockRegnMainQuantity «XSDcomplexType» Cardinality: [1]</p>
<p>✓ Association (direction: Source -> 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 -> Destination)</p> <p>Source: Public (Class) EOInitialStockRegHeader «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REGN (Class) EOInitialStockRegn «XSDcomplexType» Cardinality: [1..*]</p>

4.44 EOInitialStockRegnFuel

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

ATTRIBUTES
<ul style="list-style-type: none"> COUNTRY_CODE : NonEmptyString2
<ul style="list-style-type: none"> SCHEME : NonEmptyString8
<ul style="list-style-type: none"> CERTIFICATE_NUMBER : NonEmptyString100
<ul style="list-style-type: none"> MATERIAL_CODE : NonEmptyString10

ASSOCIATIONS	
<ul style="list-style-type: none"> Association (direction: Source -> Destination) 	
<p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK_FUEL (Class) EOInitialStockRegnFuel «XSDcomplexType» Cardinality: [0..1]</p>

4.45 EOInitialStockRegnMainQuantity

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


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


ASSOCIATIONS	
<ul style="list-style-type: none"> Association (direction: Source -> Destination) 	
<p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK_MAIN_QUANTIY (Class) EOInitialStockRegnMainQuantity «XSDcomplexType» Cardinality: [1]</p>

4.46 EOInitialStockRegnRawMaterial

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






ATTRIBUTES
<ul style="list-style-type: none"> COUNTRY_OF_ORIGIN : NonEmptyString2
<ul style="list-style-type: none"> BIOMASS_LAND_CRITERIA : boolean Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
<ul style="list-style-type: none"> SCHEME_OF_ORIGIN : NonEmptyString8
<ul style="list-style-type: none"> CERTIFICATE_NUMBER_OF_ORIGIN : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
<ul style="list-style-type: none"> 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) EOInitialStockRegn «XSDcomplexType»	Target: Public EO_INITIAL_STOCK_RAW_MATERIAL (Class) EOInitialStockRegnRawMaterial «XSDcomplexType» Cardinality: [1]

4.47 EOInitialStockRegnResponse


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


ATTRIBUTES	
 ECONOMIC_OPERATOR_NUMBER : NonEmptyString255	
 TRADE_REFERENCE : NonEmptyString255	
 INITIAL_STOCK_REGISTRATION_ID : 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) EOInitialStockRegnResponse «XSDcomplexType»	Target: Public CONSIGNMENT_POS (Class) Consignment «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOInitialStockRegnResponseHeader «XSDcomplexType»	Target: Public INITIAL_STOCK_REGN_RESP (Class) EOInitialStockRegnResponse «XSDcomplexType» Cardinality: [1..*]

4.48 EOInitialStockRegnResponseHeader

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


ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOInitialStockRegnResponseHeader «XSDcomplexType»	Target: Public INITIAL_STOCK_REGN_RESP (Class) EOInitialStockRegnResponse

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

4.49 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 -> Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public EO_INITIAL_STOCK_SUPPORT (Class) EOInitialStockRegnSupport «XSDcomplexType» Cardinality: [0..1]</p>	

4.50 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 -> Destination)</p> <p>Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType»</p> <p>Target: Public MATERIAL_DETAIL (Class) EOMaterialDetail «XSDcomplexType» Cardinality: [0..*]</p>	

4.51 EOMaterialPOS

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

ATTRIBUTES

ATTRIBUTES
<ul style="list-style-type: none"> POS_ID : NonEmptyString50
<ul style="list-style-type: none"> MATERIAL_CODE : NonEmptyString10

ASSOCIATIONS	
<ul style="list-style-type: none"> Association (direction: Source -> Destination) 	
<p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public MATERIAL_POS (Class) EOMaterialPOS «XSDcomplexType» Cardinality: [1..*]</p>

4.52 EOMaterialProcess

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

ATTRIBUTES
<ul style="list-style-type: none"> MATERIAL_PROCESS_ID : NonEmptyString50 Multiplicity: ([1..999], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS	
<ul style="list-style-type: none"> Association (direction: Source -> Destination) 	
<p>Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS (Class) EOMaterialProcess «XSDcomplexType» Cardinality: [0..1]</p>

