



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

Date: 3/14/2024 2:05:52 PM

Version: 1.0.0

Authors: khajmoh

Status: Proposed

Visibility: Public

Table of Contents

1 Document History	11
1.1 Document History	11
1.2 Release note	12
1.2.1.1 0.0.1	12
1.2.1.2 0.0.2	12
1.2.1.3 0.0.3	12
1.2.1.4 0.0.4	13
1.2.1.5 0.0.5	13
1.2.1.6 0.0.6	13
1.2.1.7 0.0.7	13
1.2.1.8 0.0.8	13
1.2.1.9 0.0.9	13
1.2.1.10 0.1.0	13
1.2.1.11 0.1.1	14
1.2.1.12 0.1.2	14
1.2.1.13 0.1.3	14
1.2.1.14 0.1.4	14
1.2.1.15 0.1.5	14
1.2.1.16 0.1.6	15
1.2.1.17 0.1.7	15
1.2.1.18 0.1.8	15
1.2.1.19 0.1.9	15
1.2.1.20 0.2.0	15
1.2.1.21 0.2.1	15
1.2.1.22 0.2.2	16
1.2.1.23 0.2.3	16
1.2.1.24 0.2.4	16
1.2.1.25 1.0	16
2 Overview	18
2.1 Package diagram	18
3 Services	20
3.1 UDBService	20
3.1.1 Action: UDB service (v1.0.0)	20
3.1.1.1 UDB Service : Add Gas Injection Request diagram	20
3.1.1.2 UDB Service : Add Gas Injection Response diagram	21
3.1.1.3 UDB Service : Add Initial Stock Registration Request diagram	22
3.1.1.4 UDB Service : Add Initial Stock Registration Response diagram	23
3.1.1.5 UDB Service : Add Material Processing Request diagram	24
3.1.1.6 UDB Service : Add Material Processing Response diagram	26
3.1.1.7 UDB Service : Add Organisation Request diagram	28
3.1.1.8 UDB Service : Add Organisation Response diagram	28
3.1.1.9 UDB Service : Add Sourcing Contact Request diagram	29
3.1.1.10 UDB Service : Add Sourcing Contract Response diagram	30
3.1.1.11 UDB Service : Add Transaction Request diagram	31
3.1.1.12 UDB Service : Add Transaction Response diagram	32
3.1.1.13 UDB Service : Add Update Certificate Request diagram	33
3.1.1.14 UDB Service : Add Update Certificate Response diagram	34
3.1.1.15 UDB Service : Confirm Transaction Request diagram	35
3.1.1.16 UDB Service : Confirm Transaction Response diagram	36

3.1.1.17	UDB Service : Error Response diagram	37
3.1.1.18	UDB Service : Get Certificate Expiry Request diagram	38
3.1.1.19	UDB Service : Get Certificate Expiry Response diagram	38
3.1.1.20	UDB Service : Get Certificate Request diagram	39
3.1.1.21	UDB Service : Get Certificate Response diagram	40
3.1.1.22	UDB Service : Get Gas Injection Request diagram	41
3.1.1.23	UDB Service : Get Gas Injection Response diagram	42
3.1.1.24	UDB Service : Get Material Process List Request diagram	43
3.1.1.25	UDB Service : Get Material Process List Response diagram	44
3.1.1.26	UDB Service : Get POS List Request diagram	45
3.1.1.27	UDB Service : Get POS List Response diagram	46
3.1.1.28	UDB Service : Get Transaction Request diagram	47
3.1.1.29	UDB Service : Get Transaction Response diagram	48
3.1.1.30	UDB Service : Transaction Buyer Notification diagram	49
3.1.1.31	UDB Service : Transaction Seller Notification diagram	50
3.1.1.32	UDB Service : Update Gas Sustainability Request diagram	51
3.1.1.33	UDB Service : Update Gas Sustainability Response diagram	52
3.1.1.34	UDB Service : Update POS Request diagram	53
3.1.1.35	UDB Service : Update POS Response diagram	54
3.1.1.36	UDB service : Add FGP Transaction Request diagram	55
3.1.1.37	UDB service : Add FGP Transaction Response diagram	57
3.1.1.38	UDB service : Add Gas Withdrawal Request diagram	57
3.1.1.39	UDB service : Add Gas Withdrawal Response diagram	58
3.1.1.40	UDB service : Add Point of Origin Trade Request diagram	59
3.1.1.41	UDB service : Add Point of Origin Trade Response diagram	60
3.1.1.42	UDB service : Cancel Transaction Request diagram	61
3.1.1.43	UDB service : Cancel Transaction Response diagram	62
3.1.1.44	UDB service : Confirm Gas Injection Request diagram	63
3.1.1.45	UDB service : Confirm Gas Injection Respose diagram	64
3.1.1.46	UDB service : Get FGP Transaction Request diagram	65
3.1.1.47	UDB service : Get FGP Transaction Response diagram	66
3.1.1.48	UDB service : Get Initial Stock Request diagram	67
3.1.1.49	UDB service : Get Initial Stock Response diagram	68
3.1.1.50	UDB service : Get Point of Origin Trade Request diagram	69
3.1.1.51	UDB service : Get Point of Origin Trade Response diagram	70
3.1.1.52	UDB service : Get Sourcing Contact By ID Request diagram	71
3.1.1.53	UDB service : Get Sourcing Contact By ID Response diagram	72
3.1.1.54	UDB service : Get Sourcing Contact List Request diagram	73
3.1.1.55	UDB service : Get Sourcing Contact List Response diagram	74
3.1.1.56	UDB service : Update Rejected Transaction Request diagram	75
3.1.1.57	UDB service : Update Rejected Transaction Response diagram	76
3.1.1.58	UDB Service : Organisation List Request diagram	77
3.1.1.59	UDB Service : Organisation List Response diagram	78
3.1.1.60	UDB Service : Organisation by ID Request diagram	79
3.1.1.61	UDB Service : Organisation by ID Response diagram	80
3.1.1.62	AuthorityAck diagram	81
3.1.2	AddGasInjectionRequest	82
3.1.2.1	AddGasInjectionRequest	82
3.1.3	AddGasInjectionResponse	82
3.1.3.1	AddGasInjectionResponse	83
3.1.4	AddGasWithdrawalRequest	83
3.1.4.1	AddGasWithdrawalRequest	83
3.1.5	AddGasWithdrawalResponse	84
3.1.5.1	AddGasWithdrawalResponse	84

3.1.6	AddOrganisationRequest	84
3.1.6.1	AddOrganisationRequest	84
3.1.7	AddOrganisationResponse	85
3.1.7.1	AddOrganisationResponse	85
3.1.8	AddSourcingContactRequest	85
3.1.8.1	AddSourcingContactRequest	85
3.1.9	AddSourcingContactResponse	86
3.1.9.1	AddSourcingContactResponse	86
3.1.10	AddUpdateCertificateRequest	86
3.1.10.1	AddUpdateCertificateRequest	86
3.1.11	AddUpdateCertificateResponse	87
3.1.11.1	AddUpdateCertificateResponse	87
3.1.12	AuthorityAck	87
3.1.12.1	AuthorityAck	87
3.1.13	ConfirmGasInjectionRequest	88
3.1.13.1	ConfirmGasInjectionRequest	88
3.1.14	ConfirmGasInjectionResponse	88
3.1.14.1	ConfirmGasInjectionResponse	88
3.1.15	EOAddFGPTransactionRequest	89
3.1.15.1	EOAddFGPTransactionRequest	89
3.1.16	EOAddFGPTransactionResponse	89
3.1.16.1	EOAddFGPTransactionResponse	89
3.1.17	EOAddInitialStockRegnRequest	90
3.1.17.1	EOAddInitialStockRegnRequest	90
3.1.18	EOAddInitialStockRegnResponse	90
3.1.18.1	EOAddInitialStockRegnResponse	90
3.1.19	EOAddMaterialProcessingRequest	91
3.1.19.1	EOAddMaterialProcessingRequest	91
3.1.20	EOAddMaterialProcessingResponse	91
3.1.20.1	EOAddMaterialProcessingResponse	91
3.1.21	EOAddPoOTradeRequest	92
3.1.21.1	EOAddPoOTradeRequest	92
3.1.22	EOAddPoOTradeResponse	92
3.1.22.1	EOAddPoOTradeResponse	92
3.1.23	EOAddTransactionRequest	93
3.1.23.1	EOAddTransactionRequest	93
3.1.24	EOAddTransactionResponse	93
3.1.24.1	EOAddTransactionResponse	93
3.1.25	EOCancelTransactionRequest	94
3.1.25.1	EOCancelTransactionRequest	94
3.1.26	EOCancelTransactionResponse	94
3.1.26.1	EOCancelTransactionResponse	94
3.1.27	EOConfirmTransactionRequest	95
3.1.27.1	EOConfirmTransactionRequest	95
3.1.28	EOConfirmTransactionResponse	95
3.1.28.1	EOConfirmTransactionResponse	95
3.1.29	EOGetFGPTransactionRequest	96
3.1.29.1	EOGetFGPTransactionRequest	96
3.1.30	EOGetFGPTransactionResponse	96
3.1.30.1	EOGetFGPTransactionResponse	96
3.1.31	EOGetInitialStockRequest	97
3.1.31.1	EOGetInitialStockRequest	97
3.1.32	EOGetInitialStockResponse	97
3.1.32.1	EOGetInitialStockResponse	97

3.1.33	EOGetMaterialProcessListRequest	98
3.1.33.1	EOGetMaterialProcessListRequest	98
3.1.34	EOGetMaterialProcessListResponse	98
3.1.34.1	EOGetMaterialProcessListResponse	98
3.1.35	EOGetPOSListRequest	99
3.1.35.1	EOGetPOSListRequest	99
3.1.36	EOGetPOSListResponse	99
3.1.36.1	EOGetPOSListResponse	100
3.1.37	EOGetPoOTradeRequest	100
3.1.37.1	EOGetPoOTradeRequest	100
3.1.38	EOGetPoOTradeResponse	100
3.1.38.1	EOGetPoOTradeResponse	101
3.1.39	EOGetTransactionRequest	101
3.1.39.1	EOGetTransactionRequest	101
3.1.40	EOGetTransactionResponse	101
3.1.40.1	EOGetTransactionResponse	102
3.1.41	EOUpdatePOSRequest	102
3.1.41.1	EOUpdatePOSRequest	102
3.1.42	EOUpdatePOSResponse	102
3.1.42.1	EOUpdatePOSResponse	103
3.1.43	EOUpdateRejectedTransactionRequest	103
3.1.43.1	EOUpdateRejectedTransactionRequest	103
3.1.44	EOUpdateRejectedTransactionResponse	103
3.1.44.1	EOUpdateRejectedTransactionResponse	104
3.1.45	ErrorResponse	104
3.1.45.1	ErrorResponse	104
3.1.46	GetCertificateExpiryRequest	104
3.1.46.1	GetCertificateExpiryRequest	104
3.1.47	GetCertificateExpiryResponse	105
3.1.47.1	GetCertificateResponse	105
3.1.48	GetCertificateRequest	105
3.1.48.1	GetCertificateRequest	105
3.1.49	GetCertificateResponse	106
3.1.49.1	GetCertificateResponse	106
3.1.50	GetGasInjectionRequest	106
3.1.50.1	GetGasInjectionRequest	106
3.1.51	GetInjectionResponse	107
3.1.51.1	GetInjectionResponse	107
3.1.52	GetOrganisationByIDRequest	107
3.1.52.1	GetOrganisationByIDRequest	107
3.1.53	GetOrganisationByIDResponse	108
3.1.53.1	GetOrganisationByIDResponse	108
3.1.54	GetOrganisationListRequest	108
3.1.54.1	GetOrganisationListRequest	108
3.1.55	GetOrganisationListResponse	109
3.1.55.1	GetOrganisationListResponse	109
3.1.56	GetSourcingContactByIDRequest	109
3.1.56.1	GetSourcingContactByIDRequest	109
3.1.57	GetSourcingContactByIDResponse	110
3.1.57.1	GetSourcingContactByIDResponse	110
3.1.58	GetSourcingContactListRequest	110
3.1.58.1	GetSourcingContactListRequest	110
3.1.59	GetSourcingContactListResponse	111
3.1.59.1	GetSourcingContactListResponse	111

3.1.60	TransactionBuyerNotification	111
3.1.60.1	TransactionBuyerNotification	111
3.1.61	TransactionSellerNotification	112
3.1.61.1	TransactionSellerNotification	112
3.1.62	UpdateGasSustainabilityRequest	112
3.1.62.1	UpdateGasSustainabilityRequest	112
3.1.63	UpdateGasSustainabilityResponse	113
3.1.63.1	UpdateGasSustainabilityResponse	113
3.1.64	Structure of the search response payload	114
3.1.64.1	Internal structure of the zip archive diagram	114
3.1.65	MatrixSpecification1	114
3.1.65.1	SearchServiceResponse	114
3.1.66	Example of internal structure for a "Search service response" archive.	114
3.1.66.1	udb-response.xml	114
	· attachments	114
4	UDB model	115
4.1	UDBModel (v1.0.0)	115
4.1.1	UDBModel (v1.0.0) diagram	115
4.2	CertificateDetailsHeader	117
4.3	CertificateGHGType	117
4.4	CertificateId	117
4.5	CertificateIdHeader	118
4.6	ChainOfCustodies	118
4.7	Consignment	118
4.8	EOAddMaterialProcessingResponse	119
4.9	EOAddMaterialProcessingResponseHeader	119
4.10	EOBuyerNotificationHeader	120
4.11	EOCancelTransaction	120
4.12	EOCancelTransactionHeader	120
4.13	EOCancelTransactionResponseHeader	121
4.14	EOCertificate	121
4.15	EOCertificateDetails	122
4.16	EOCertificateHeader	123
4.17	EOCertificateIdentifier	123
4.18	EOCertificateResponse	123
4.19	EOCertificateSite	124
4.20	EOCertificateResponseHeader	125
4.21	EOConfirmTransactionFailure	125
4.22	EOConfirmTransactionHeader	125
4.23	EOConfirmTransactionResponseHeader	126
4.24	EOConfirmTransactionSuccess	126
4.25	EODetail	127
4.26	EODetailByVSHHeader	129
4.27	EODetailHeader	129
4.28	EODetailResponse	130
4.29	EODetailResponseHeader	130
4.30	EOFGPGetTransactionHeader	130
4.31	EOFGPTransaction	131
4.32	EOFGPTransactionHeader	132
4.33	EOFGPTransactionResponseHeader	132
4.34	EOGetInitialStockRequestHeader	133
4.35	EOGetPOSListRequestHeader	133
4.36	EOGetPoOTransactionHeader	133
4.37	EOGetTransactionHeader	134

4.38	EOIDDetail	134
4.39	EOIDDetailByCreationDate	135
4.40	EOIDDetailByTradeDate	135
4.41	EOId	136
4.42	EOIdHeader	136
4.43	EOInOutMaterial	136
4.44	EOInOutMaterialAndPOSHeader	137
4.45	EOInitialStockId	138
4.46	EOInitialStockRegHeader	138
4.47	EOInitialStockRegn	138
4.48	EOInitialStockRegnFuel	139
4.49	EOInitialStockRegnMainQuantity	140
4.50	EOInitialStockRegnRawMaterial	140
4.51	EOInitialStockRegnResponse	141
4.52	EOInitialStockRegnResponseHeader	141
4.53	EOInitialStockRegnSupport	142
4.54	EOMaterialDetail	142
4.55	EOMaterialPOS	142
4.56	EOMaterialProcess	143
4.57	EOMaterialProcessDetails	143
4.58	EOMaterialProcessingHeader	144
4.59	EOOutWasteMaterial	144
4.60	EOOutputMaterial	145
4.61	EOOutputMaterialPOS	145
4.62	EOPoOTrade	146
4.63	EOPoOTradeHeader	147
4.64	EOPoOTradeResponseHeader	148
4.65	EOScope	148
4.66	EOSellerNotificationHeader	149
4.67	EOSiteScope	149
4.68	EOTradeID	150
4.69	EOTradeResponse	150
4.70	EOTransaction	151
4.71	EOTransactionAccepted	152
4.72	EOTransactionAcceptedd	153
4.73	EOTransactionData	154
4.74	EOTransactionHeader	155
4.75	EOTransactionId	155
4.76	EOTransactionMaterials	155
4.77	EOTransactionRejected	156
4.78	EOTransactionResponse	157
4.79	EOTransactionResponseHeader	157
4.80	EOUpdatePOSResponse	158
4.81	EOUpdatePOSResponseHeader	158
4.82	EOUpdateRejectedTransactionHeader	158
4.83	EOUpdateRejectedTransactionResponseHeader	159
4.84	FuelData	159
4.85	GasEOIDDetail	160
4.86	GasInjection	160
4.87	GasInjectionConfirm	162
4.88	GasInjectionConfirmRequestHeader	163
4.89	GasInjectionConfirmResponse	163
4.90	GasInjectionConfirmResponseHeader	164
4.91	GasInjectionId	164

4.92	GasInjectionPOS	165
4.93	GasInjectionRequestHeader	165
4.94	GasInjectionResponse	165
4.95	GasInjectionResponseHeader	166
4.96	GasWithdrawalRequest	167
4.97	GasWithdrawalRequestHeader	167
4.98	GasWithdrawalResponse	168
4.99	GasWithdrawalResponseHeader	168
4.100	GetInjectionRequestHeader	169
4.101	GetInjectionResponseHeader	169
4.102	GetMaterialProcessListRequestHeader	169
4.103	MainQuantity	170
4.104	MaterialData	170
4.105	POS	171
4.106	POSData	171
4.107	POSDetail	173
4.108	POSDetails	174
4.109	POSDetailsHeader	176
4.110	RawMaterialData	176
4.111	SCId	177
4.112	SCIdHeader	177
4.113	SourcingContact	178
4.114	SourcingContactAddress	178
4.115	SourcingContactDetail	178
4.116	SourcingContactHeader	179
4.117	SourcingContactResponse	180
4.118	SourcingContactResponseHeader	180
4.119	SourcingContacts	181
4.120	Support	181
4.121	UdbRequestHeader	181
4.122	UdbResponseHeader	184
4.123	CertificateStatusEnum	188
4.124	ChainOfCustodyEnum	188
4.125	GHGAVDDVTypeEnum	188
4.126	GHGMethodTypeAnnexIXPartBEnum	189
4.127	GHGMethodTypeEnum	189
4.128	GHGNUTS2DDVTypeEnum	189
4.129	GHGTypeEnum	190
4.130	GHGUnitEnum	190
4.131	LegalTypeEnum	190
4.132	MassbalanceDurationEnum	190
4.133	MeasuringUnitEnum	191
4.134	OperationStatusEnum	191
4.135	OrganisationStatusEnum	192
4.136	OrganisationTypeEnum	192
4.137	RejectReasonEnum	192
4.138	TransactionStatusEnum	193
4.139	TransportModeEnum	193
4.140	WithdrawalStatusEnum	193
5	Common data types	195
5.1	UDB base types	195
5.1.1	UDB base types v1.0	195
5.1.1.1	Common enumerations diagram	195
5.1.1.2	UDB base types diagram	195

5.1.2	FileReference	196
5.1.3	LatitudeDT	196
5.1.4	Log	196
5.1.5	LongitudeDT	197
5.1.6	MultilingualString	197
5.1.7	NonEmptyNumber19	197
5.1.8	NonEmptyString1	197
5.1.9	NonEmptyString10	197
5.1.10	NonEmptyString100	197
5.1.11	NonEmptyString1024	197
5.1.12	NonEmptyString12	198
5.1.13	NonEmptyString128	198
5.1.14	NonEmptyString16	198
5.1.15	NonEmptyString19	198
5.1.16	NonEmptyString2	198
5.1.17	NonEmptyString20	198
5.1.18	NonEmptyString255	198
5.1.19	NonEmptyString3	198
5.1.20	NonEmptyString32	198
5.1.21	NonEmptyString4000	199
5.1.22	NonEmptyString5	199
5.1.23	NonEmptyString50	199
5.1.24	NonEmptyString64	199
5.1.25	NonEmptyString8	199
5.1.26	Number10and3Decimal	199
5.1.27	Number13and6Decimal	199
5.1.28	Number14and2Decimal	199
5.1.29	Number19	199
5.1.30	Number19and3Decimal	200
5.1.31	OneDecimal	200
5.1.32	PercentageInt	200
5.1.33	PercentageOneDecimal	200
5.1.34	PercentageTwoDecimals	200
5.1.35	PositiveInteger	200
5.1.36	String10	200
5.1.37	String100	200
5.1.38	String1024	200
5.1.39	String12	201
5.1.40	String128	201
5.1.41	String16	201
5.1.42	String2	201
5.1.43	String20	201
5.1.44	String2000	201
5.1.45	String255	201
5.1.46	String3	201
5.1.47	String30	201
5.1.48	String32	202
5.1.49	String4	202
5.1.50	String4000	202
5.1.51	String5	202
5.1.52	String50	202
5.1.53	String64	202
5.1.54	String8	202
5.1.55	ThreeDecimals	202

5.1.56	TwoDecimals	202
5.1.57	emailAddress	203
5.1.58	httpURL	203

1 Document History

1.1 Document History

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

0.2.1	21/11/2023	3 Services for Sourcing contact 2 Services for Certificate 1 service for Initial Stock 1 Service for FGP Trade	Mohamed Fahim KHAJA
0.2.2	20/12/2023	3 services for Material Processing updated 1 Service for Accept Transaction updated	Mohamed Fahim KHAJA
0.2.3	17/01/2023	2 service for Initial stock 2 service for Certificate 1 service for FGP	Mohamed Fahim KHAJA
0.2.4	05/02/2024	12 services updated for GHG emissions 2 Services for Sourcing contact 3 services for organisation 1 service for Notification	Mohamed Fahim KHAJA
1.0	29/02/2024	2 services for Certificate 2 services for Point of Origin Trade	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

1.2.1.21 0.2.1

- UDB_4346
 - Updated service
 - AddSourcingContactRequest
 - GetSourcingContactByIDRequest
 - GetSourcingContactListRequest

- UDB_4401
 - Updated service
 - AddUpdateCertificateRequest
 - GetCertificateResponse
- UDB_4620
 - Updated service
 - AddInitialStockRegnRequest
 - EOAddFGPTransactionRequest
- UDB_4620
 - Updated enum
 - GHGUnitEnum

1.2.1.22 0.2.2

- UDB_4665
 - Updated service
 - EOAddMaterialProcessingRequest
 - EOAddMaterialProcessingResponse
 - EOGetMaterialProcessListResponse
- UDB_4953
 - Updated service
 - EOAddMaterialProcessingRequest
 - EOConfirmTransactionRequest

1.2.1.23 0.2.3

- UDB_5089
 - Updated Service
 - EOAddInitialStockRegnRequest
 - GetInitialStockResponse
 - AddUpdateCertificateRequest
 - GetCertificateResponse
 - EOAddFGPTransactionResponse

1.2.1.24 0.2.4

- UDB_4940
 - Updated below services to add extra GHG Emission types
 - EOAddInitialStockRegnRequest
 - EOAddTransactionRequest
 - EOConfirmTransactionResponse
 - EOGetPOSListResponse
 - EOGetTransactionResponse
 - TransactionBuyerNotification
 - EOUpdatePOSRequest
 - EOAddFGPTransactionRequest
 - EOAddPoOTradeRequest
 - EOGetFGPTransactionResponse
 - EOGetInitialStockResponse
 - EOGetPoOTradeResponse
- UDB_5190
 - Updated services
 - AddSourcingContactRequest
 - GetSourcingContactByIDResponse
- UDB_5190
 - Updated services
 - AddOrganisationRequest
 - GetOrganisationListResponse
 - GetOrganisationByIDResponse
- UDB_5273
 - Updated service
 - TransactionBuyerNotification

1.2.1.25 1.0

- UDB_5407

Added service

- GetCertificateExpiryRequest
- GetCertificateExpiryResponse

· UDB_5162

Updated service

- EOAddPoOTradeRequest
- EOGetPoOTradeResponse

2 Overview

2.1 Package diagram

The model is composed of 2 main parts:

- **the service and actions**

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

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

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

- **The core elements**

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

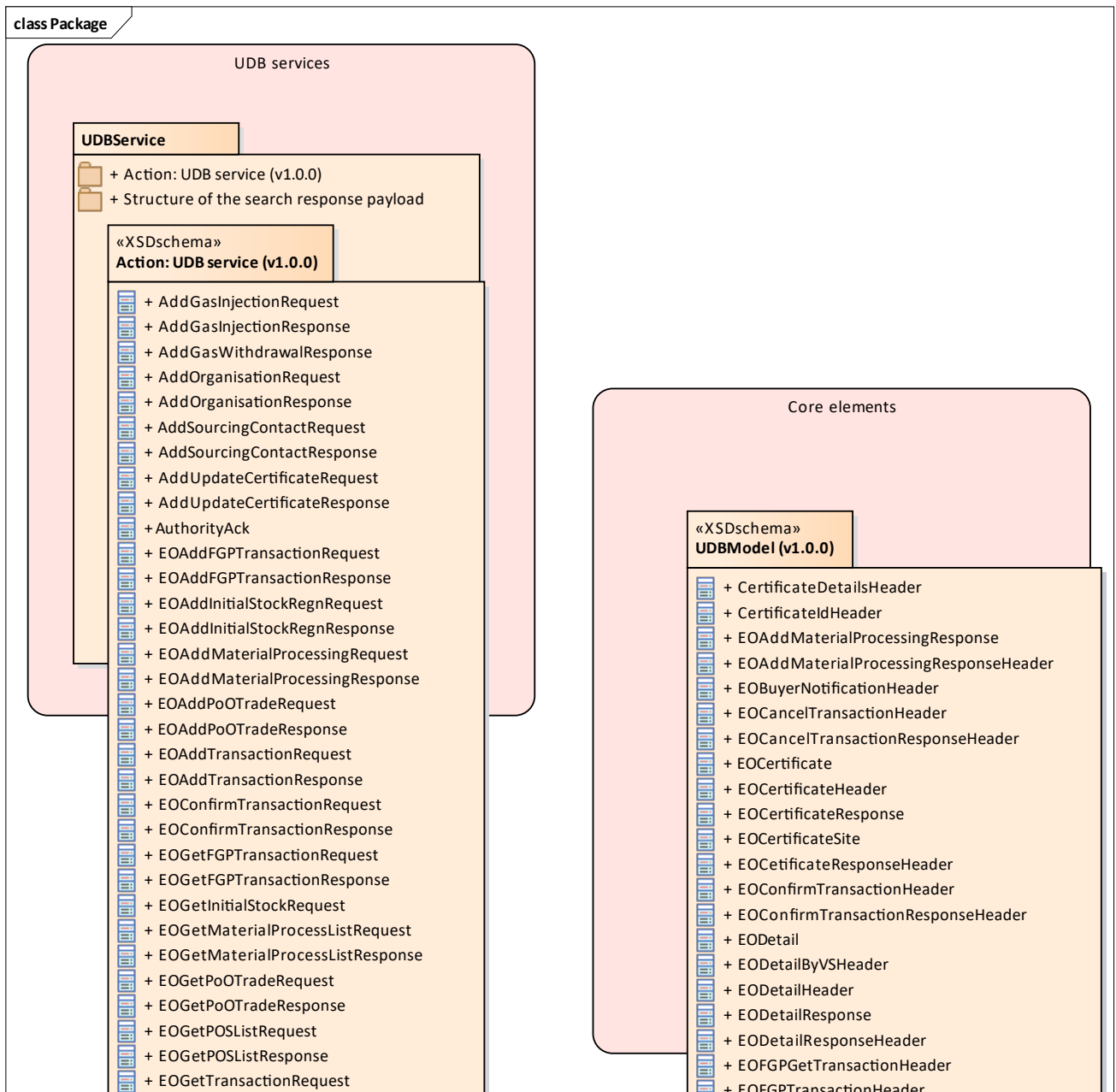


Figure 1: Package

3 Services

3.1 UDBService

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

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

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

3.1.1 Action: UDB service (v1.0.0)

3.1.1.1 UDB Service : Add Gas Injection Request diagram

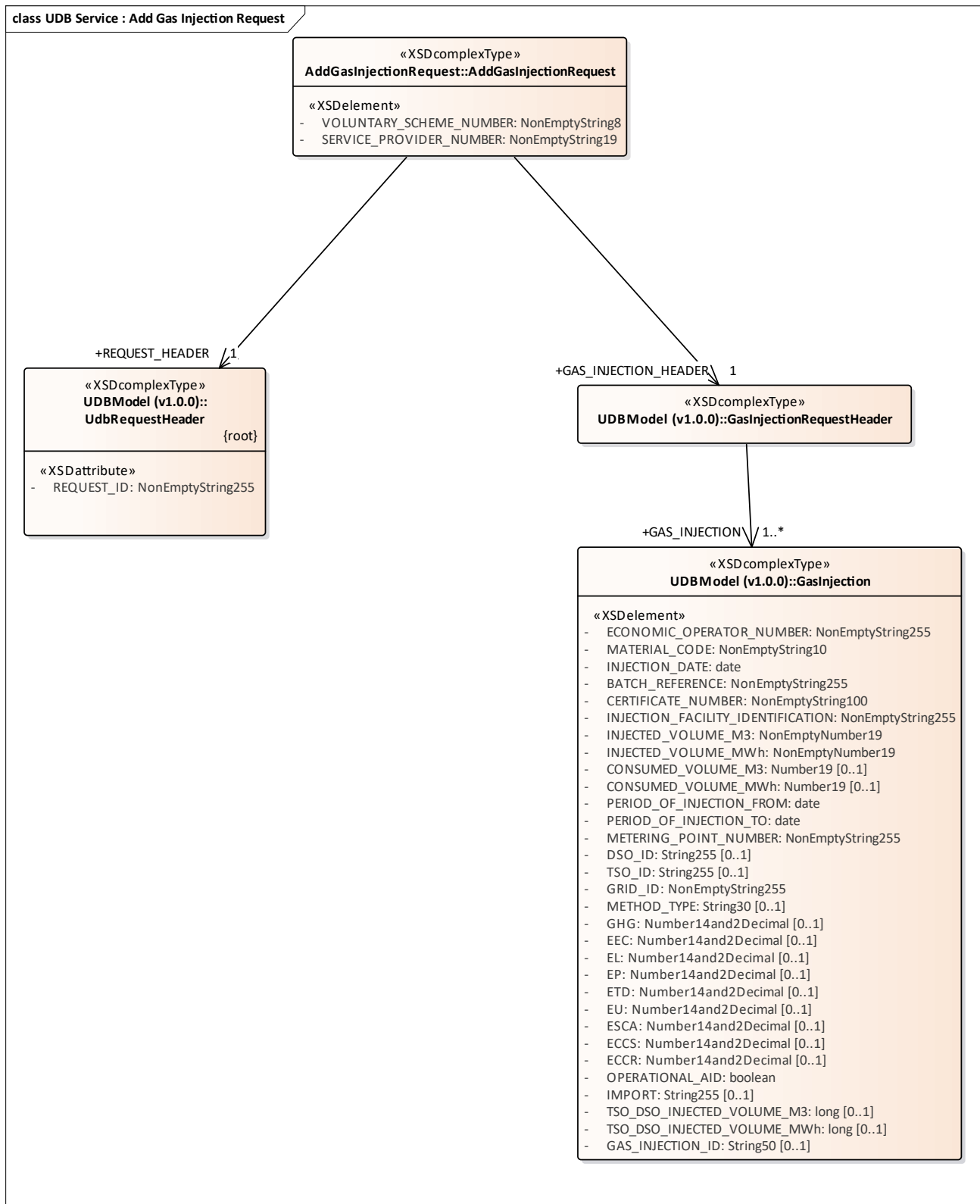


Figure 2: UDB Service : Add Gas Injection Request

3.1.1.2 UDB Service : Add Gas Injection Response diagram

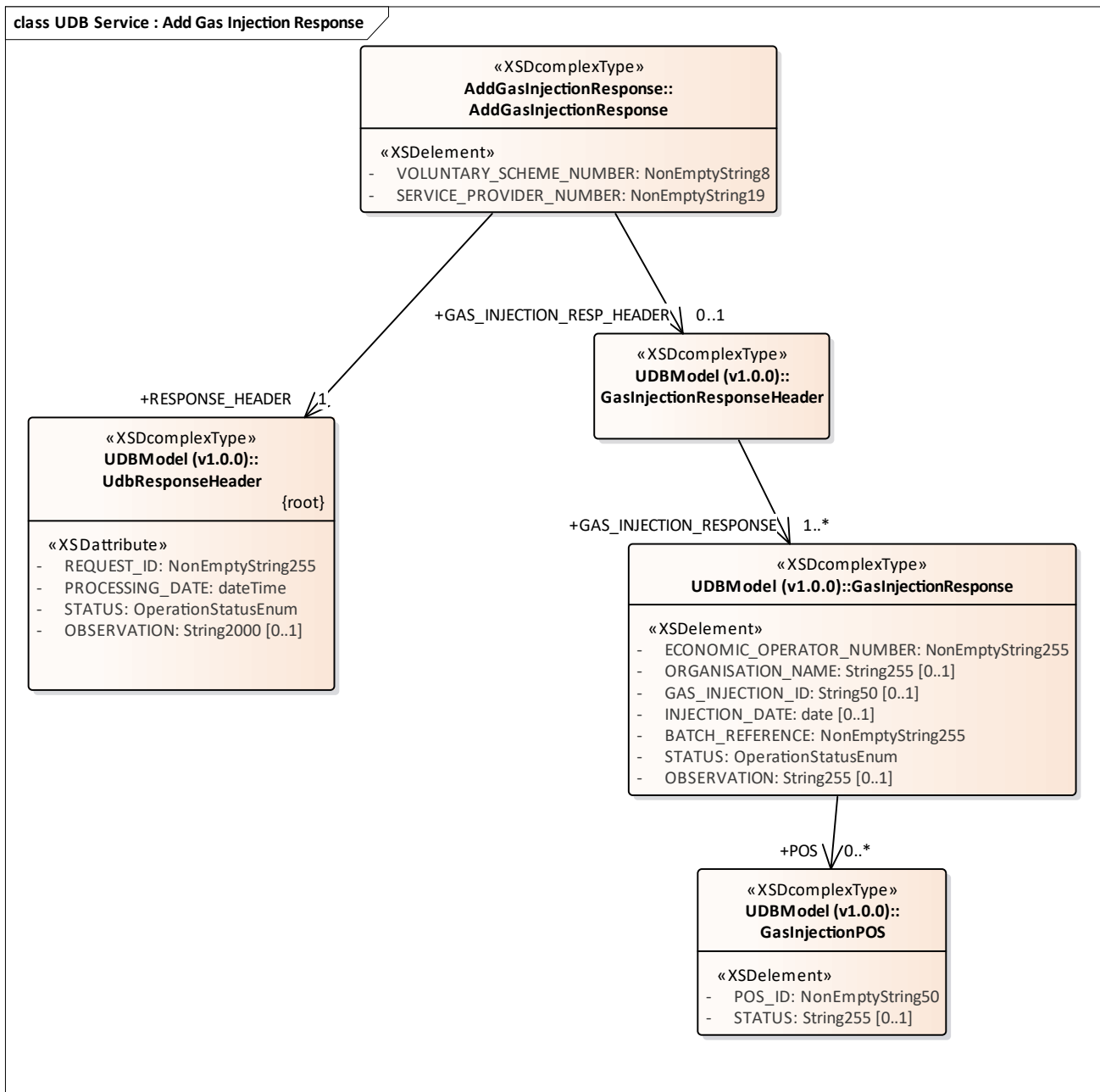


Figure 3: UDB Service : Add Gas Injection Response

3.1.1.3 UDB Service : Add Initial Stock Registration Request diagram

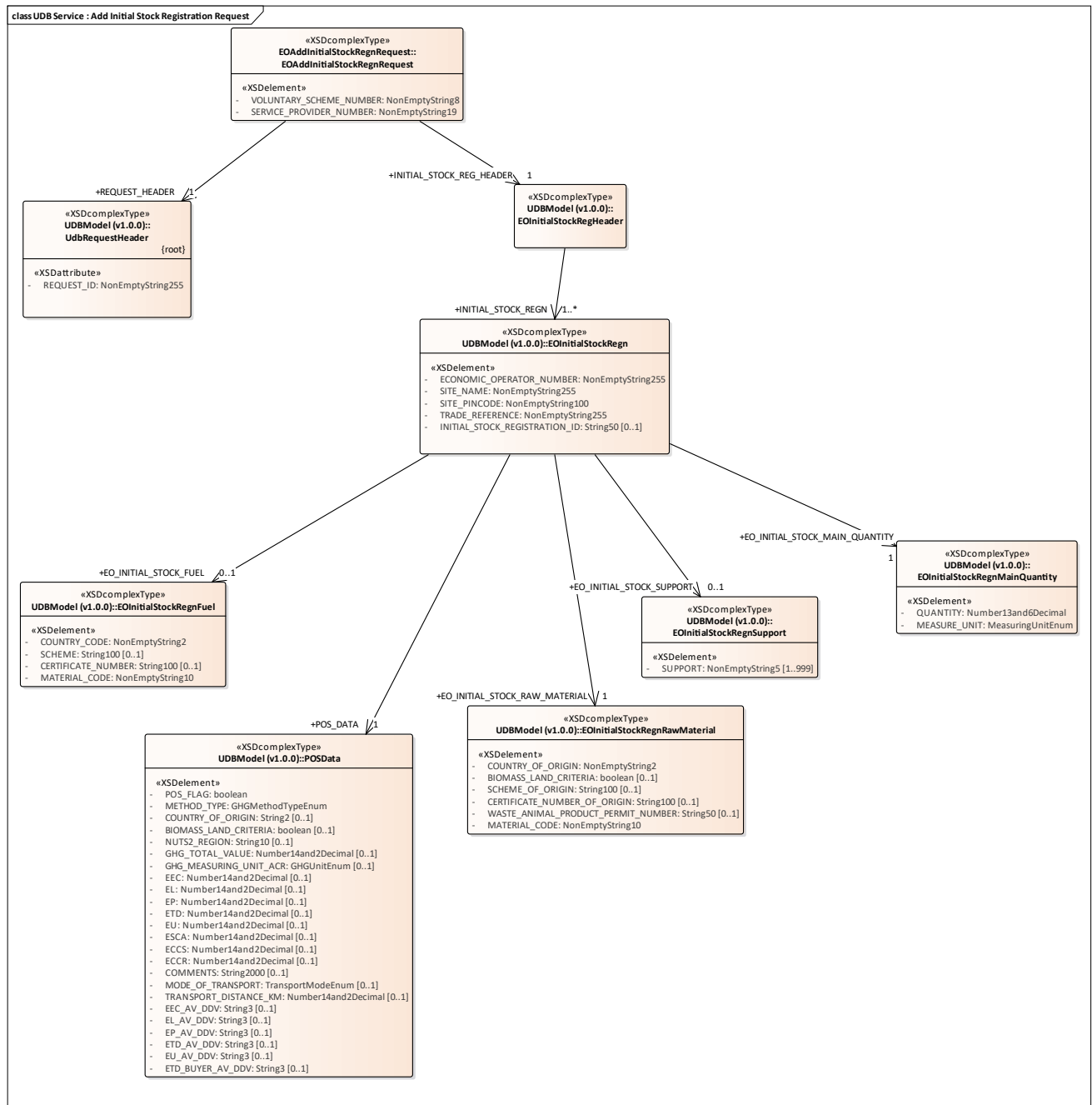


Figure 4: UDB Service : Add Initial Stock Registration Request