4.53 EOMaterialProcessDetails

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

ATTRIBUTES
<ul style="list-style-type: none"> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
<ul style="list-style-type: none"> CERTIFICATE_NUMBER : NonEmptyString100
<ul style="list-style-type: none"> SITE_NAME : NonEmptyString255
<ul style="list-style-type: none"> SITE_PINCODE : NonEmptyString100
<ul style="list-style-type: none"> MATERIAL_PROCESS_ID : NonEmptyString50
<ul style="list-style-type: none"> PROCESSING_DATE_TIME : date
<ul style="list-style-type: none"> SCOPE_ID : String10
<ul style="list-style-type: none"> 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

ASSOCIATIONS

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOMaterialProcessDetails «XSDcomplexType»</p>	<p>Target: Public IN_OUT_MATERIAL (Class) EOInOutMaterial «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOMaterialProcessingHeader «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_DETAILS (Class) EOMaterialProcessDetails «XSDcomplexType» Cardinality: [1..*]</p>

4.54 EOMaterialProcessingHeader

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

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

4.55 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)</p>

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

4.56 EOPoOTradeHeader

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

ASSOCIATIONS
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOPoOTradeHeader «XSDcomplexType» Target: Public EO_POO_TRADE (Class) EOPoOTrade «XSDcomplexType» Cardinality: [1..*]</p>
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddPoOTradeRequest «XSDcomplexType» Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType» Cardinality: [1]</p>
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType» Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType» Cardinality: [0..1]</p>

4.57 EOPoOTradeResponseHeader

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

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

4.58 EO_Scope

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

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

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EODetailByVSHheader «XSDcomplexType»</p>	<p>Target: Public EO_SCOPE (Class) EO_Scope «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p>	<p>Target: Public EO_SCOPE (Class) EO_Scope «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>

4.59 EO_SellerNotificationHeader

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

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EO_SellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_ACCEPTED (Class) EOTransactionAccepted «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EO_SellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) TransactionSellerNotification «XSDcomplexType»</p>	<p>Target: Public SELLER_NOTIFICATION_HEADER (Class)</p>

ASSOCIATIONS
EOSellerNotificationHeader «XSDcomplexType» Cardinality: [1]

4.60 EOSiteScope

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

ATTRIBUTES
<ul style="list-style-type: none"> ORGANISATION_SCOPE : NonEmptyString10
<ul style="list-style-type: none"> IN_MATERIAL : NonEmptyString32
<ul style="list-style-type: none"> OUT_MATERIAL : NonEmptyString32
<ul style="list-style-type: none"> GHG : GHGTypeEnum
<ul style="list-style-type: none"> PROD_PLANT_DATE : date Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
<ul style="list-style-type: none"> MAX_CAPACITY_YEAR : PositiveInteger Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
<ul style="list-style-type: none"> REN_CAPACITY_YEAR : PositiveInteger Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
<ul style="list-style-type: none"> MAX_REN_CAPACITY_YEAR_UNITS : String100 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» <p>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
<ul style="list-style-type: none"> Association (direction: Source -> Destination)
<p>Source: Public (Class) EOCertificateSite «XSDcomplexType»</p> <p>Target: Public EO_SITE_SCOPE (Class) EOSiteScope «XSDcomplexType» Cardinality: [0..*]</p>

4.61 EOTradeID

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

ATTRIBUTES
<ul style="list-style-type: none"> TRADE_ID : NonEmptyString50 Multiplicity: ([1..999], Allow duplicates: 0)

ATTRIBUTES
Stereotype is «XSDelement»

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

4.62 EOTradeResponse

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

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

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

4.63 EOTransaction

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

ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255

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>PLACE_OF_LOADING_NAME : NonEmptyString255</p>
<p>PLACE_OF_LOADING_PINCODE : NonEmptyString20</p>
<p>DELIVERY_DATE : dateTime Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>PLACE_OF_DELIVERY_NAME : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>PLACE_OF_DELIVERY_PINCODE : String20 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) Stereotype is «XSDelement»</p>
<p>COMMENT : String255 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>TRANSACTION_ID : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>OBSERVATION : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

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

ASSOCIATIONS	
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) 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..*]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType»	Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransaction «XSDcomplexType» Cardinality: [0..*]