3.1.1.4 UDB Service : Add Initial Stock Registration Response diagram

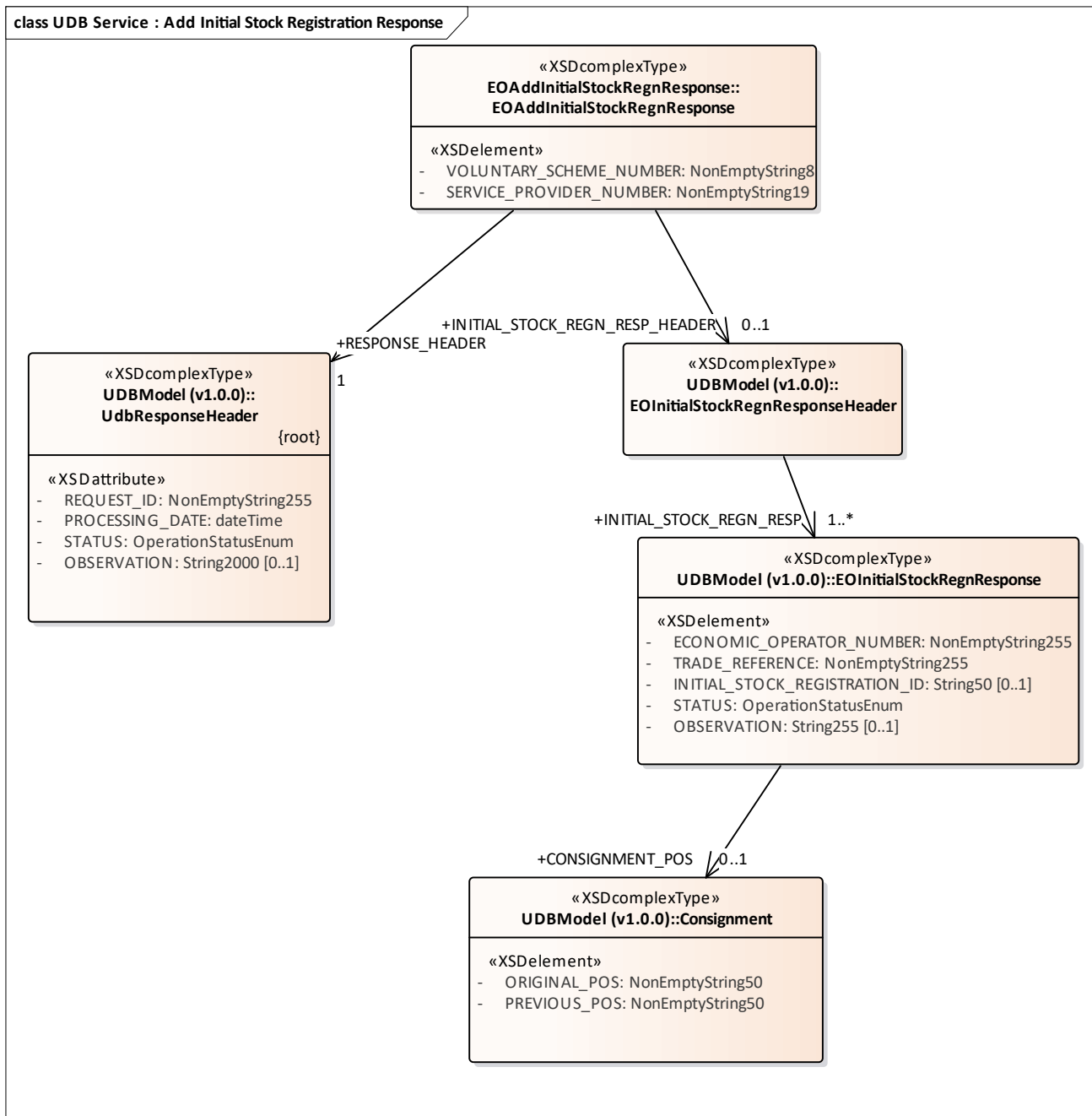


Figure 5: UDB Service : Add Initial Stock Registration Response

3.1.1.5 UDB Service : Add Material Processing Request diagram

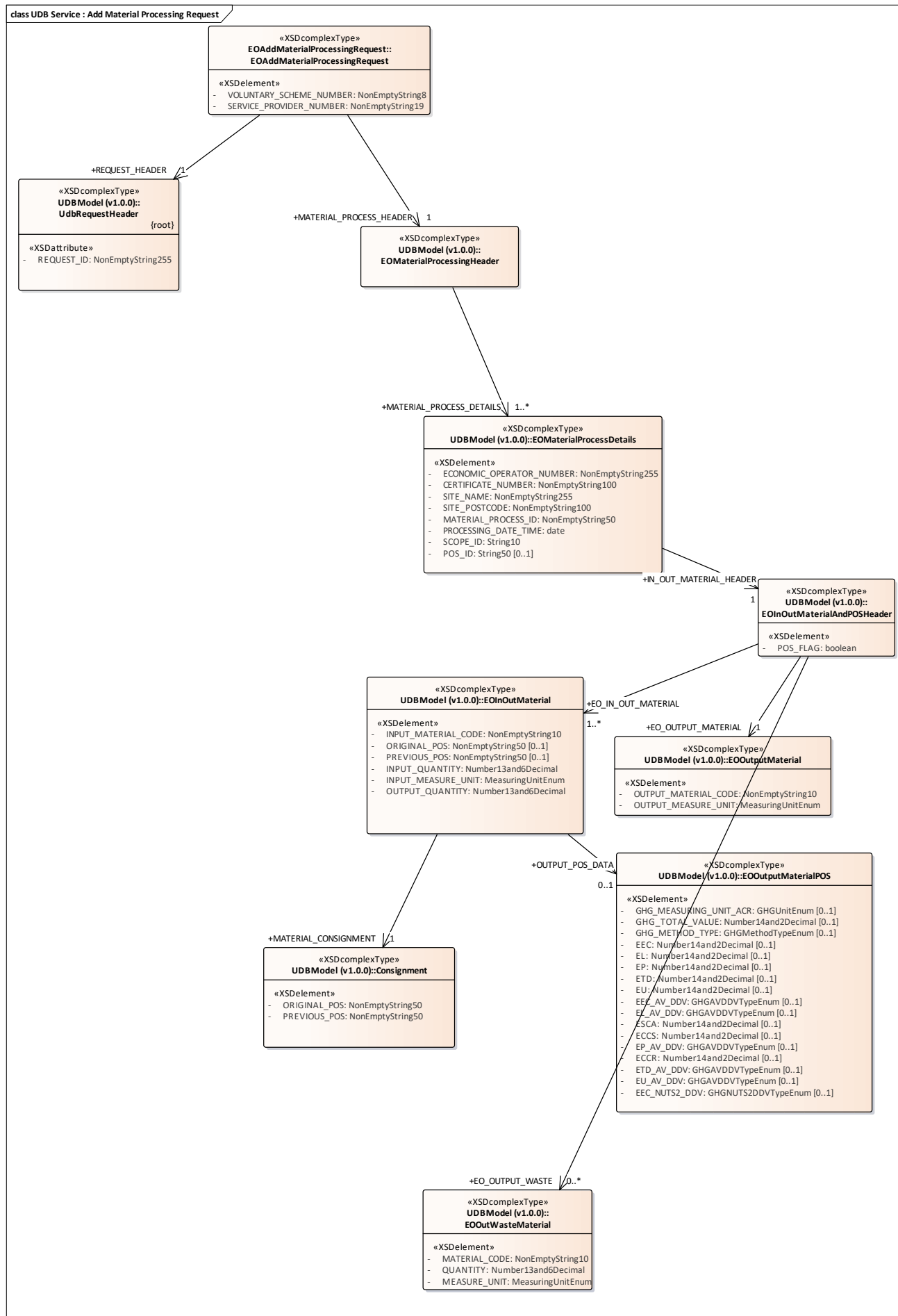


Figure 6: UDB Service : Add Material Processing Request

3.1.1.6 UDB Service : Add Material Processing Response diagram

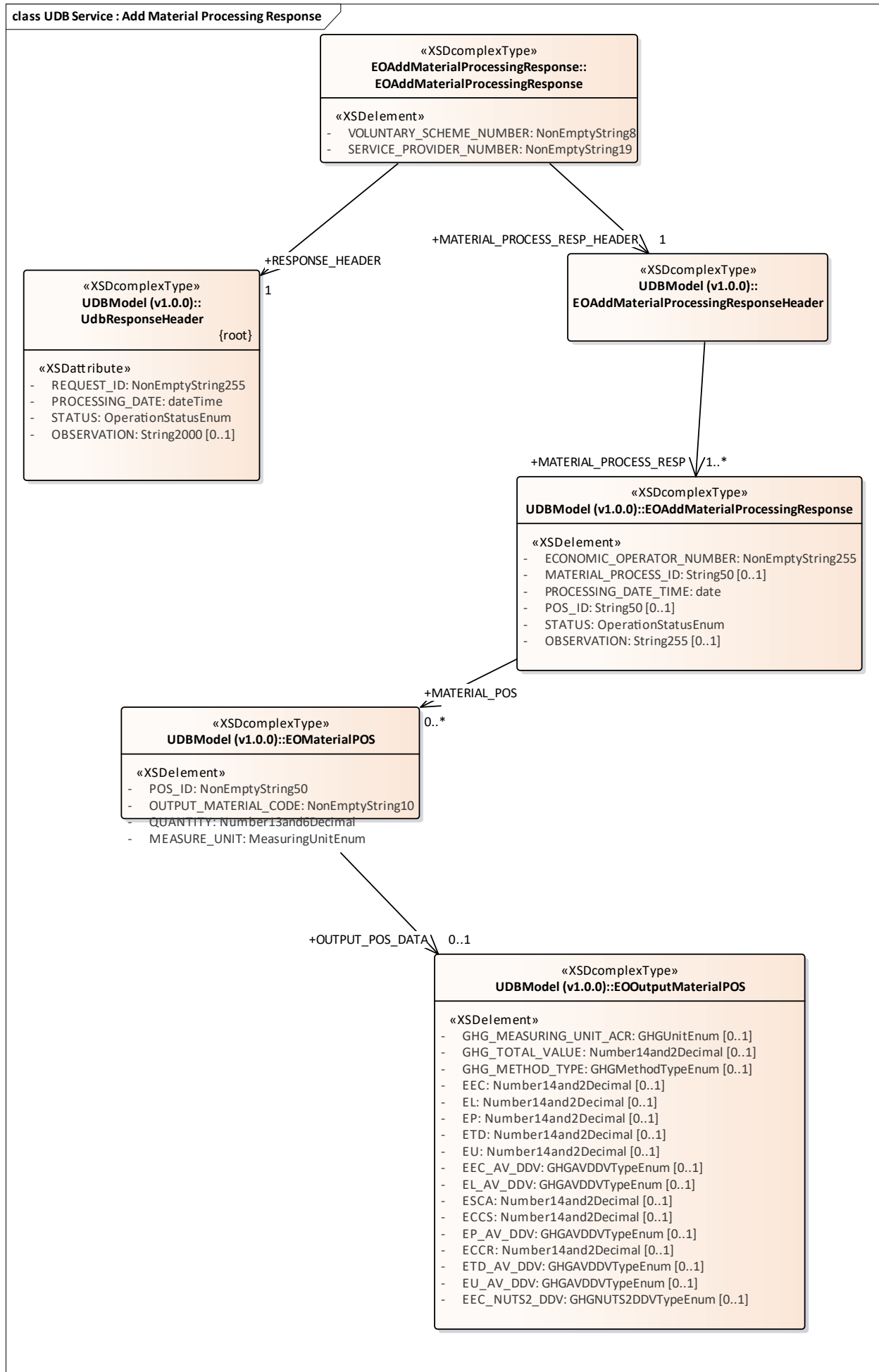


Figure 7: UDB Service : Add Material Processing Response

3.1.1.7 UDB Service : Add Organisation Request diagram

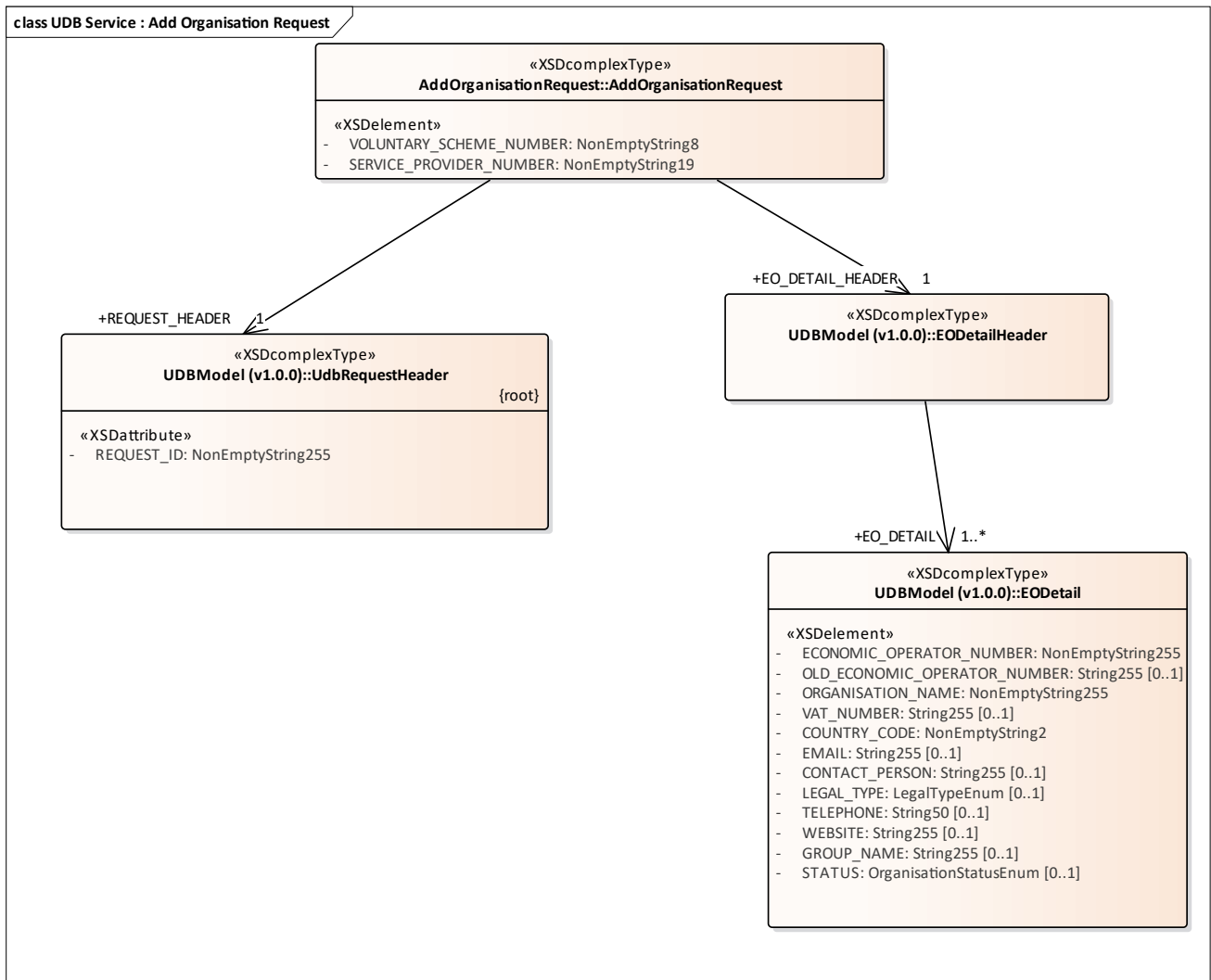


Figure 8: UDB Service : Add Organisation Request

3.1.1.8 UDB Service : Add Organisation Response diagram

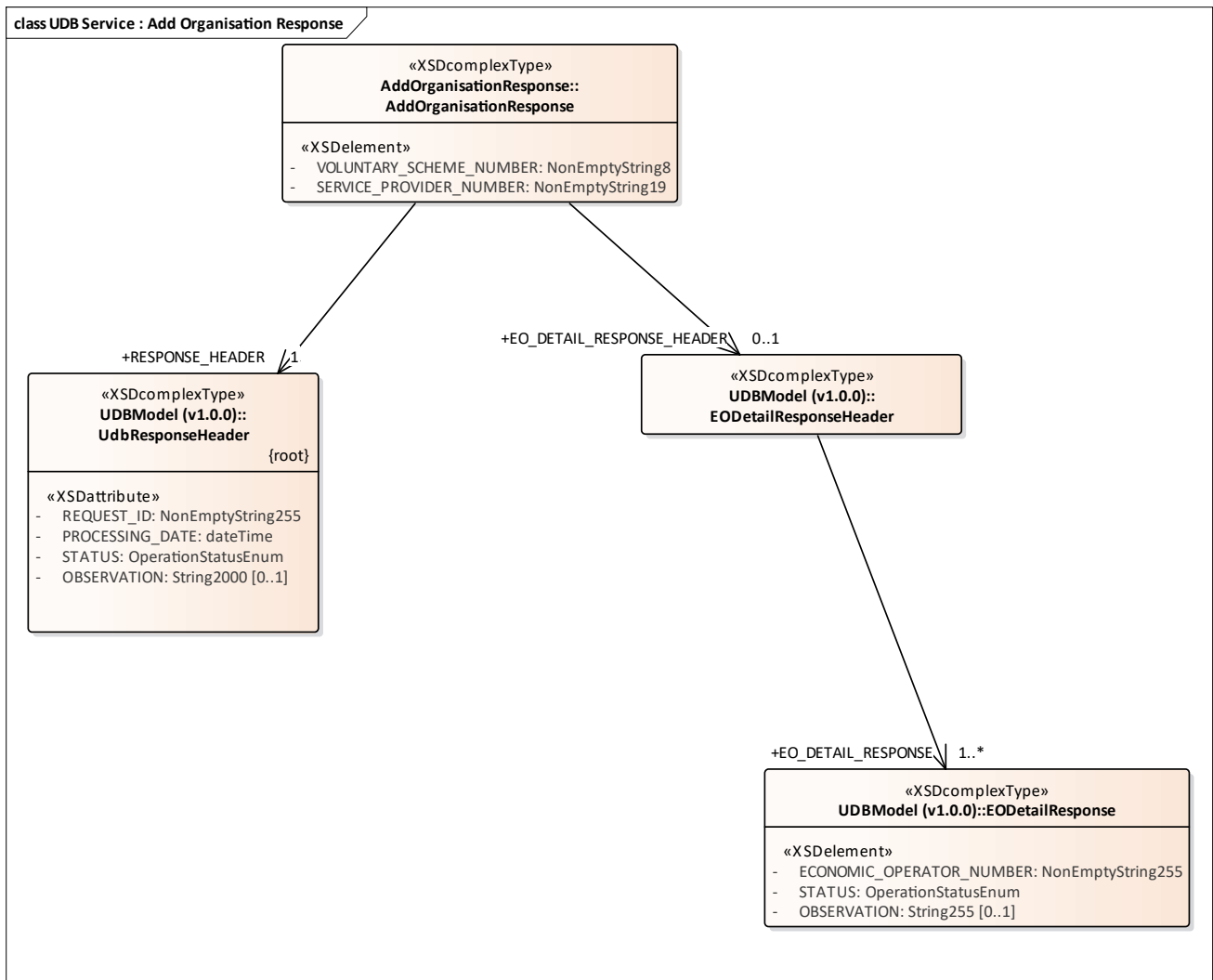


Figure 9: UDB Service : Add Organisation Response

3.1.1.9 UDB Service : Add Sourcing Contact Request diagram

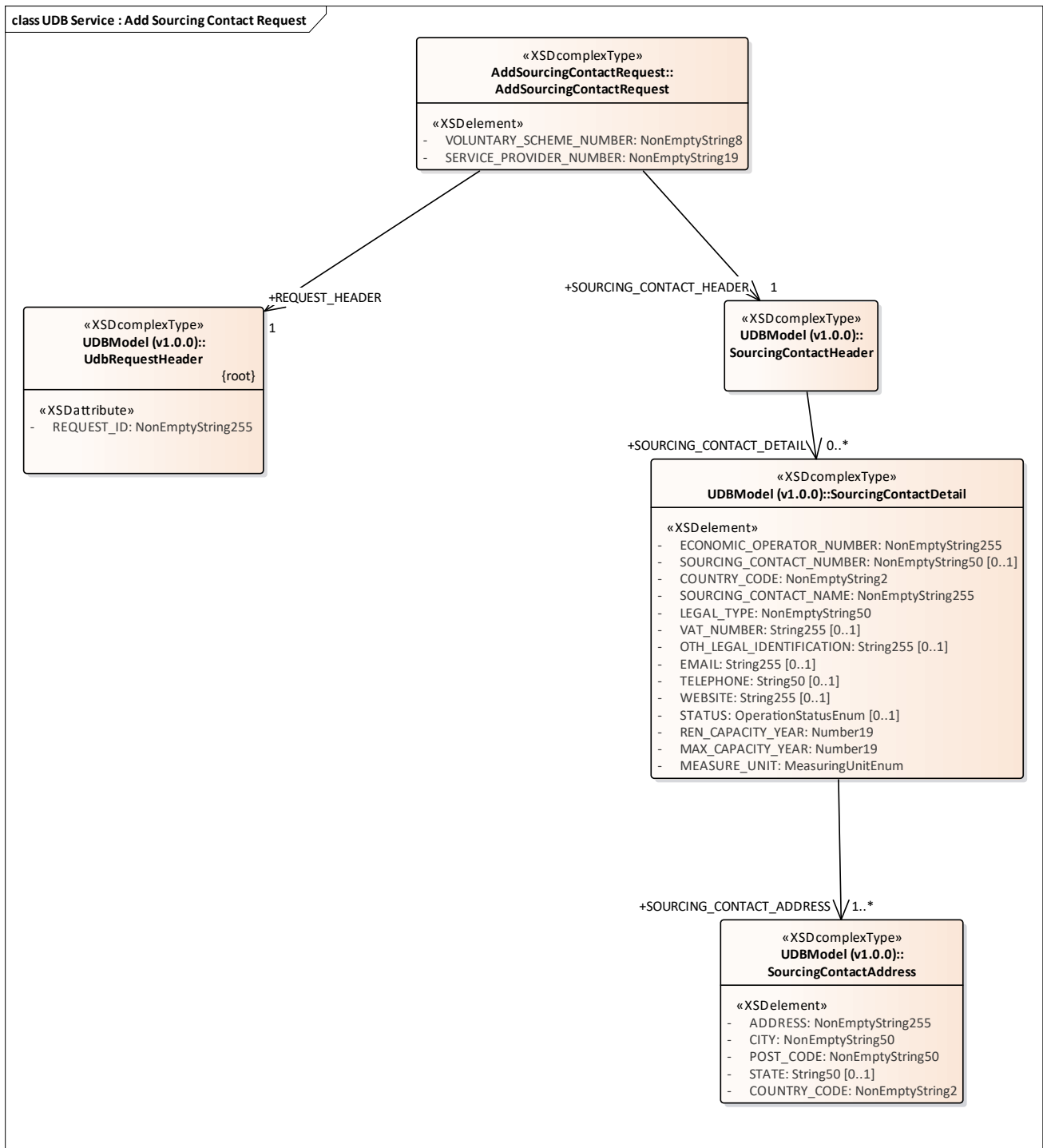


Figure 10: UDB Service : Add Sourcing Contact Request

3.1.1.10 UDB Service : Add Sourcing Contract Response diagram