4.64 EOTransactionAccepted

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

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

ASSOCIATIONS	
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOSellerNotificationHeader «XSDcomplexType»	Target: Public EO_TRANS_ACCEPTED (Class) EOTransactionAccepted «XSDcomplexType» Cardinality: [0..*]
/ Association (direction: Source -> Destination)	

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

4.65 EOTransactionData

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

ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
LOADING_DATE : dateTime
PLACE_OF_LOADING_NAME : NonEmptyString255
PLACE_OF_LOADING_PINCODE : NonEmptyString20
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»
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
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOTransactionData «XSDcomplexType»</p> <p>Target: Public MATERIAL_DATA (Class) MaterialData «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -> Destination)</p>

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

4.66 EOTransactionHeader

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

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

4.67 EOTransactionId

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

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

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

4.68 EOTransactionMaterials

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

ATTRIBUTES
ORIGINAL_POS : NonEmptyString50
PREVIOUS_POS : NonEmptyString50
QUANTITY : Number13and6Decimal
MEASURE_UNIT : NonEmptyString10

ASSOCIATIONS
<p>Association (direction: Source -> 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 -> Destination)</p> <p>Source: Public (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [1..*]</p>

4.69 EOTransactionRejected

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

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

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

4.70 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	
<p>✍ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransactionResponse «XSDcomplexType» Cardinality: [0..*]</p>
<p>✍ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCancelTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransactionResponse «XSDcomplexType» Cardinality: [0..*]</p>

4.71 EOTransactionResponseHeader

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

ASSOCIATIONS	
<p>✍ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransactionResponse «XSDcomplexType» Cardinality: [0..*]</p>
<p>✍ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_RESP_HEADER (Class) EOTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

4.72 EOUpdatePOSResponse

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

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

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

4.73 EOUpdatePOSResponseHeader

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

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

4.74 EOUpdateRejectedTransactionHeader

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

ASSOCIATIONS
<ul style="list-style-type: none"> Association (direction: Source -> Destination)
<p>Source: Public (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]</p>
<ul style="list-style-type: none"> Association (direction: Source -> Destination)
<p>Source: Public (Class) EOUpdateRejectedTransactionRequest</p> <p>Target: Public</p>

ASSOCIATIONS	
«XSDcomplexType»	EO_UPD_REJECTED_TRANS_HEADER (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType» Cardinality: [1]

4.75 EOUpdateRejectedTransactionResponseHeader

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

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

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

4.77 GasEOIDDetail

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

ATTRIBUTES	
	ECONOMIC_OPERATOR_ID : String255
	INJECTION_DATE_FROM : date
	INJECTION_DATE_TO : date

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»	Target: Public GAS_INJECTION_EO_ID (Class) GasEOIDDetail «XSDcomplexType» Cardinality: [0..*]

4.78 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.
	TSO_ID : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» Either DSO/TSO has to be filled.

ATTRIBUTES
<p>◆ GRID_ID : NonEmptyString255</p>
<p>◆ METHOD_TYPE : 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>◆ GHG : Number14and2Decimal 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 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ OPERATIONAL_AID : boolean Yes(1) / No(0) - default = 0</p>
<p>◆ IMPORT : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ TSO_DSO_INJECTED_VOLUME_M3 : long Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ TSO_DSO_INJECTED_VOLUME_MWh : long Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ GAS_INJECTION_ID : String50 Multiplicity: ([0..1], Allow duplicates: 0)</p>

ATTRIBUTES	
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..*]

4.79 GasInjectionConfirm



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

ATTRIBUTES	
◆ TSO_DSO_NUMBER : NonEmptyString255 Either DSO/TSO has to be filled.	
◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255	
◆ MATERIAL_CODE : NonEmptyString10	
◆ INJECTION_DATE : date	
◆ PERIOD_OF_INJECTION_FROM : date Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
◆ PERIOD_OF_INJECTION_TO : date Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
◆ INJECTION_FACILITY_IDENTIFICATION : NonEmptyString255	
◆ 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	
◆ IMPORT : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
ASSOCIATIONS	
/ Association (direction: Source -> Destination)	

ASSOCIATIONS	
Source: Public (Class) GasInjectionConfirmRequestHeader «XSDcomplexType»	Target: Public GAS_INJECTION_CONFIRM (Class) GasInjectionConfirm «XSDcomplexType» Cardinality: [1..*]