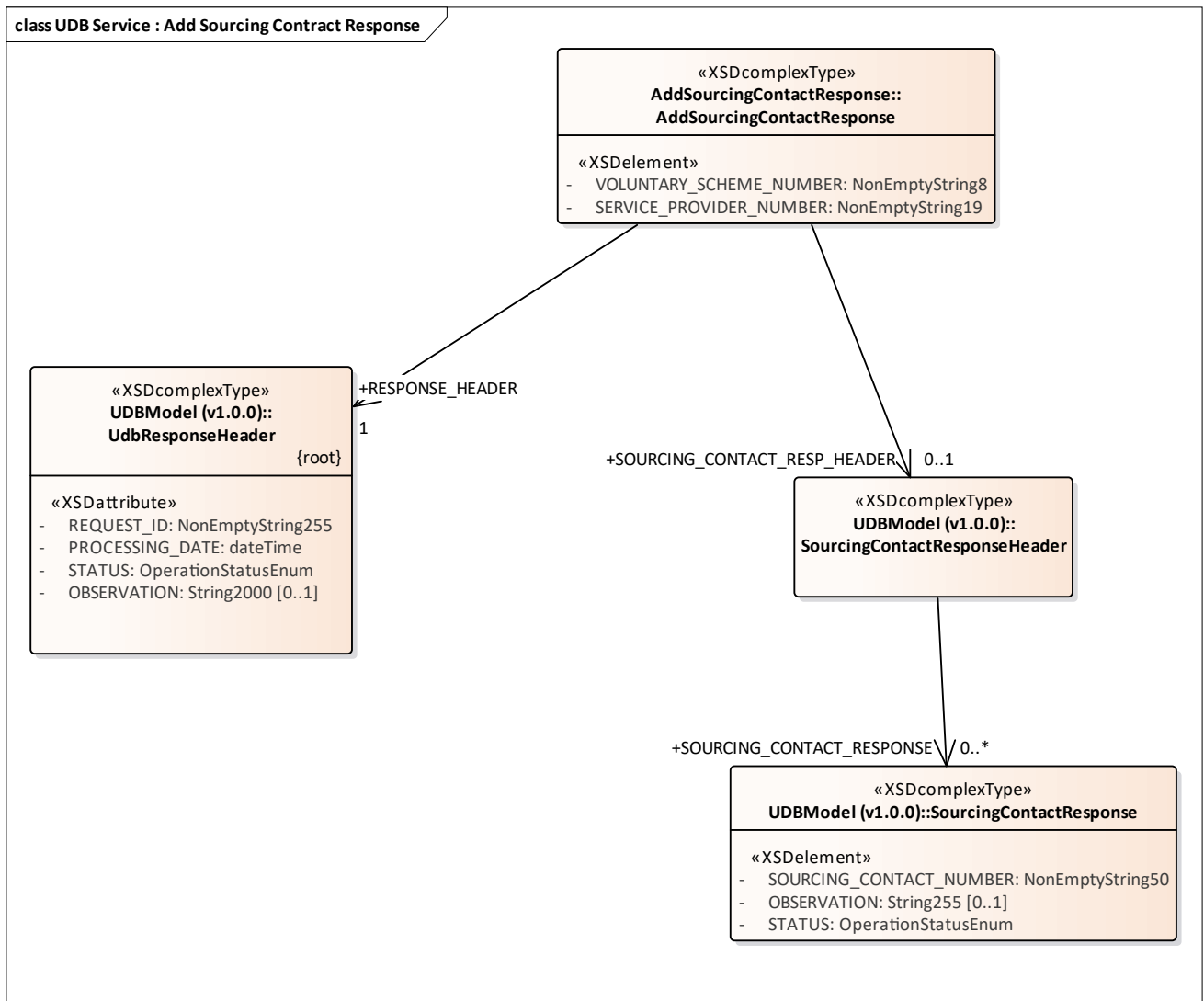


Figure 11: UDB Service : Add Sourcing Contract Response

3.1.1.11 UDB Service : Add Transaction Request diagram

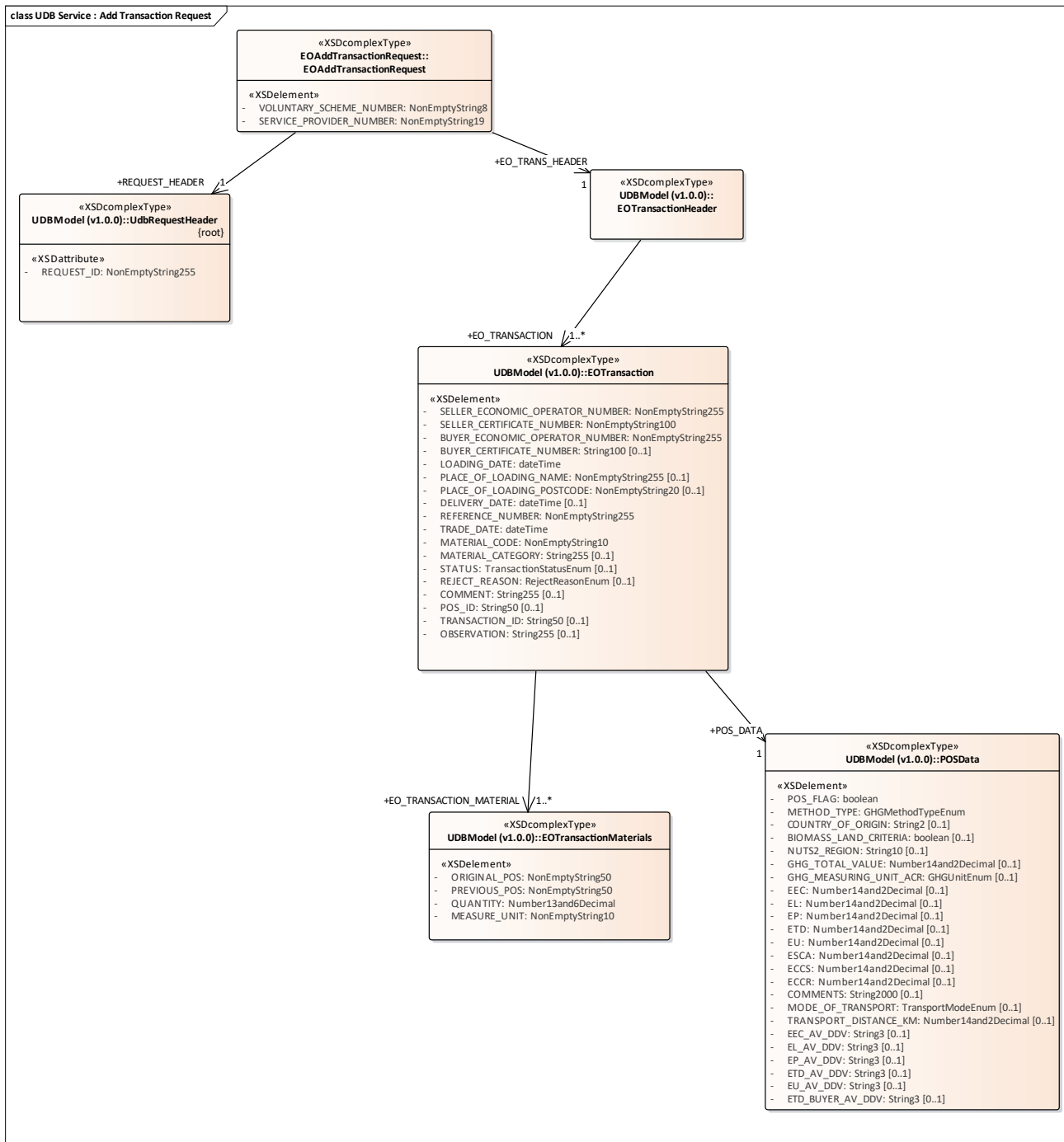


Figure 12: UDB Service : Add Transaction Request

3.1.1.12 UDB Service : Add Transaction Response diagram

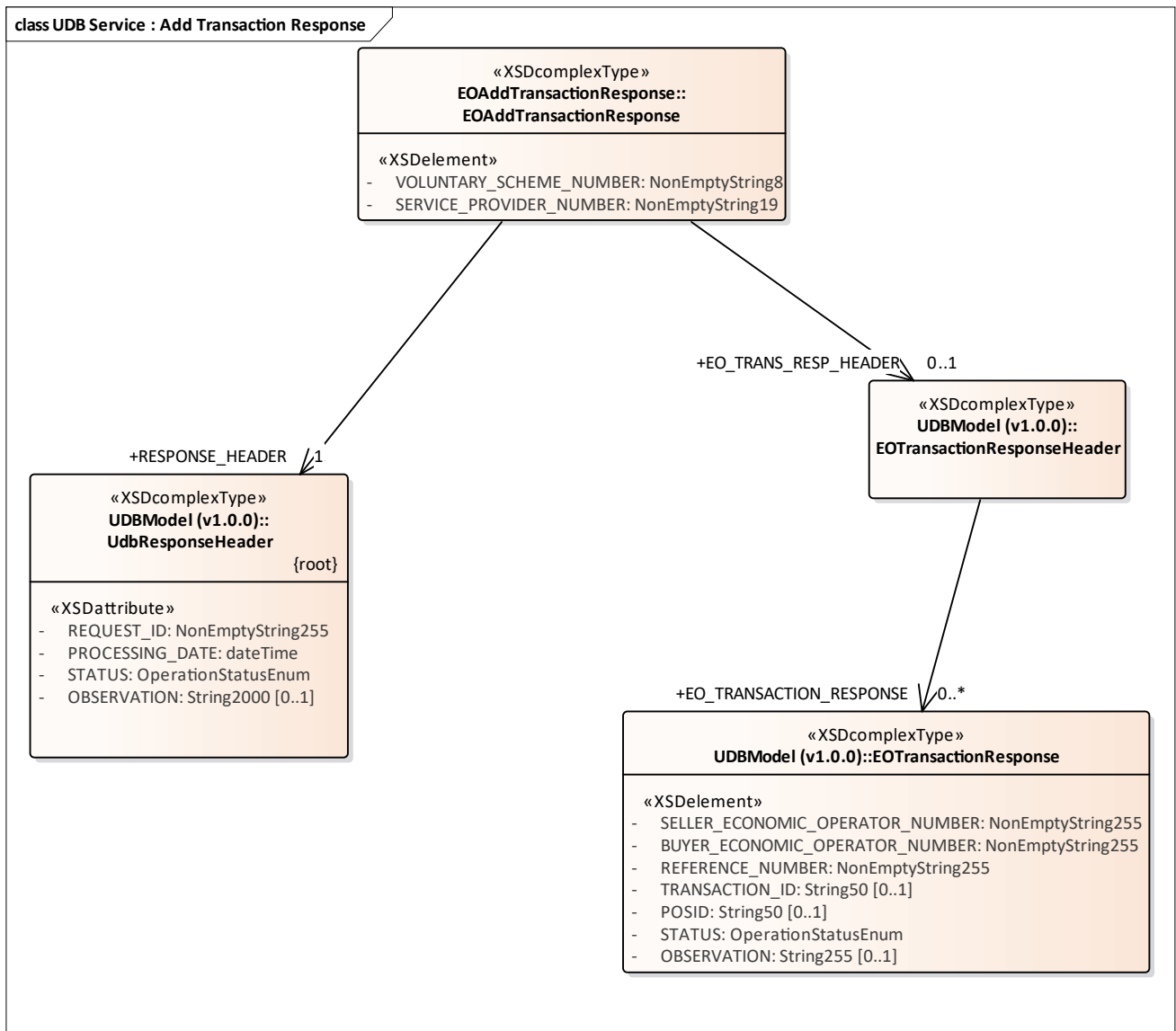


Figure 13: UDB Service : Add Transaction Response

3.1.1.13 UDB Service : Add Update Certificate Request diagram

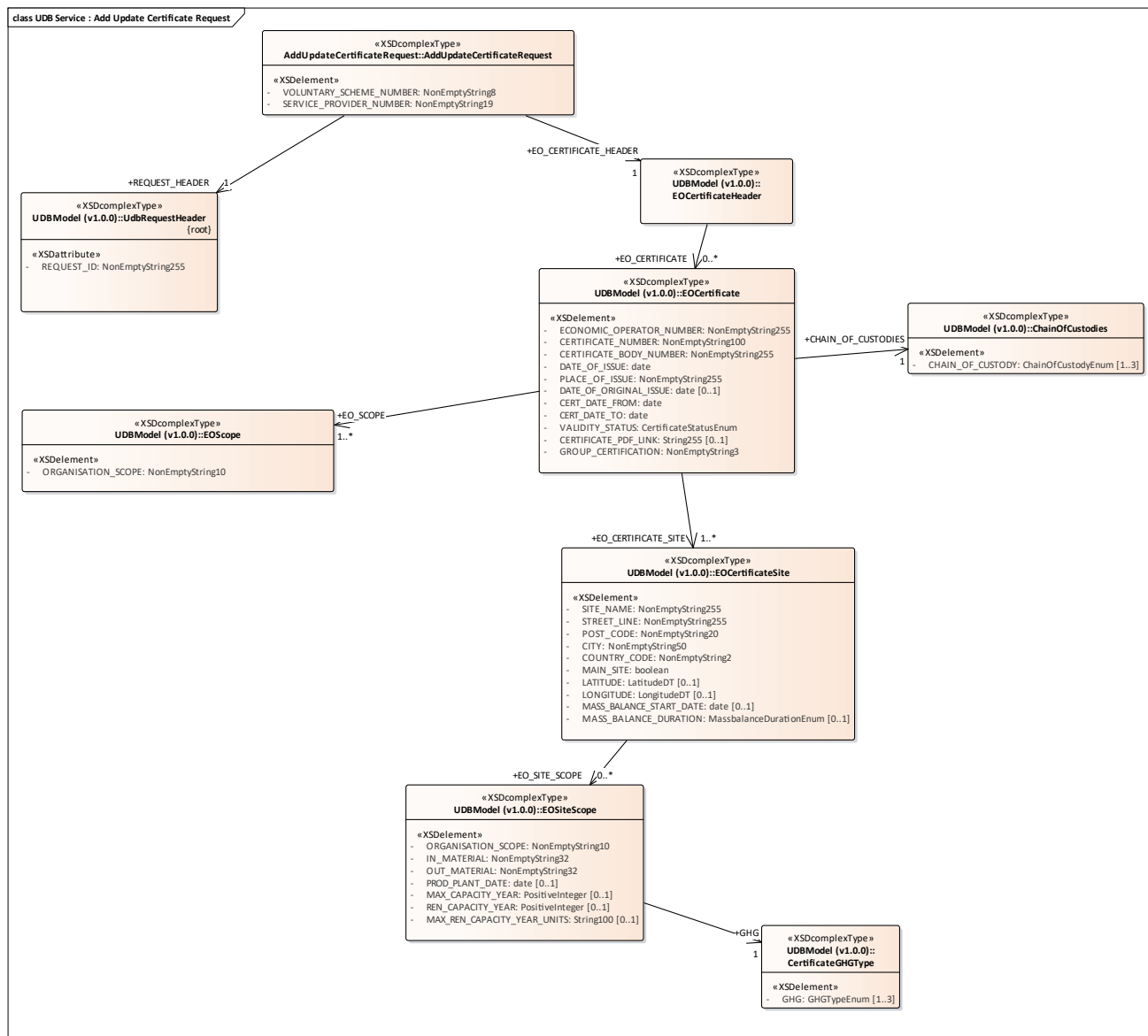


Figure 14: UDB Service : Add Update Certificate Request

3.1.1.14 UDB Service : Add Update Certificate Response diagram

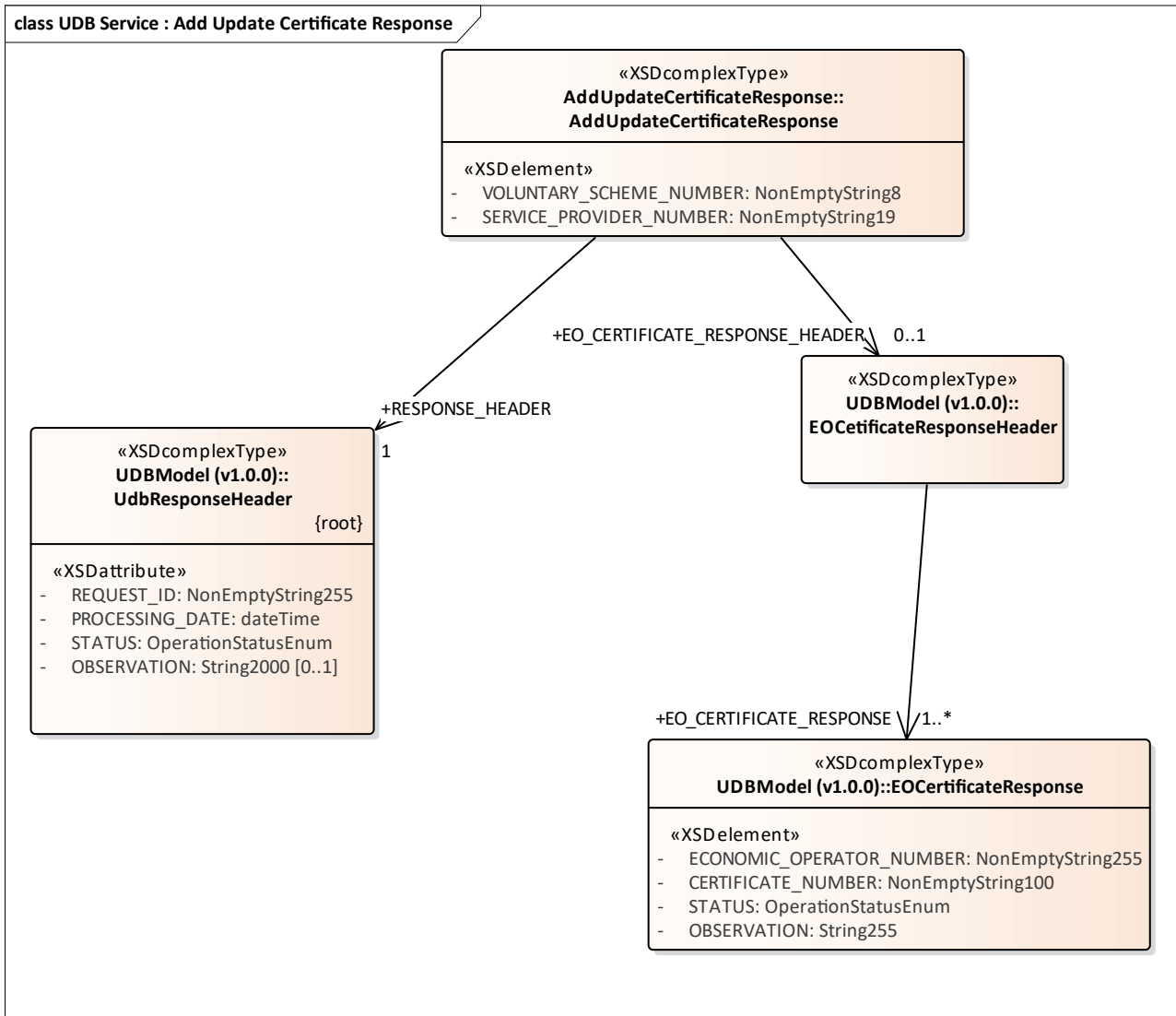


Figure 15: UDB Service : Add Update Certificate Response

3.1.1.15 UDB Service : Confirm Transaction Request diagram

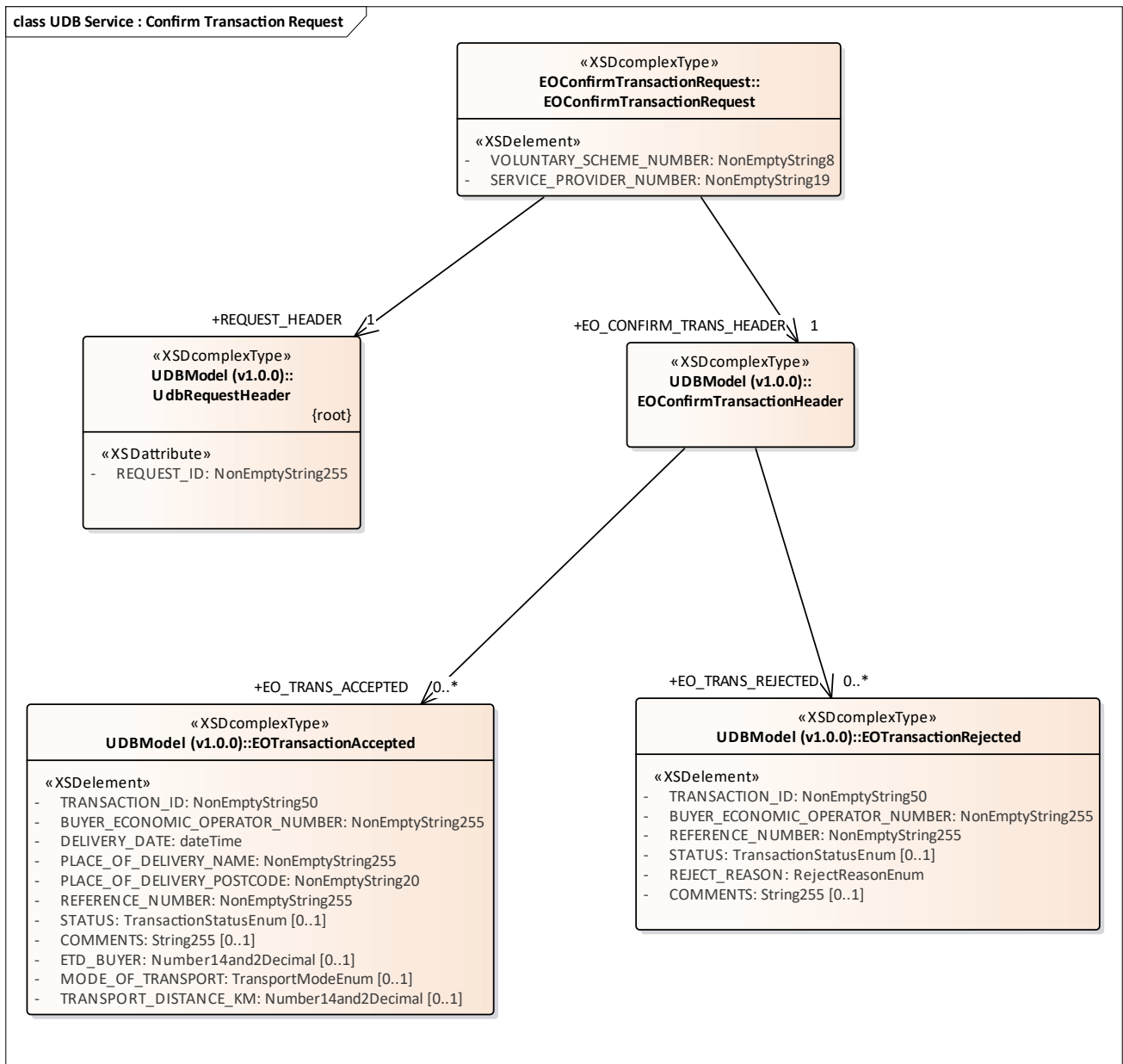


Figure 16: UDB Service : Confirm Transaction Request

3.1.1.16 UDB Service : Confirm Transaction Response diagram

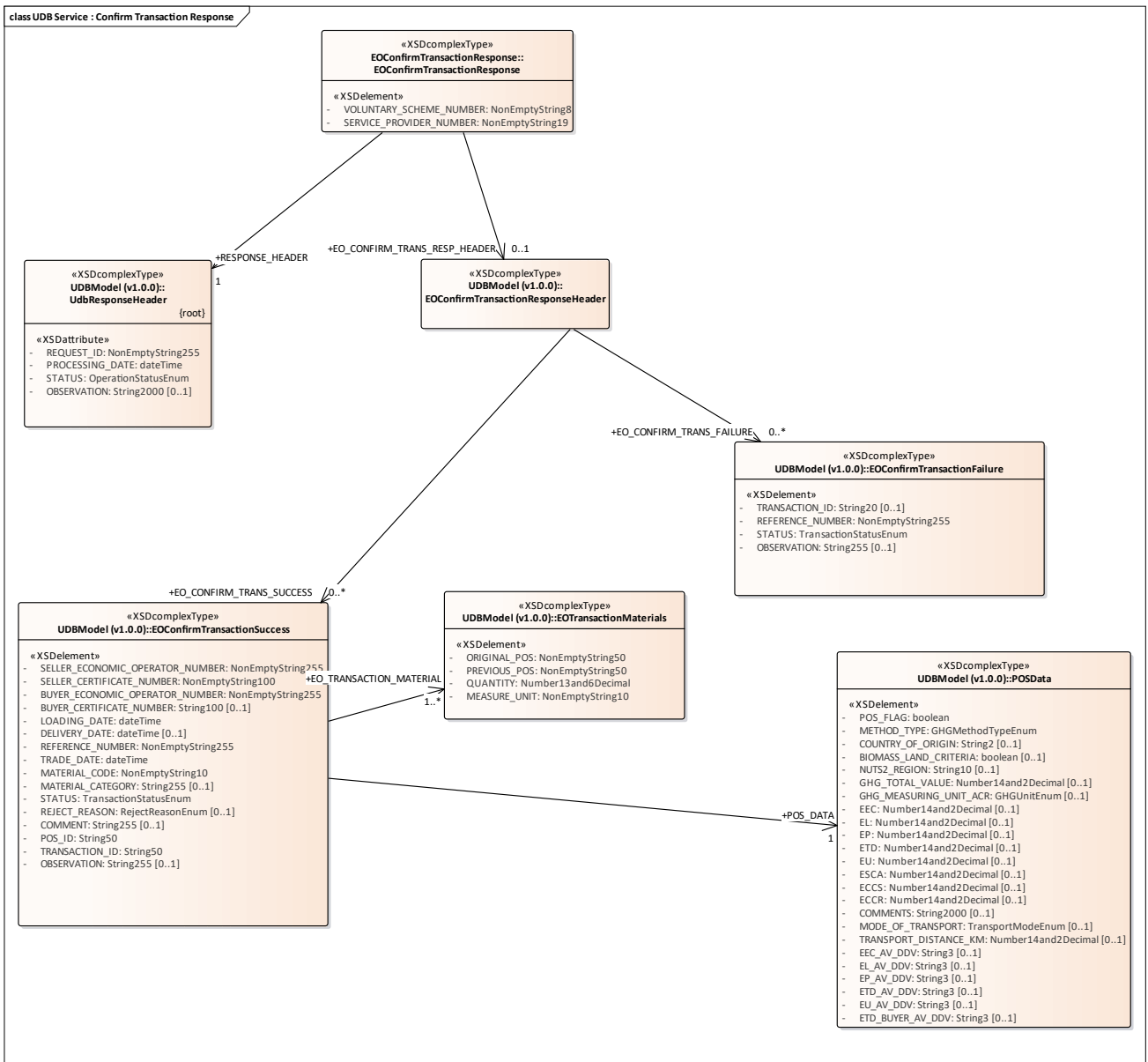


Figure 17: UDB Service : Confirm Transaction Response

3.1.1.17 UDB Service : Error Response diagram

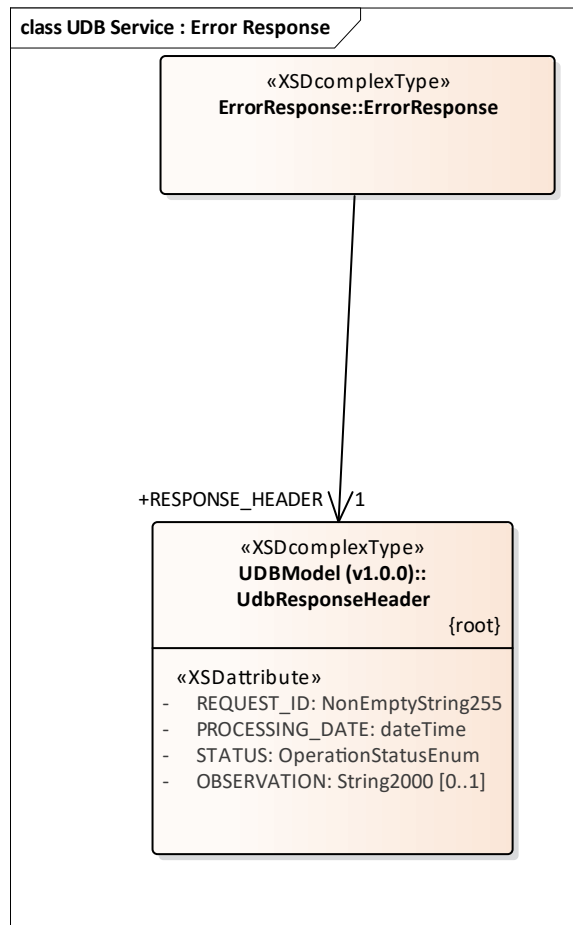


Figure 18: UDB Service : Error Response

3.1.1.18 UDB Service : Get Certificate Expiry Request diagram

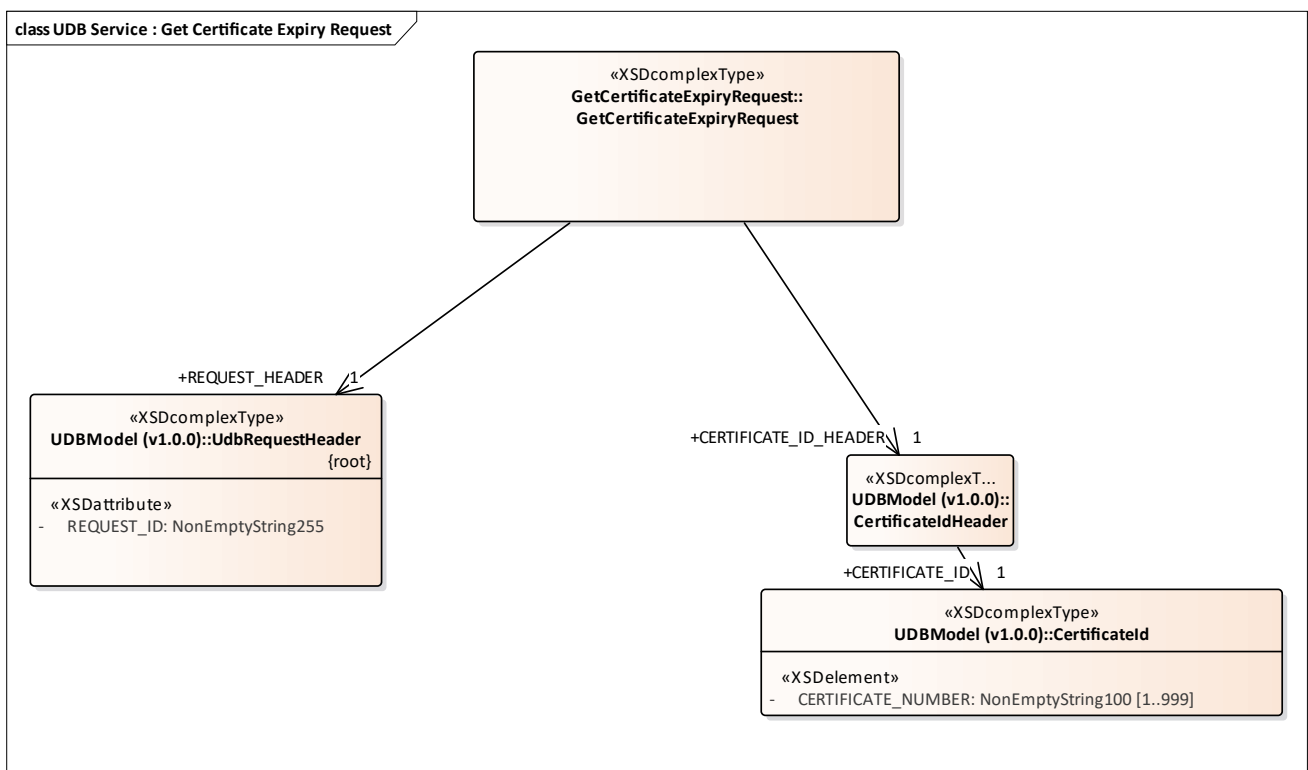


Figure 19: UDB Service : Get Certificate Expiry Request

3.1.1.19 UDB Service : Get Certificate Expiry Response diagram

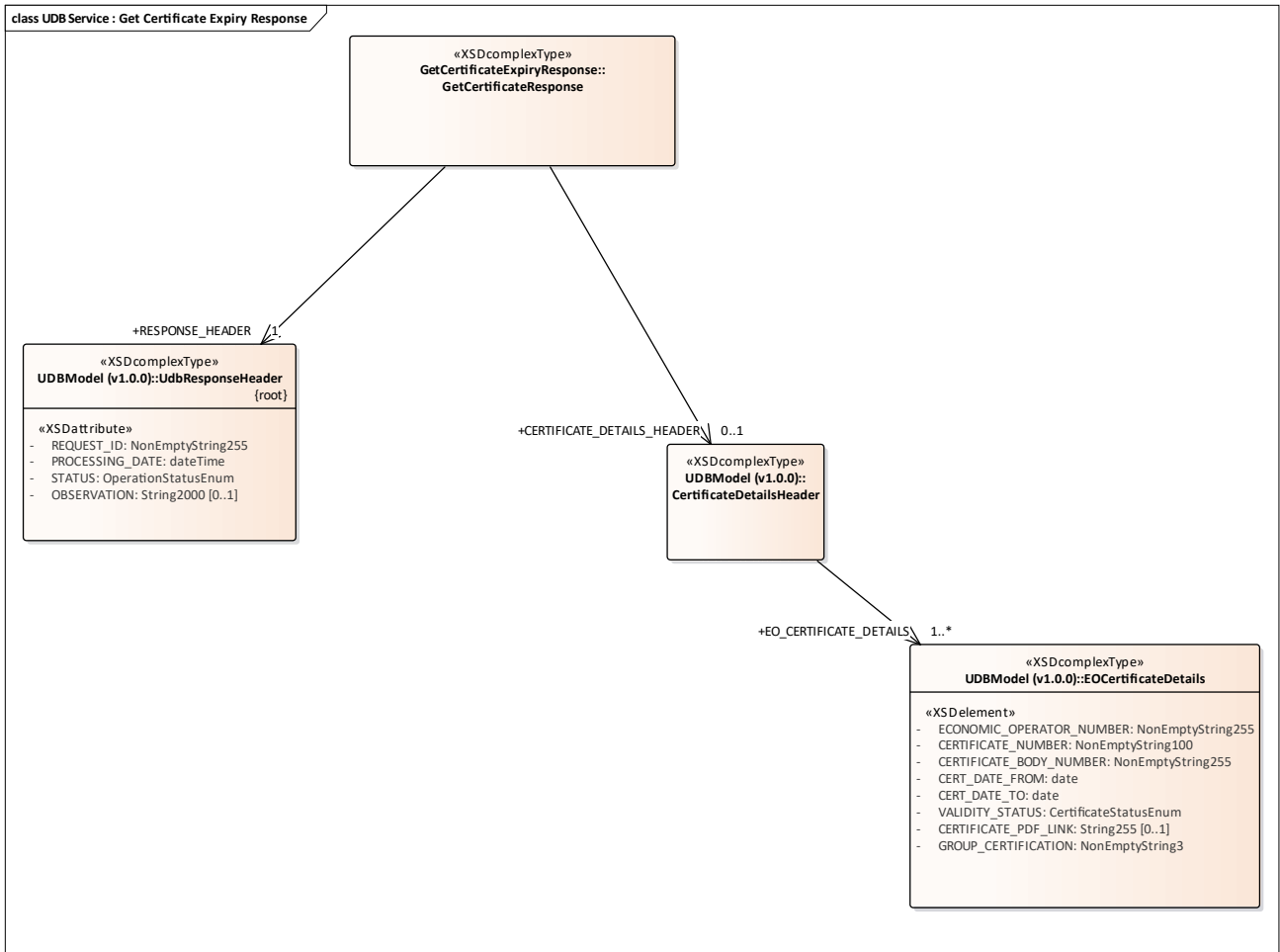


Figure 20: UDB Service : Get Certificate Expiry Response

3.1.1.20 UDB Service : Get Certificate Request diagram

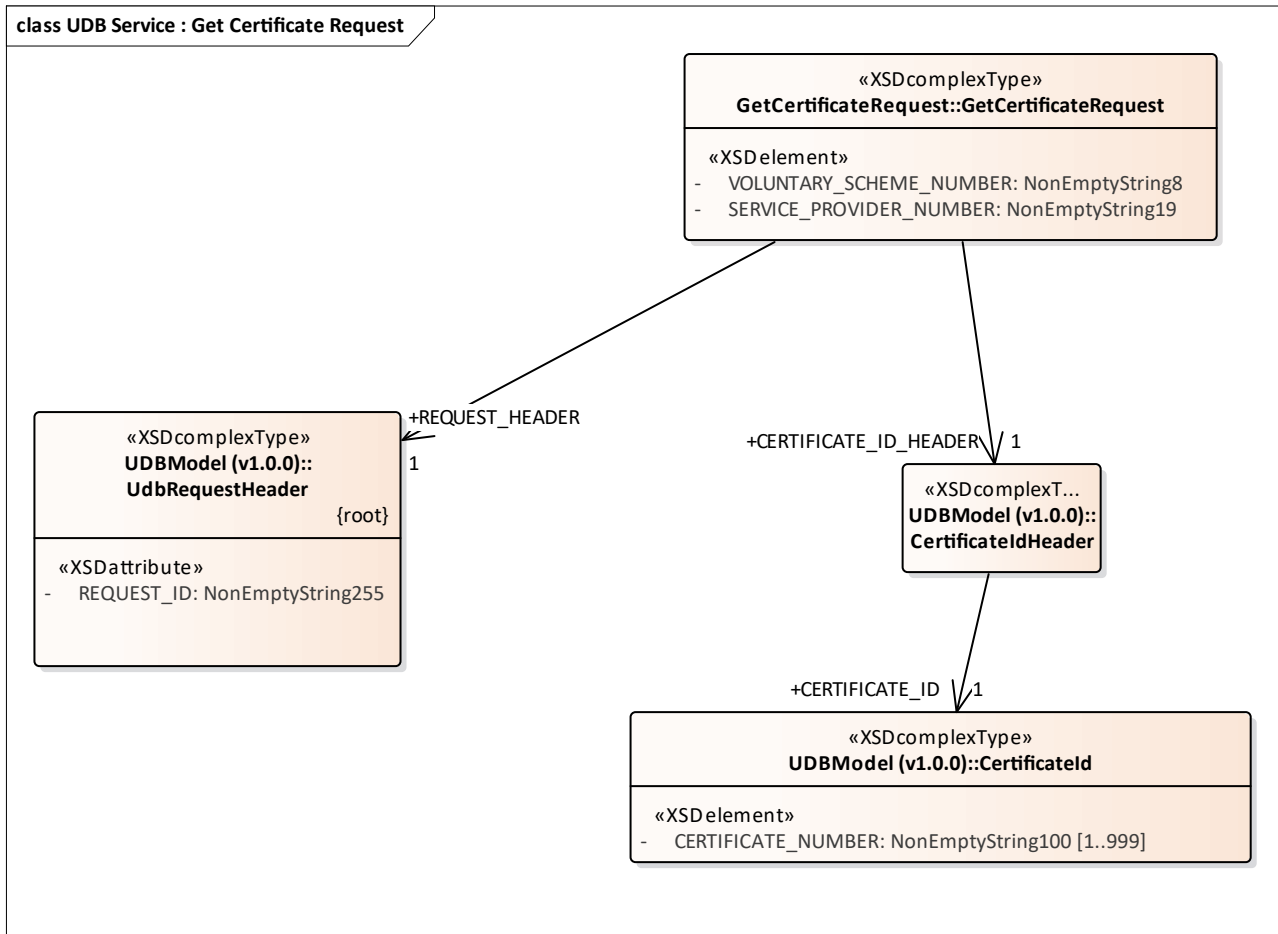


Figure 21: UDB Service : Get Certificate Request

3.1.1.21 UDB Service : Get Certificate Response diagram

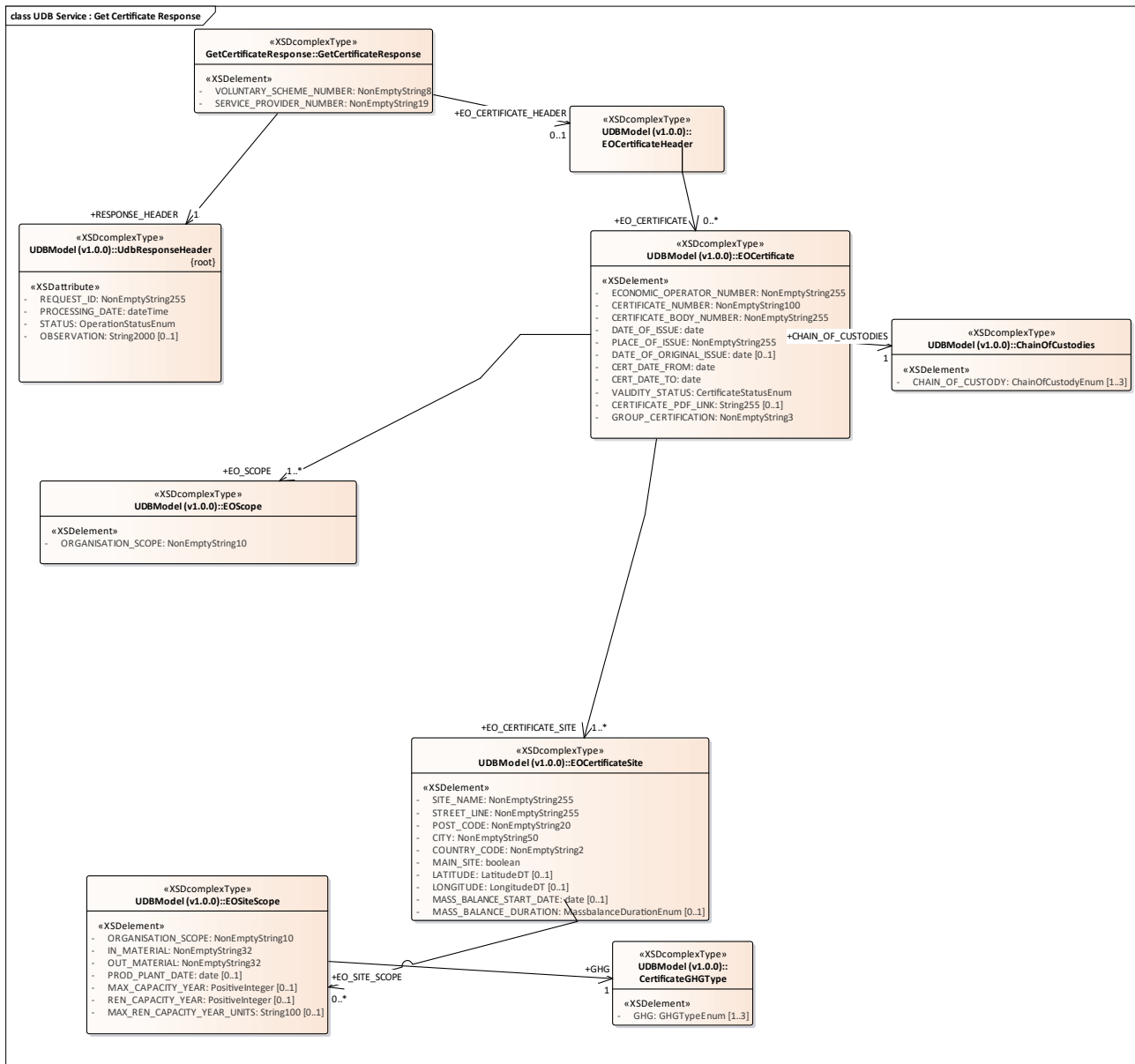


Figure 22: UDB Service : Get Certificate Response

3.1.1.22 UDB Service : Get Gas Injection : Request diagram

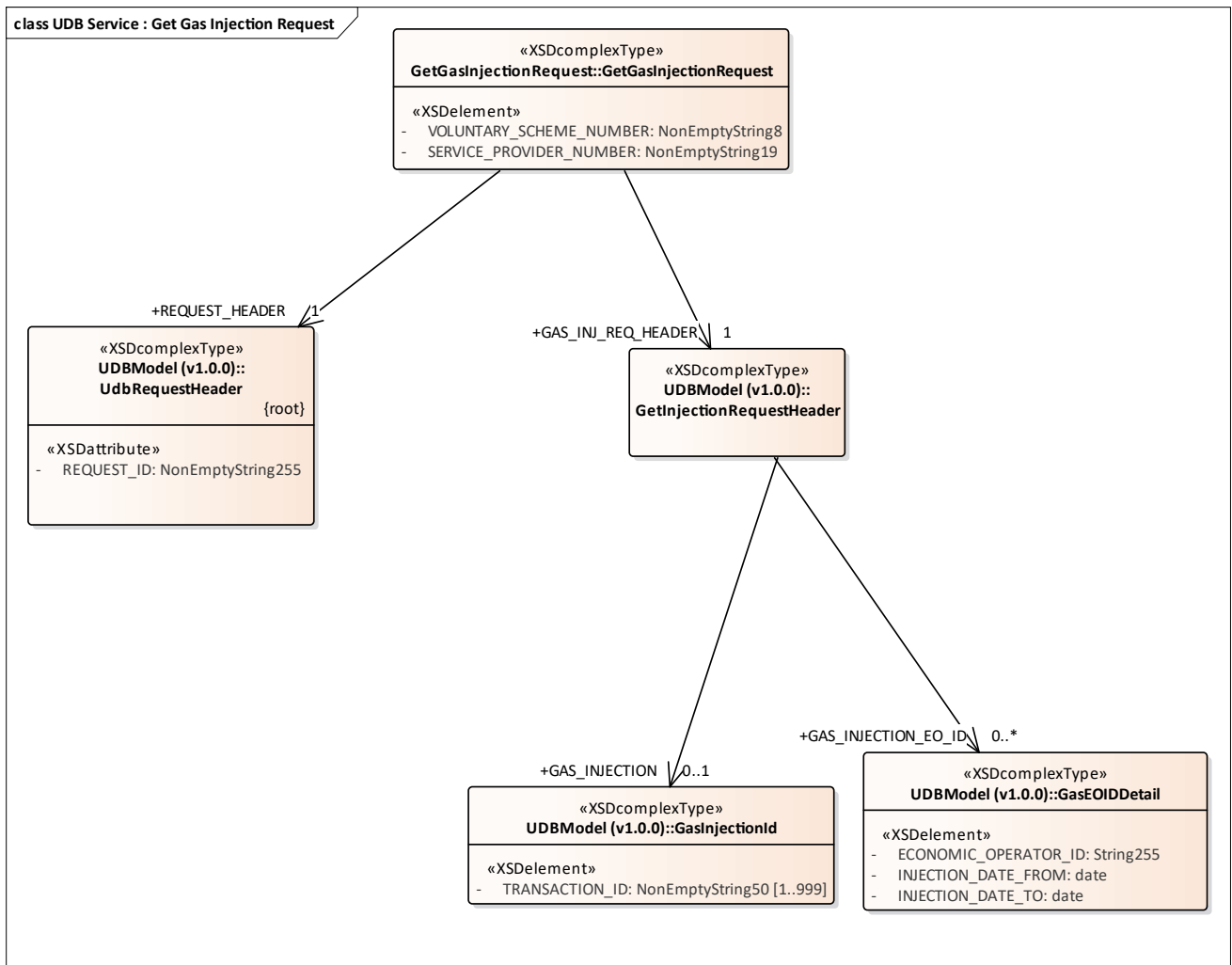


Figure 23: UDB Service : Get Gas Injection Request

3.1.1.23 UDB Service : Get Gas Injection Response diagram

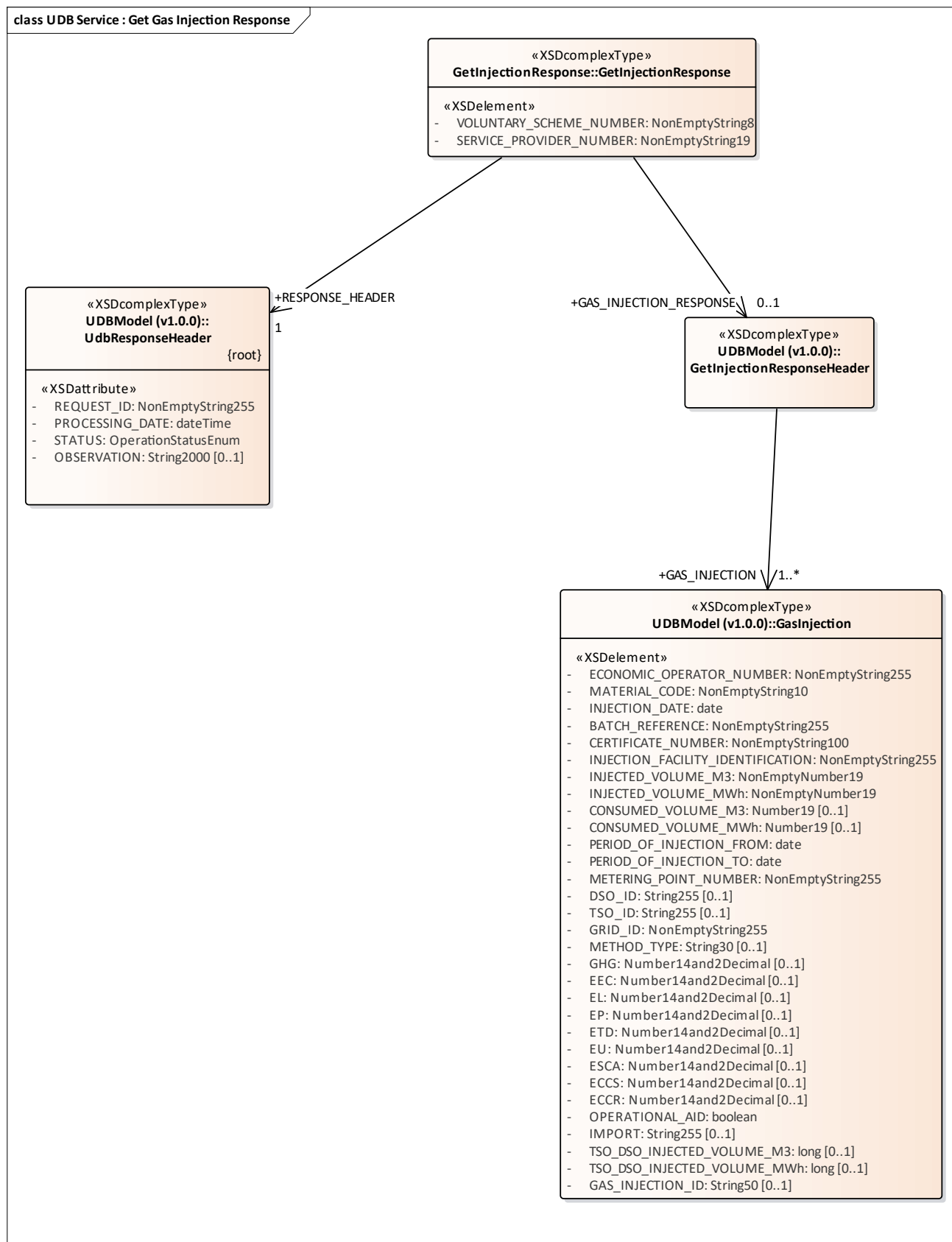


Figure 24: UDB Service : Get Gas Injection Response