4.80 GasInjectionConfirmRequestHeader


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

ASSOCIATIONS	
<p> Association (direction: Source -> Destination)</p>	
Source: Public (Class) GasInjectionConfirmRequestHeader «XSDcomplexType»	Target: Public GAS_INJECTION_CONFIRM (Class) GasInjectionConfirm «XSDcomplexType» Cardinality: [1..*]
<p> Association (direction: Source -> Destination)</p>	
Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJ_CONFIRM_REQ_HEADER (Class) GasInjectionConfirmRequestHeader «XSDcomplexType» Cardinality: [1]

4.81 GasInjectionConfirmResponse

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

ATTRIBUTES
<p> TSO_DSO_NUMBER : NonEmptyString255 Either DSO/TSO has to be filled.</p>
<p> TSO_DSO_NAME : NonEmptyString255 Either DSO/TSO has to be filled.</p>
<p> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p> ECONOMIC_OPERATOR_NAME : NonEmptyString255</p>
<p> INJECTION_DATE : date</p>
<p> STATUS : OrganisationStatusEnum SUCCESS / FAILED</p>
<p> OBSERVATION : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>

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

ASSOCIATIONS

4.82 GasInjectionConfirmResponseHeader

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

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) GasInjectionConfirmResponseHeader
«XSDcomplexType»

Target: Public
GAS_INJECTION_CONFIRM_RESPONSE
(Class) GasInjectionConfirmResponse
«XSDcomplexType»
Cardinality: [0..*]

Association (direction: Source -> Destination)

Source: Public (Class) ConfirmGasInjectionResponse
«XSDcomplexType»

Target: Public
GAS_INJ_CONFIRM_RESP_HEADER (Class)
GasInjectionConfirmResponseHeader
«XSDcomplexType»
Cardinality: [0..1]

4.83 GasInjectionId

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

ATTRIBUTES

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

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) GetInjectionRequestHeader
«XSDcomplexType»

Target: Public GAS_INJECTION (Class)
GasInjectionId «XSDcomplexType»
Cardinality: [0..1]


4.84 GasInjectionPOS

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

ATTRIBUTES




POS_ID : NonEmptyString50
For each Mwh of Injected data a POS is created and the list of POS must be sent in the response.

STATUS : String255
Multiplicity: ([0..1], Allow duplicates: 0)
Stereotype is «XSDElement»
For each Mwh of Consumed volume status has to be set to Consumed

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








4.85 GasInjectionRequestHeader

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

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

4.86 GasInjectionResponse

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

ATTRIBUTES
 ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
 ORGANISATION_NAME : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»
 GAS_INJECTION_ID : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»
 INJECTION_DATE : date Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»
 BATCH_REFERENCE : NonEmptyString255
 STATUS : OperationStatusEnum
 OBSERVATION : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»

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

4.87 GasInjectionResponseHeader








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


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

4.88 GasWithdrawalRequest

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



ATTRIBUTES
<p>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>MATERIAL_CODE : NonEmptyString10</p>
<p>POS_ID : NonEmptyString50</p>
<p>WITHDRAWAL_DATE : date</p>
<p>PERIOD_OF_WITHDRAWAL_FROM : date Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>PERIOD_OF_WITHDRAWAL_TO : date Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ATTRIBUTES
<p> TSO_ID : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> METERING_POINT_NUMBER : NonEmptyString255</p>
<p> EXPORT : String2 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> DSO_ID : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> GRID_ID : NonEmptyString255</p>
<p> GAS_WITHDRAWAL_ID : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> STATUS : WithdrawalStatusEnum</p>

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

4.89 GasWithdrawalRequestHeader







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


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

4.90 GasWithdrawalResponse

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



ATTRIBUTES

ATTRIBUTES	
	ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
	GAS_WITHDRAWAL_ID : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
	WITHDRAWAL_DATE : date
	POS_ID : NonEmptyString50 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) GasWithdrawalResponseHeader «XSDcomplexType»	Target: Public GAS_WITHDRAWAL_RESPONSE (Class) GasWithdrawalResponse «XSDcomplexType» Cardinality: [0..*]