3.1.1.24 UDB Service : Get Material Process List Request diagram

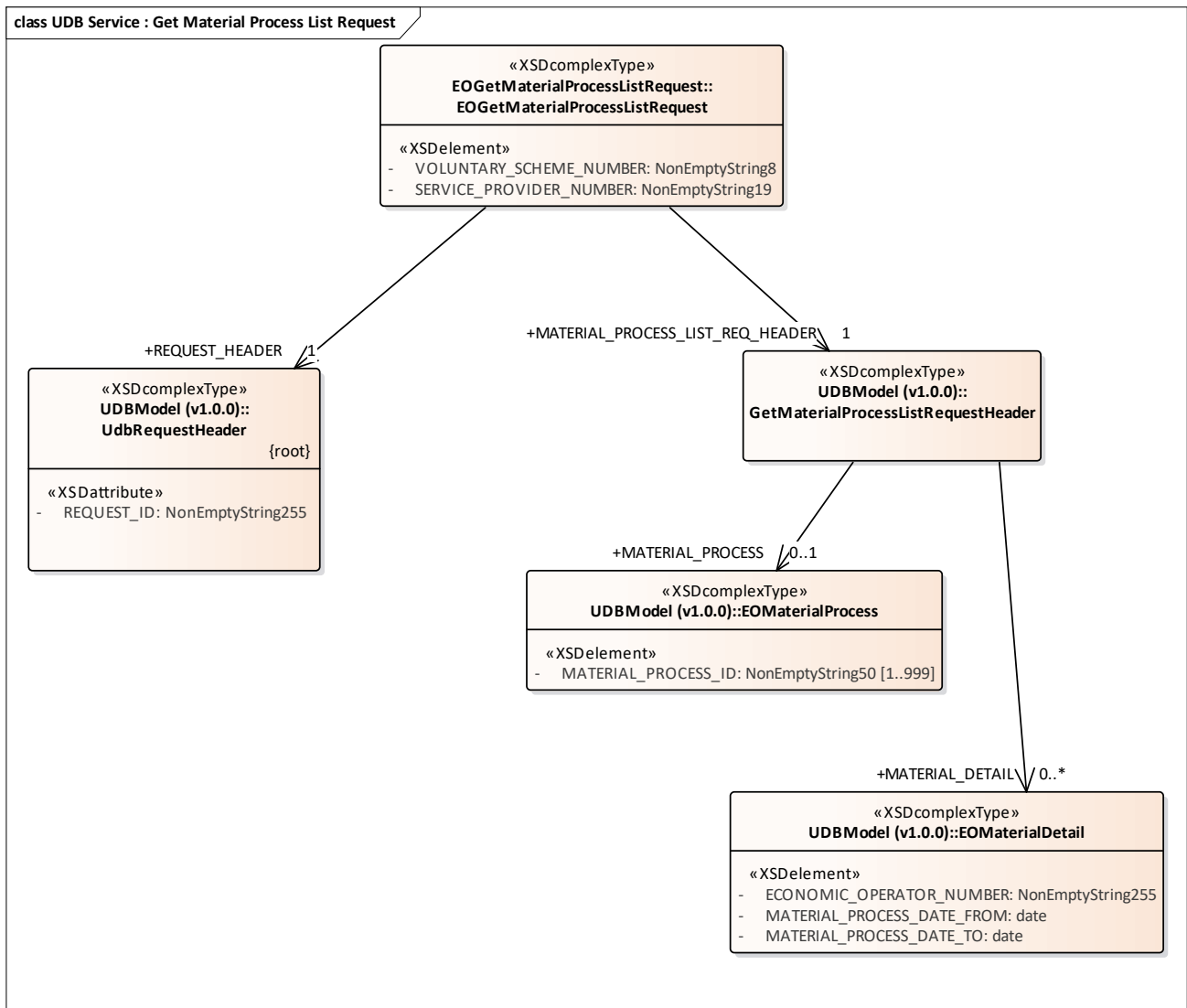


Figure 25: UDB Service : Get Material Process List Request

3.1.1.25 UDB Service : Get Material Process List Response diagram

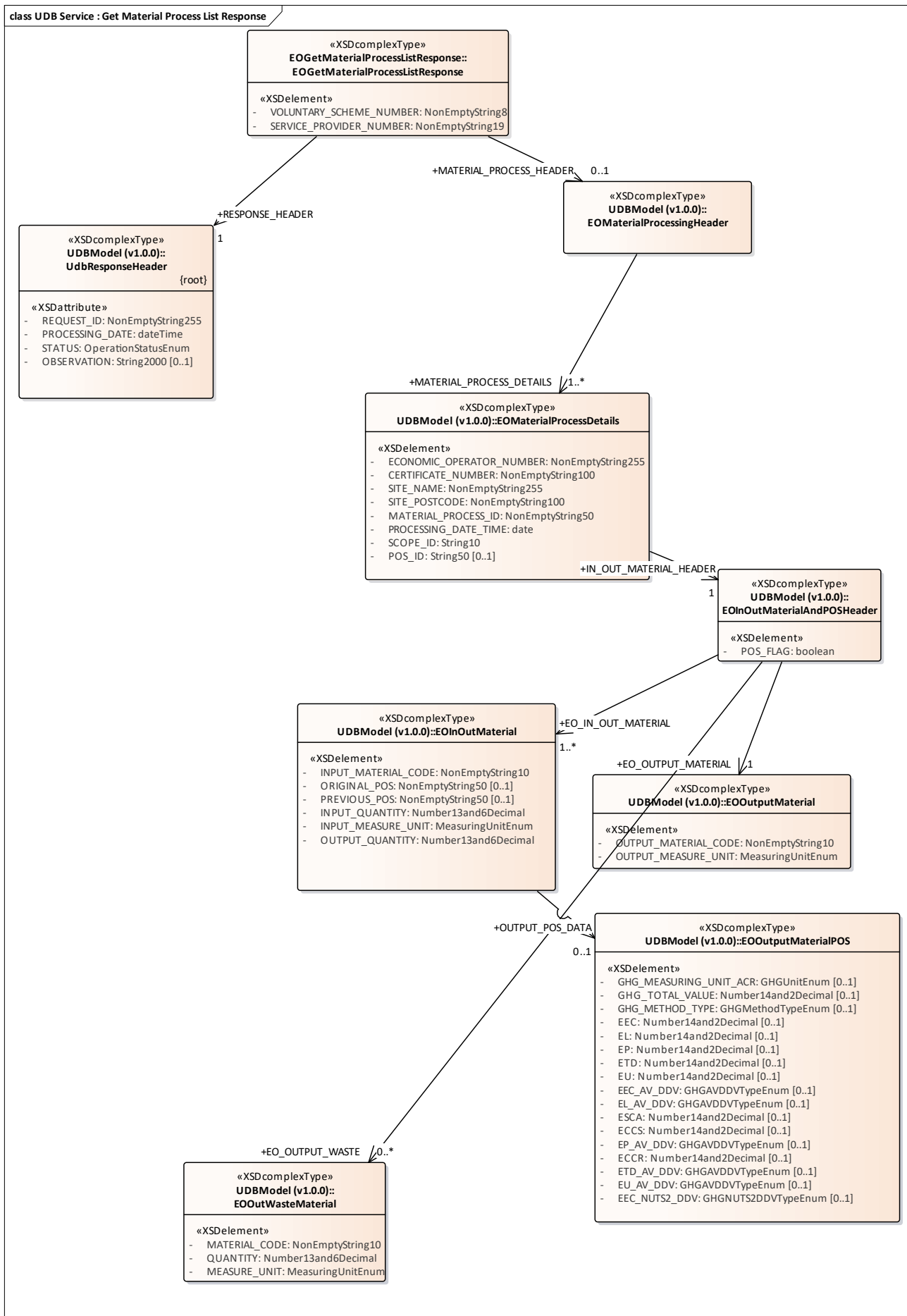


Figure 26: UDB Service : Get Material Process List Response

3.1.1.26 UDB Service : Get POS List Request diagram

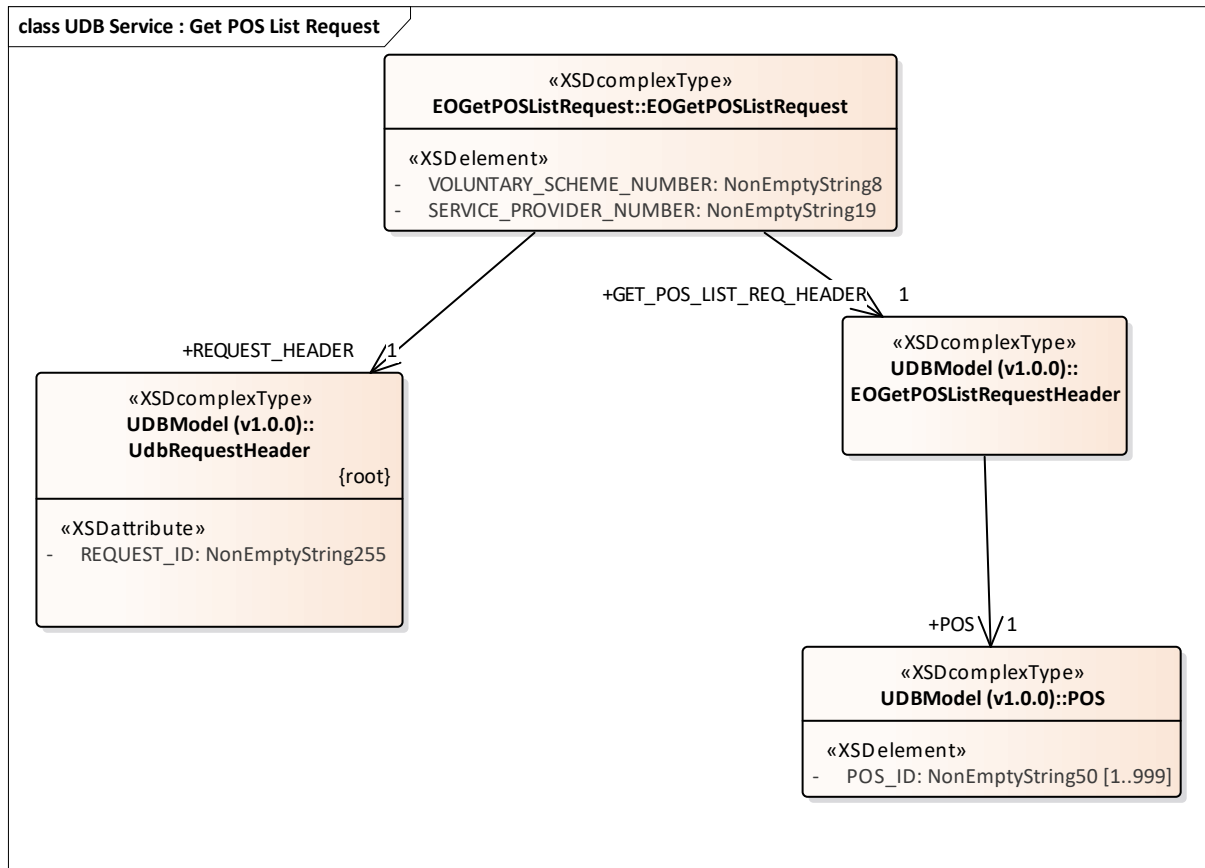


Figure 27: UDB Service : Get POS List Request

3.1.1.27 UDB Service : Get POS List Response diagram

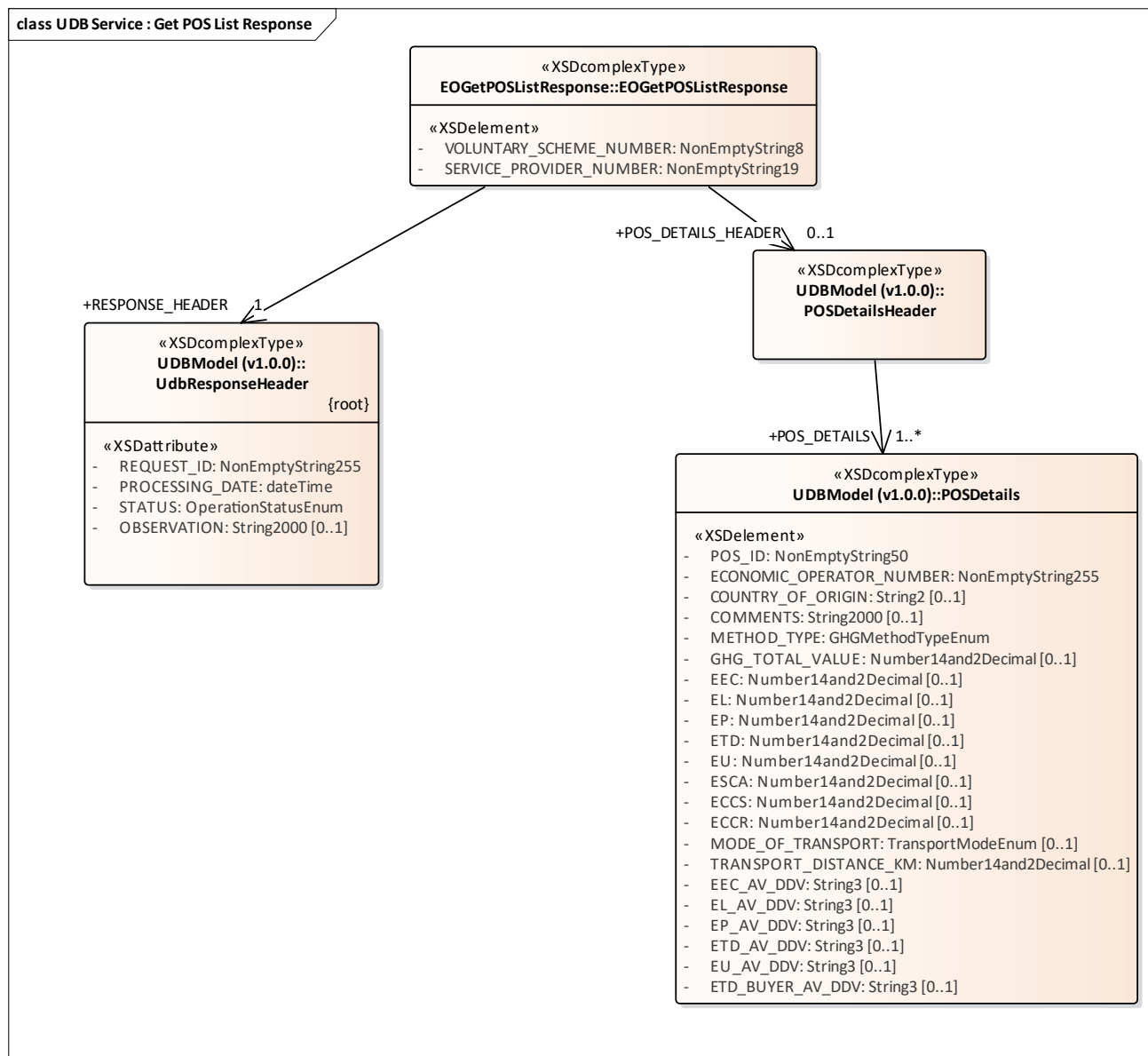


Figure 28: UDB Service : Get POS List Response

3.1.1.28 UDB Service : Get Transaction Request diagram

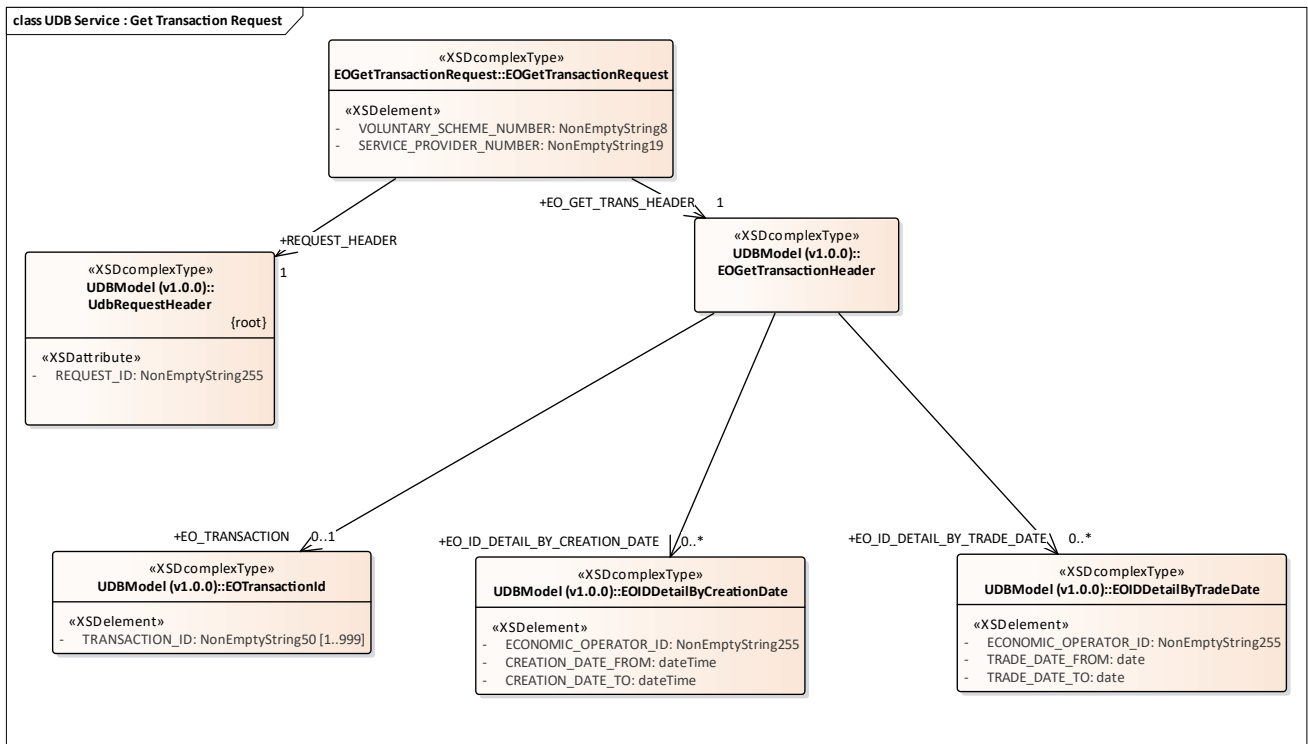


Figure 29: UDB Service : Get Transaction Request

3.1.1.29 UDB Service : Get Transaction Response diagram

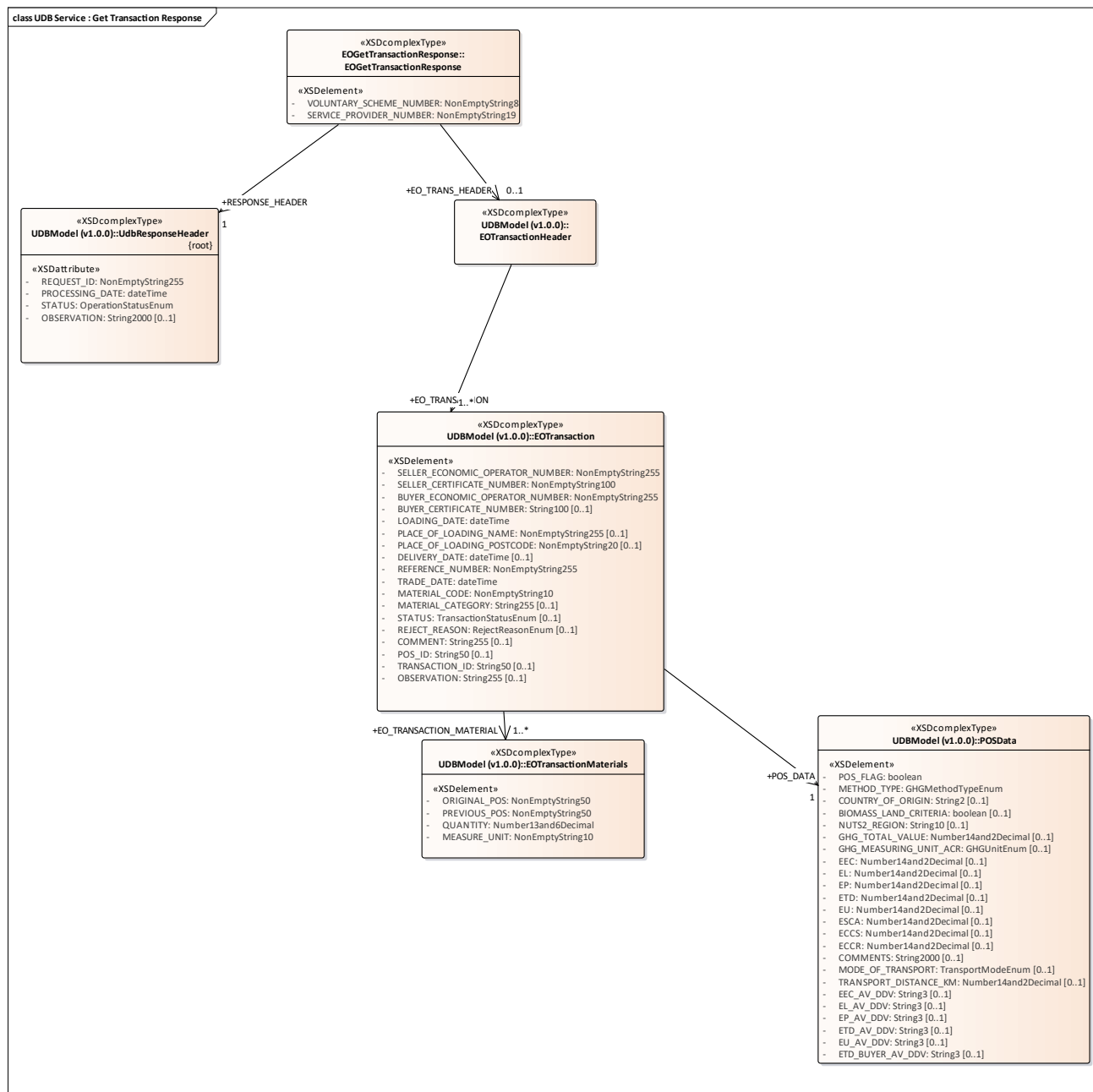


Figure 30: UDB Service : Get Transaction Response

3.1.1.30 UDB Service : Transaction Buyer Notification diagram

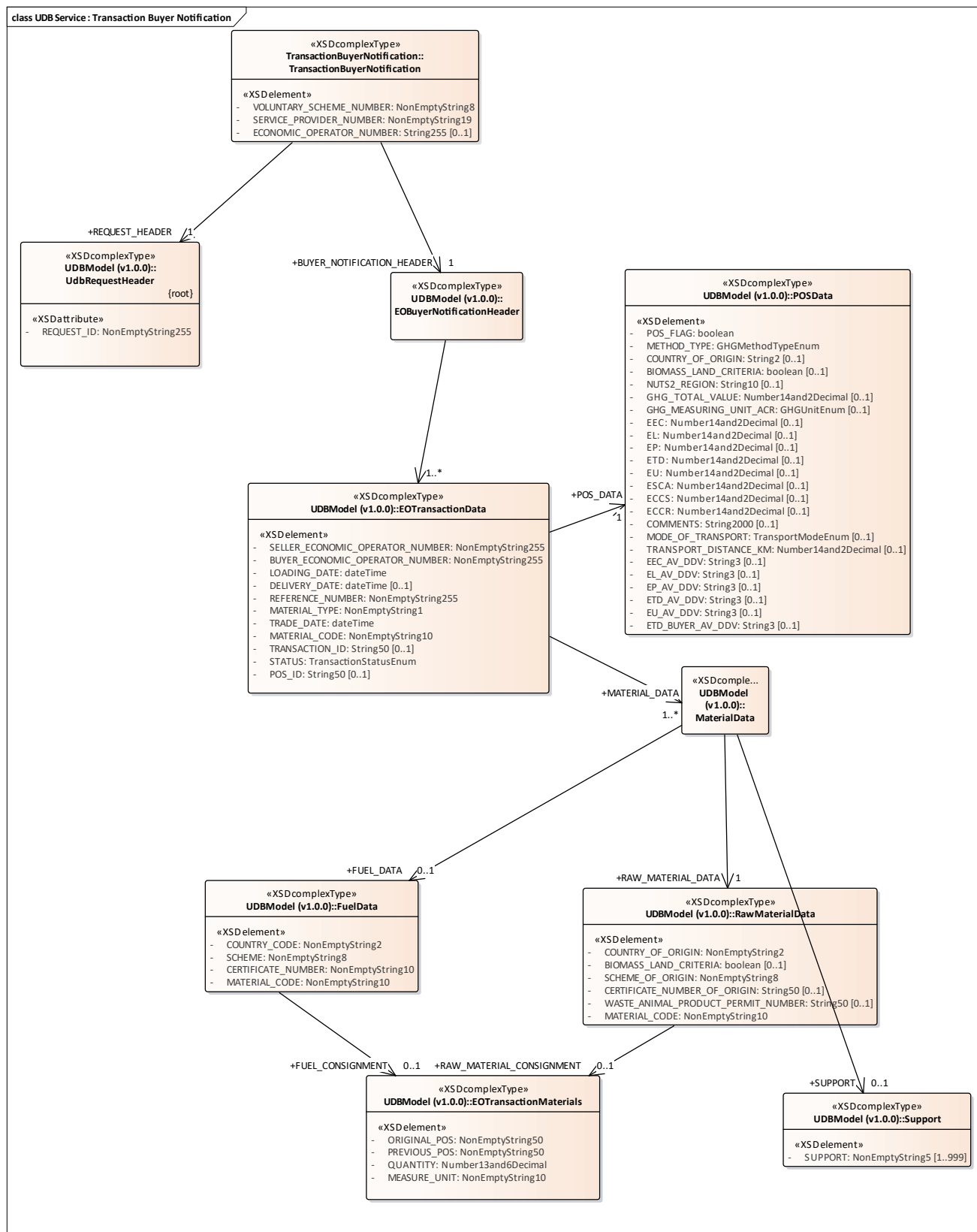