4.91 GasWithdrawalResponseHeader

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

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

4.92 GetInjectionRequestHeader

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

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»	Target: Public GAS_INJECTION_EO_ID (Class) GasEOIDDetail «XSDcomplexType» Cardinality: [0..*]

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

4.93 GetInjectionResponseHeader

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

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

4.94 GetMaterialProcessListRequestHeader

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

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

4.95 MainQuantity

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

ATTRIBUTES
<p>◆ QUANTITY : Number13and6Decimal</p>
<p>◆ MEASURE_UNIT : MeasuringUnitEnum</p>

4.96 MaterialData

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

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

4.97 POS

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

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

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

4.98 POSData

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







ATTRIBUTES
<p>◆ POS_FLAG : boolean</p>
<p>◆ METHOD_TYPE : GHGMethodTypeEnum</p>
<p>◆ COUNTRY_OF_ORIGIN : String2 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p>◆ BIOMASS_LAND_CRITERIA : boolean Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p>◆ NUTS2_REGION : String10 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 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p>◆ COMMENTS : String2000 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>


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

4.99 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>



ATTRIBUTES
<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 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> COMMENTS : String2000 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

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

4.100 POSDetails

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




ATTRIBUTES
<p> POS_ID : NonEmptyString50</p>
<p> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p> COUNTRY_OF_ORIGIN : String2 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> COMMENTS : String2000 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> METHOD_TYPE : GHGMethodTypeEnum</p>
<p> GHG_TOTAL_VALUE : Number14and2Decimal 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</p>

ATTRIBUTES
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»
 ECCS : Number14and2Decimal Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 ECCR : Number14and2Decimal 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..*]

4.101 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]

4.102 RawMaterialData

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

ATTRIBUTES
<p>◆ COUNTRY_OF_ORIGIN : NonEmptyString2</p>
<p>◆ BIOMASS_LAND_CRITERIA : boolean Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ SCHEME_OF_ORIGIN : NonEmptyString8</p>
<p>◆ CERTIFICATE_NUMBER_OF_ORIGIN : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<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 -> Destination)</p> <p>Source: Public (Class) RawMaterialData «XSDcomplexType»</p> <p>Target: Public RAW_MATERIAL_CONSIGNMENT (Class) Consignment «XSDcomplexType» Cardinality: [0..1]</p>
<p>◆ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p> <p>Target: Public RAW_MATERIAL_DATA (Class) RawMaterialData «XSDcomplexType» Cardinality: [1]</p>

4.103 SCId

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

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

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

4.104 SCIdHeader

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

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

4.105 SourcingContact

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

ATTRIBUTES
<p>SOURCING_CONTACT_NUMBER : NonEmptyString255</p>
<p>QUANTITY : Number10and3Decimal</p>

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

4.106 SourcingContactAddress






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



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

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

4.107 SourcingContactDetail

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

ATTRIBUTES	
	ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
	SOURCING_CONTACT_NUMBER : NonEmptyString50
	COUNTRY_CODE : NonEmptyString2
	SOURCING_CONTACT_NAME : NonEmptyString255
	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	
	Association (direction: Source -> Destination) Source: Public (Class) SourcingContactDetail «XSDcomplexType» Target: Public SOURCING_CONTACT_ADDRESS (Class) SourcingContactAddress «XSDcomplexType» Cardinality: [1..*]
	Association (direction: Source -> Destination) Source: Public (Class) SourcingContactHeader «XSDcomplexType» Target: Public SOURCING_CONTACT_DETAIL (Class) SourcingContactDetail «XSDcomplexType» Cardinality: [0..*]

4.108 SourcingContactHeader

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

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

4.109 SourcingContactResponse

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

ATTRIBUTES
<p>SOURCING_CONTACT_NUMBER : NonEmptyString50</p>
<p>OBSERVATION : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p>STATUS : OperationStatusEnum</p>

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

4.110 SourcingContactResponseHeader

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

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) SourcingContactResponseHeader «XSDcomplexType»</p>	<p>Target: Public SOURCING_CONTACT_RESPONSE (Class) SourcingContactResponse «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»</p>	<p>Target: Public SOURCING_CONTACT_RESP_HEADER (Class) SourcingContactResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

4.111 SourcingContacts

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

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

4.112 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 -> Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p>	<p>Target: Public SUPPORT (Class) Support «XSDcomplexType» Cardinality: [0..1]</p>

4.113 UdbRequestHeader

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

UDB generic request header

ATTRIBUTES

◆ 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.