Figure 31: UDB Service : Transaction Buyer Notification

3.1.1.31 UDB Service : Transaction Seller Notification diagram

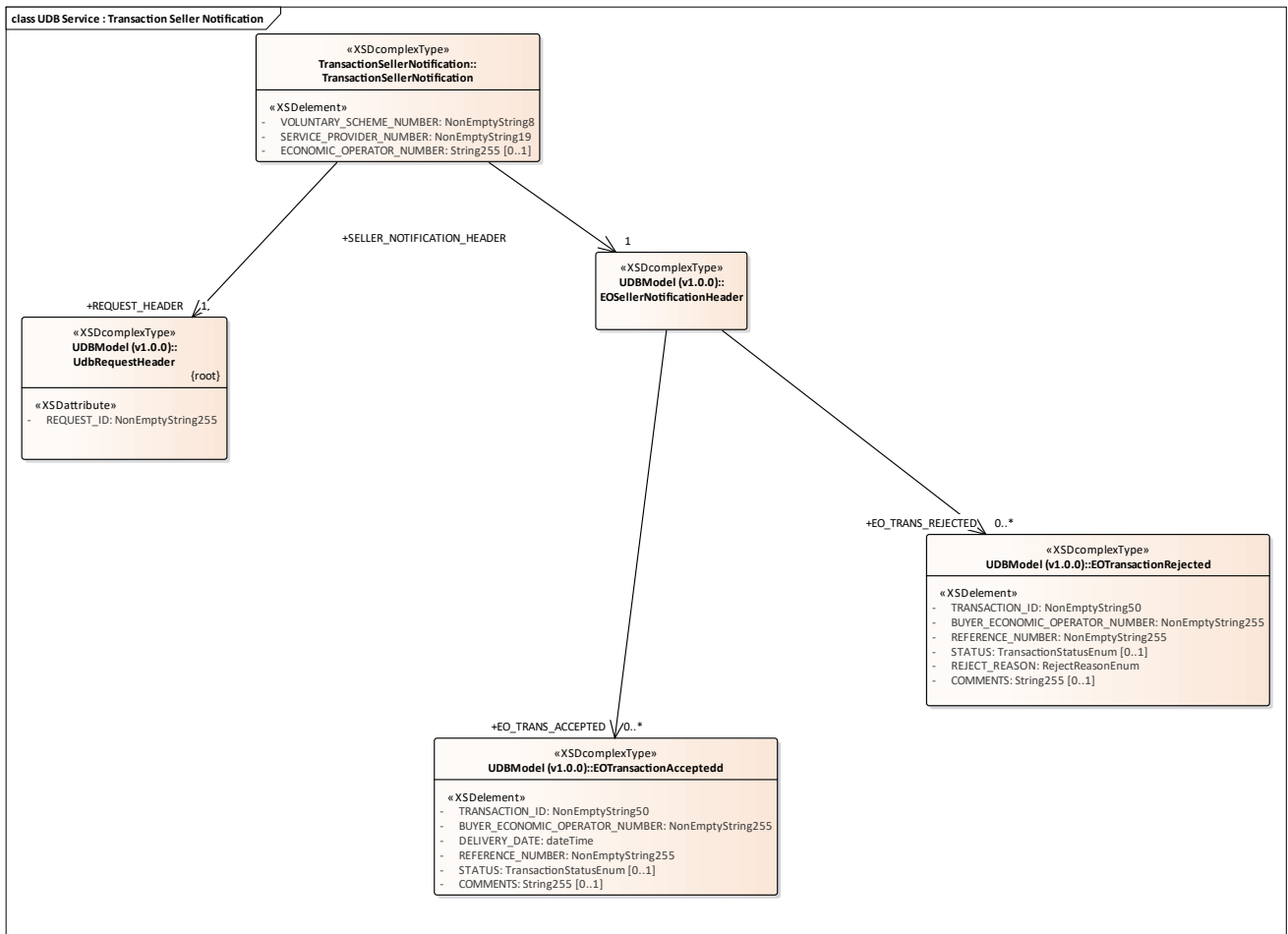


Figure 32: UDB Service : Transaction Seller Notification

3.1.1.32 UDB Service : Update Gas Sustainability Request diagram

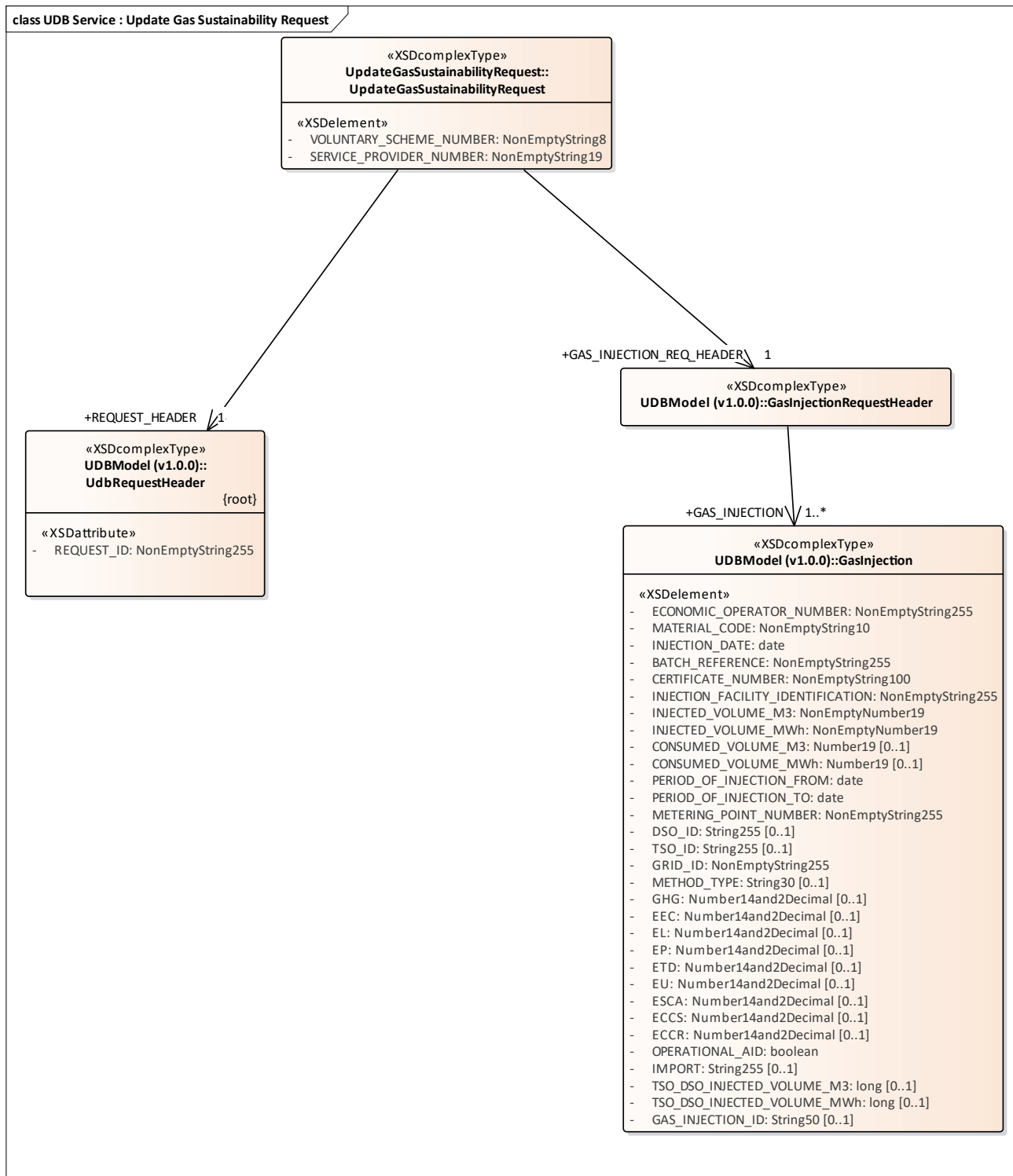


Figure 33: UDB Service : Update Gas Sustainability Request

3.1.1.33 UDB Service : Update Gas Sustainability Response diagram

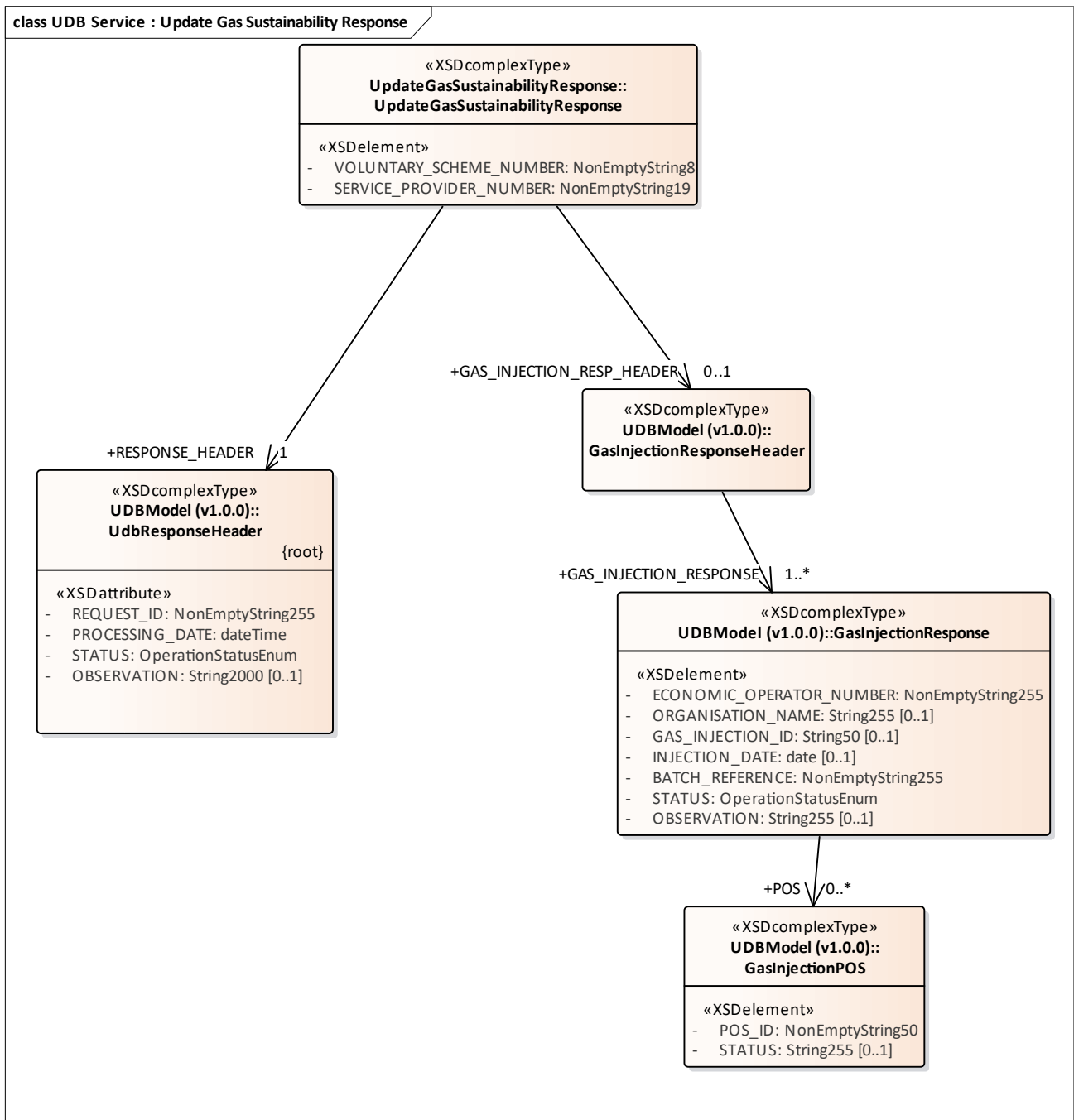


Figure 34: UDB Service : Update Gas Sustainability Response

3.1.1.34 UDB Service : Update POS Request diagram

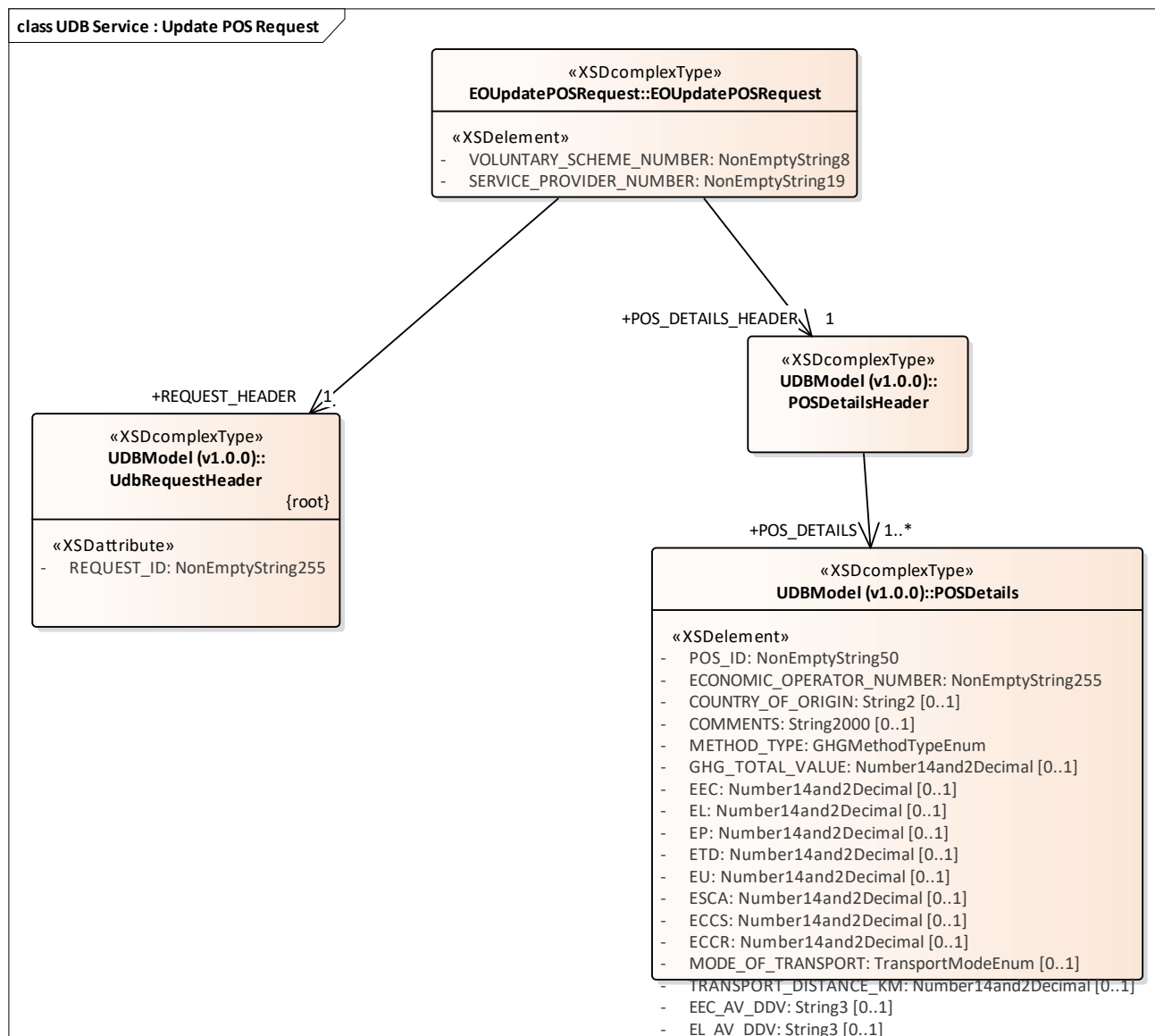


Figure 35: UDB Service : Update POS Request

3.1.1.35 UDB Service : Update POS Response diagram

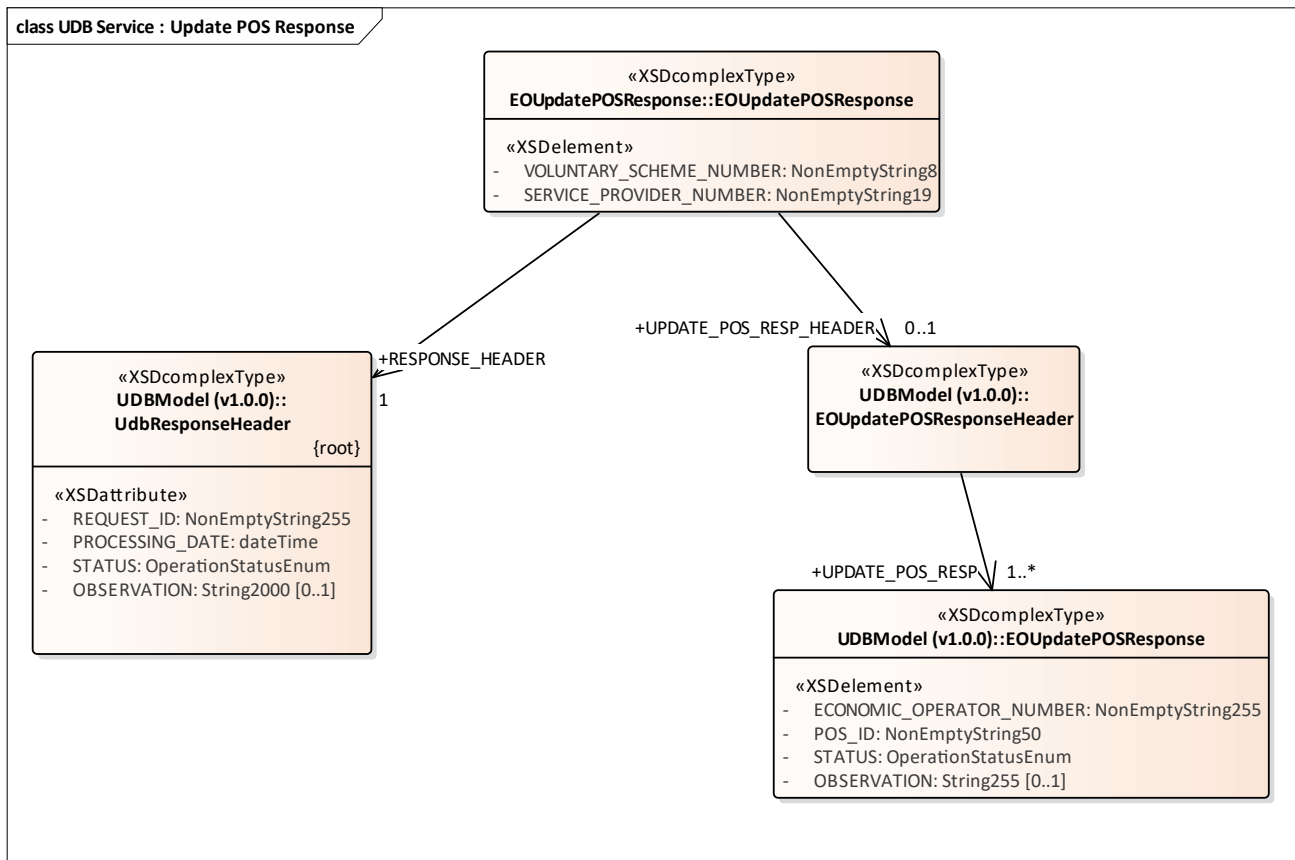


Figure 36: UDB Service : Update POS Response

3.1.1.36 UDB service : Add FGP Transaction Request diagram

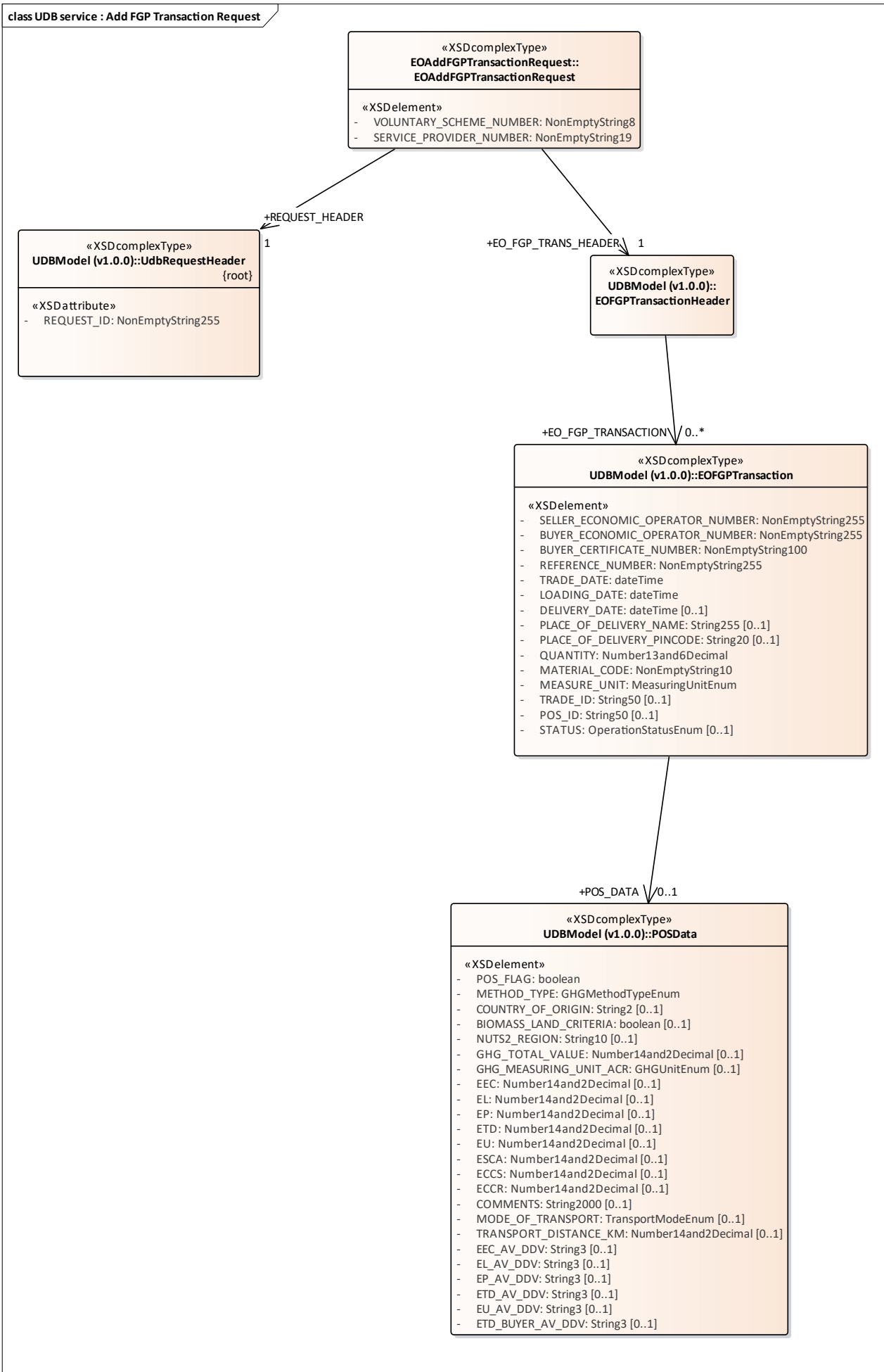


Figure 37: UDB service : Add FGP Transaction Request

3.1.1.37 UDB service : Add FGP Transaction Response diagram