ASSOCIATIONS

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) TransactionSellerNotification «XSDcomplexType»
 Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»
 Cardinality: [1]

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

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

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

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) EOAddPoOTradeRequest «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) GetOrganisationByIDRequest «XSDcomplexType»
 Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»
 Cardinality: [1]

Association (direction: Source -> Destination)
 Source: Public (Class) EOAddInitialStockRegnRequest
 Target: Public REQUEST_HEADER (Class)

ASSOCIATIONS	
«XSDcomplexType»	UdbRequestHeader «XSDcomplexType» Cardinality: [1]
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddGasWithdrawalRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetSourcingContactListRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetPoOTradeRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddOrganisationRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p>




ASSOCIATIONS	
	Cardinality: [1]
<p>Association (direction: Source -> 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 -> 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 -> Destination)</p> <p>Source: Public (Class) GetCertificateRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetOrganisationListRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>








4.114 UdbResponseHeader

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

UDB Response header


ATTRIBUTES
<p>REQUEST_ID : NonEmptyString255</p>

ATTRIBUTES
<p>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 response is received will not match when the request was processed.</p>
<p> STATUS : OperationStatusEnum Status of the response: 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 -> Destination) Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType» Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination) Source: Public (Class) AuthorityAck «XSDcomplexType» Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination) Source: Public (Class) ConfirmGasInjectionResponse «XSDcomplexType» Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination) Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType» Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination) Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType» Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination) Source: Public (Class) EOGetTransactionResponse «XSDcomplexType» Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination) Source: Public (Class) EOAddTransactionResponse «XSDcomplexType» Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p>

ASSOCIATIONS	
	Cardinality: [1]
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetOrganisationListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetPOSListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddGasInjectionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) UpdateGasSustainabilityResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>






ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) ErrorResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddGasWithdrawalResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddOrganisationResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetInjectionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetFGPTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

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

4.115 CertificateStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'




Extends string

ATTRIBUTES
 Cancelled :
 Expired :
 Suspended :
 Valid :
 Withdrawn :

4.116 ChainOfCustodyEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string





ATTRIBUTES
 Mass balance :
 Not Assessed :
 Segregation :

4.117 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 :

4.118 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 :

4.119 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 :

4.120 GHGUnitEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

g CO2eq/dry-ton gCO2/DMT
 g CO2eq/MJ gCO2 equivalent /MJ

ATTRIBUTES
◆ gCO2 equivalent /MJ :
◆ gCO2/DMT :

4.121 LegalTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'
 Extends string

ATTRIBUTES
◆ LEGAL_ENTITY :
◆ NATURAL_PERSON :
◆ UNKNOWN :

4.122 MassbalanceDurationEnum

Enumeration in package 'UDBModel (v1.0.0)'
 Extends int

ATTRIBUTES
◆ 12 :
◆ 3 :

4.123 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 :

4.124 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.

4.125 OrganisationStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

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

ATTRIBUTES

4.126 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 :

4.127 TransactionStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

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

4.128 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

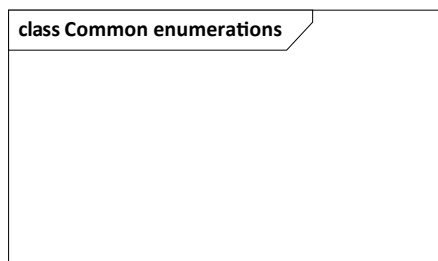


Figure 64: Common enumerations

5.1.1.2 UDB base types diagram

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

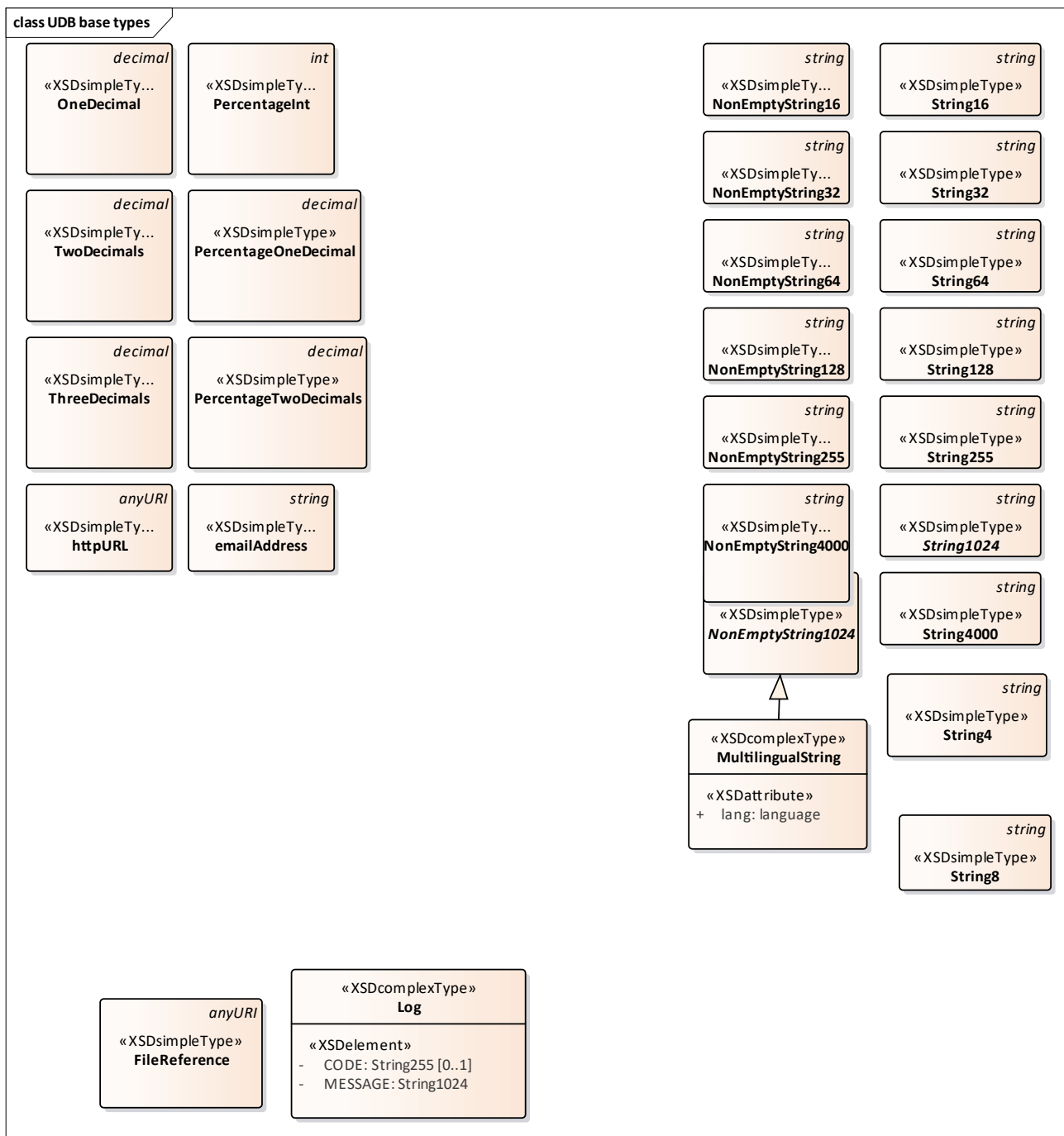


Figure 65: UDB base types

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

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"> ◆ lang : language Language in which the text is expressed. If the language is not specified, the default value will be applied ('en').

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 String30

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

Extends string

5.1.47 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).

5.1.48 String4

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

Extends string

Allowed 4 alphanumeric characters

5.1.49 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).

5.1.50 String5

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

Extends string

5.1.51 String50

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

Extends string

5.1.52 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).

5.1.53 String8

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

Extends string

5.1.54 ThreeDecimals

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

Extends decimal

Simple type only allowing decimal values with three decimal places.

5.1.55 TwoDecimals

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

Extends decimal

Simple type only allowing decimal values with two decimal places.

5.1.56 emailAddress

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

Extends string

Simple type for email addresses

5.1.57 httpURL

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

Extends anyURI

Simple type for an URL