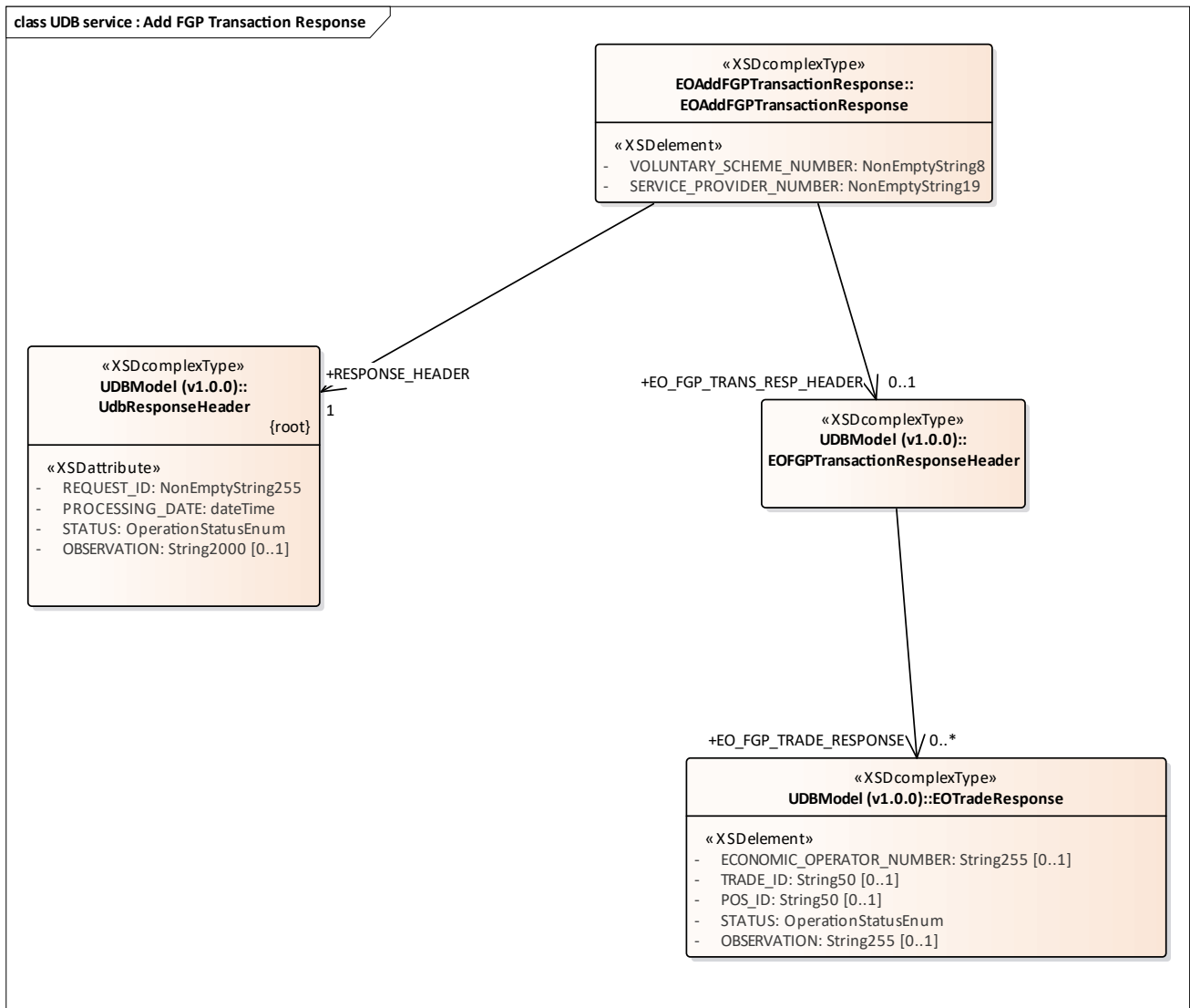


Figure 38: UDB service : Add FGP Transaction Response

3.1.1.38 UDB service : Add Gas Withdrawal Request diagram

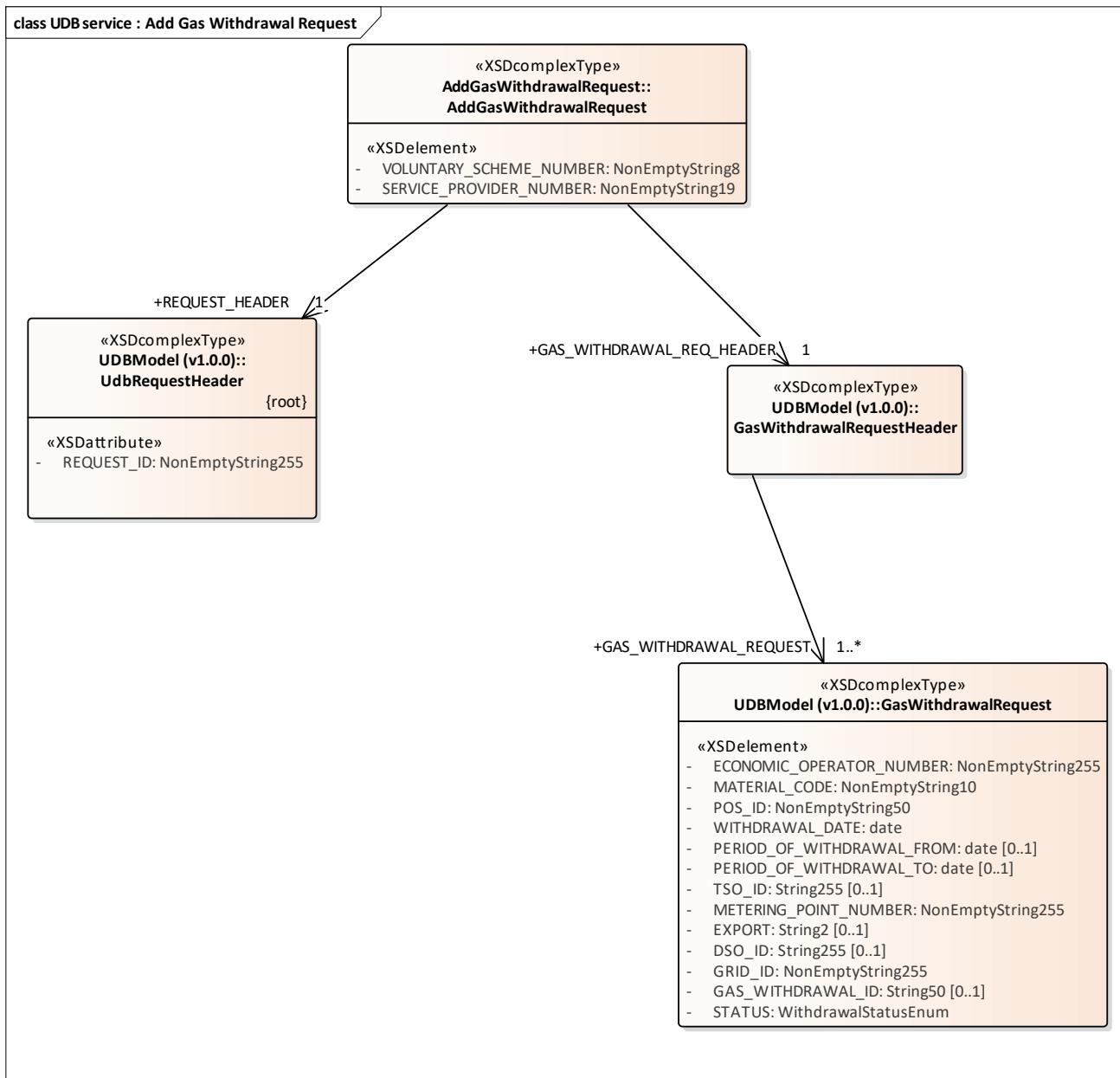


Figure 39: UDB service : Add Gas Withdrawal Request

3.1.1.39 UDB service : Add Gas Withdrawal Response diagram

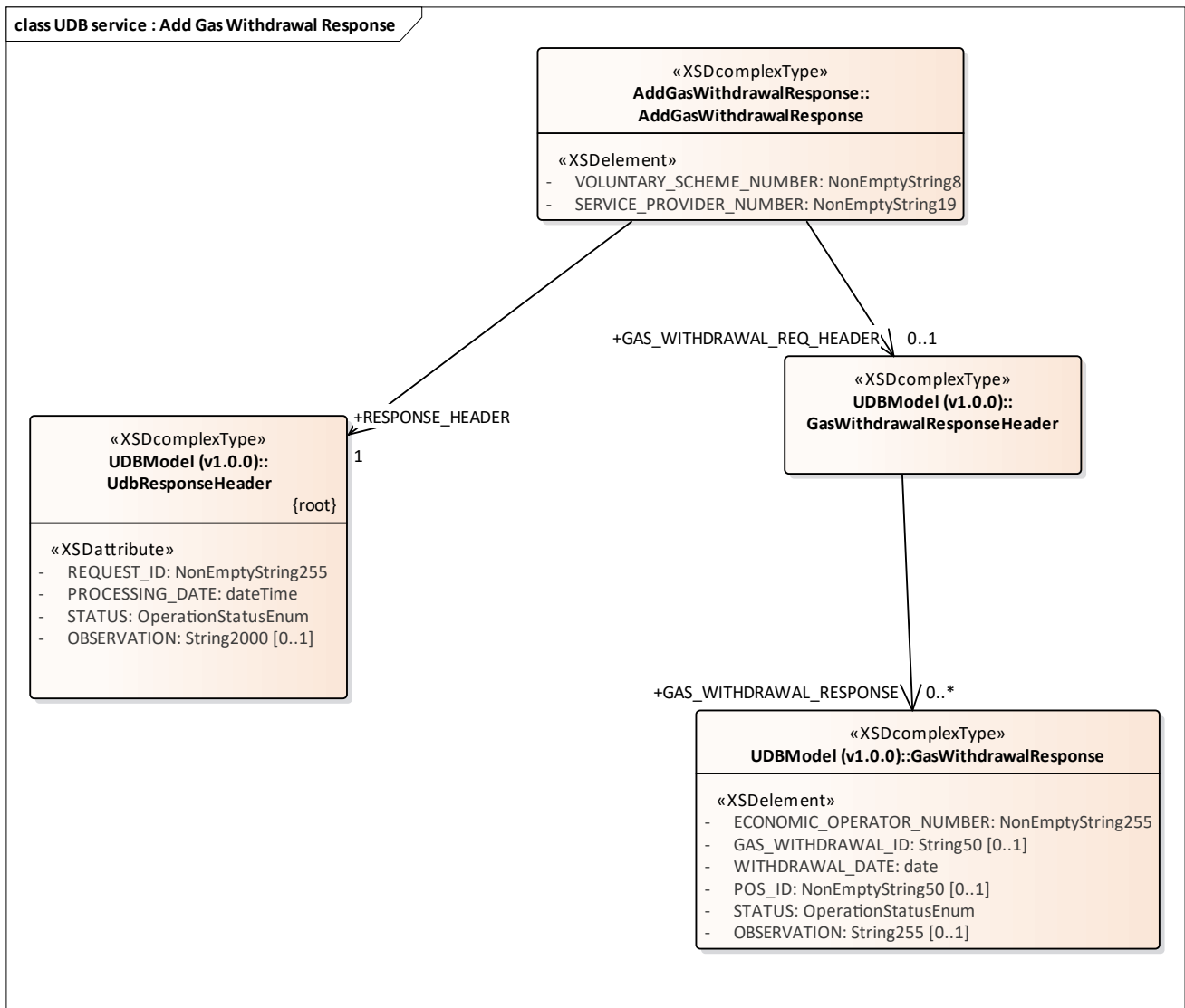


Figure 40: UDB service : Add Gas Withdrawal Response

3.1.1.40 UDB service : Add Point of Origin Trade Request diagram

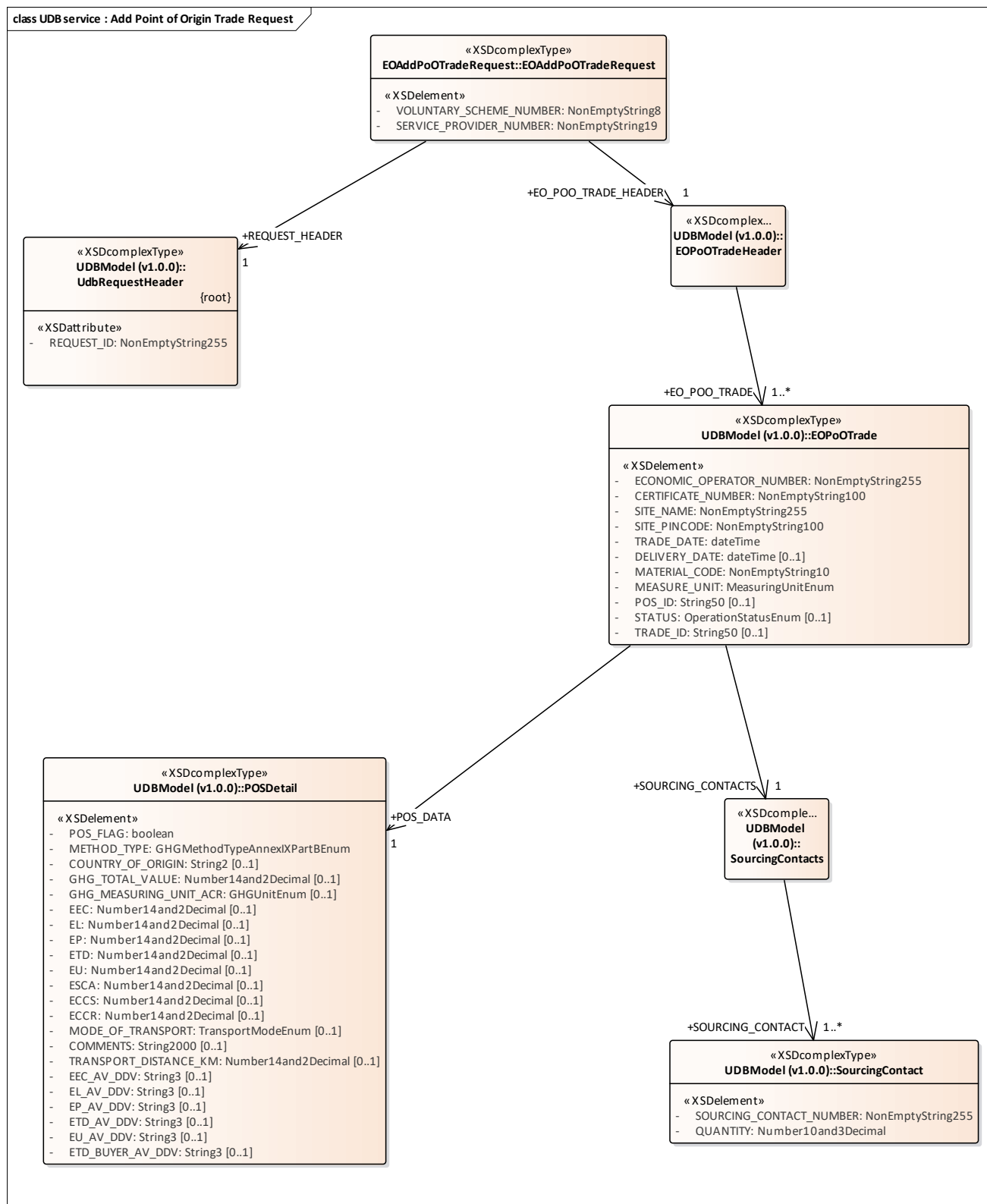


Figure 41: UDB service : Add Point of Origin Trade Request

3.1.1.41 UDB service : Add Point of Origin Trade Response diagram

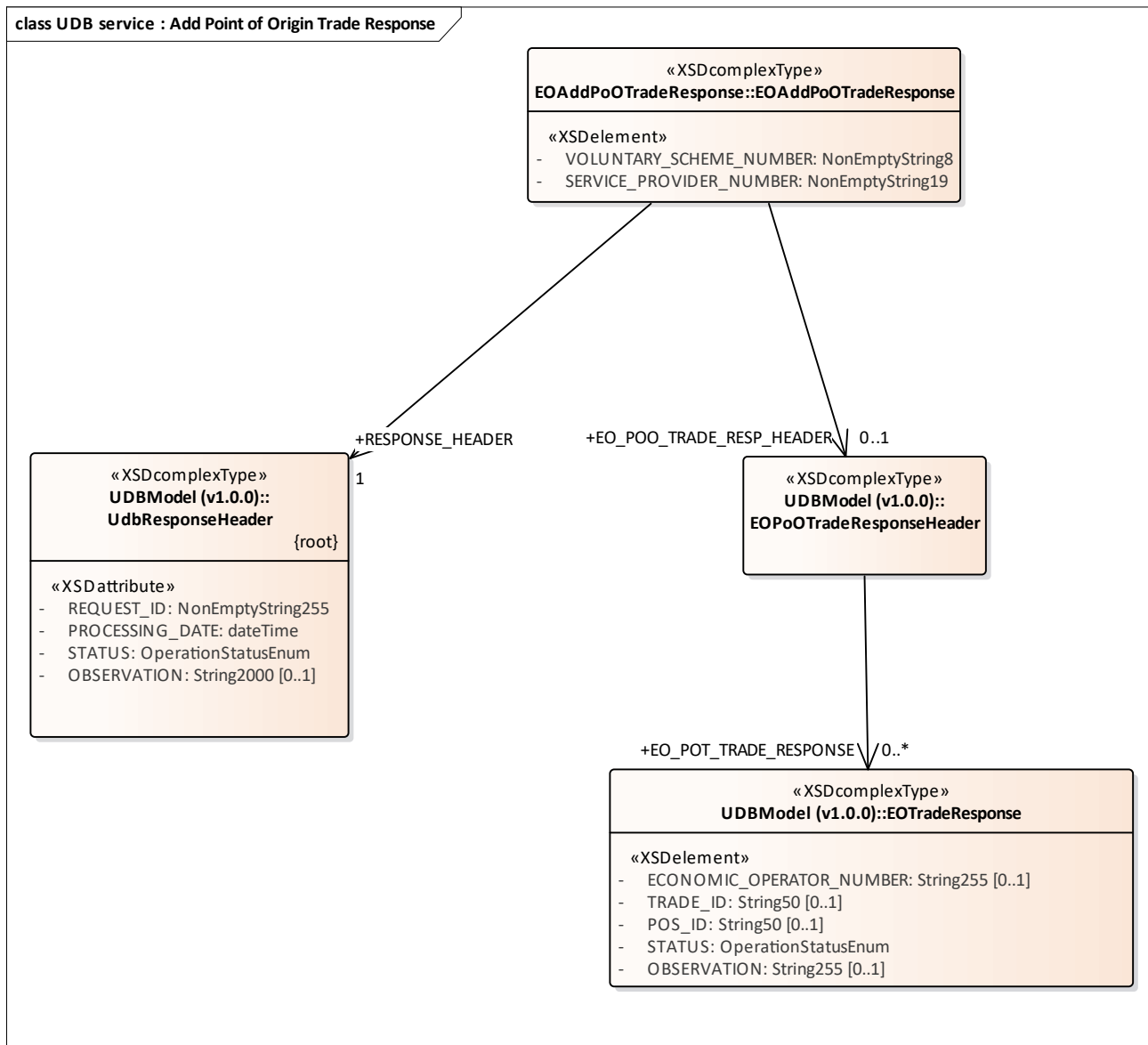


Figure 42: UDB service : Add Point of Origin Trade Response

3.1.1.42 UDB service : Cancel Transaction Request diagram

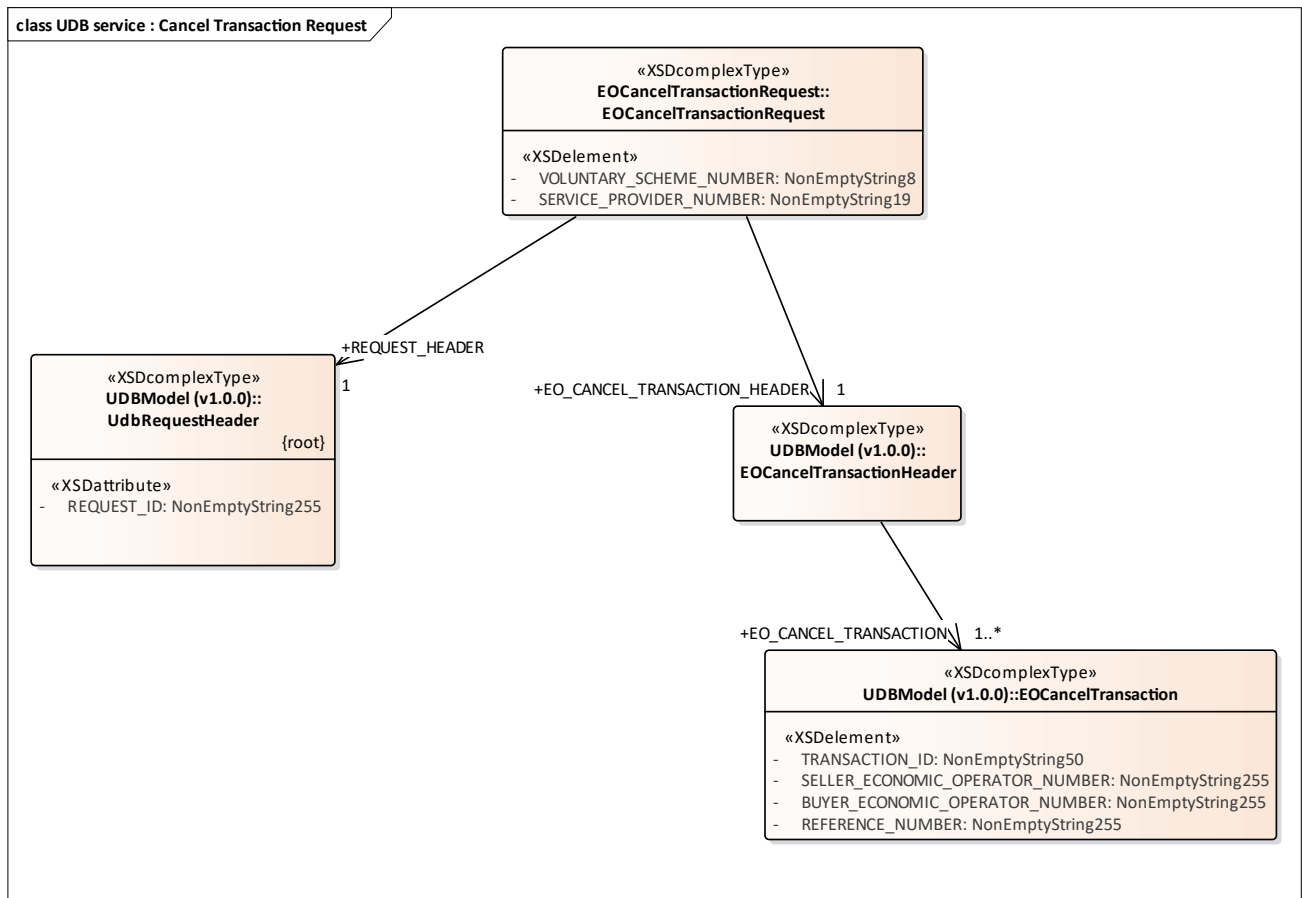


Figure 43: UDB service : Cancel Transaction Request

3.1.1.43 UDB service : Cancel Transaction Response diagram

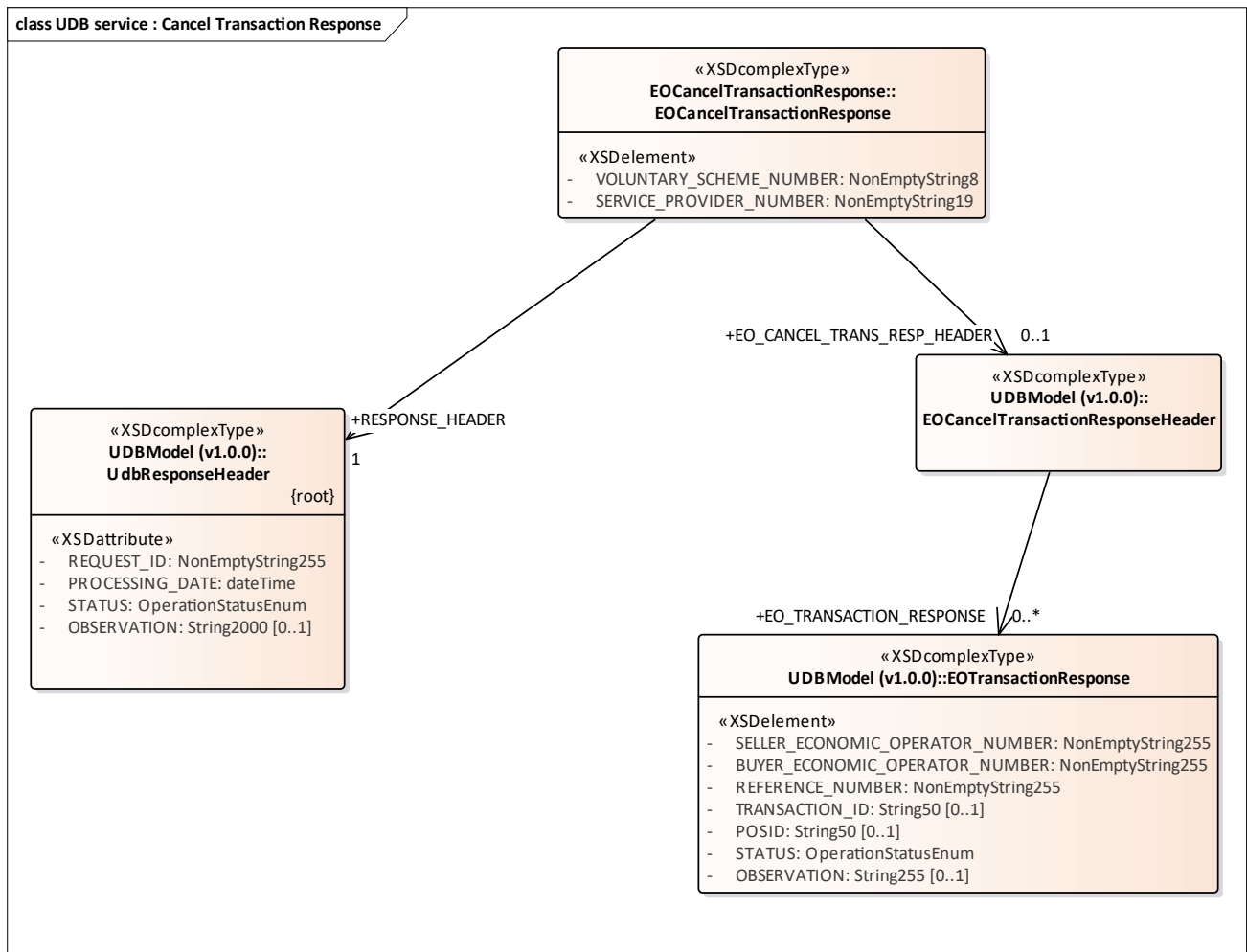


Figure 44: UDB service : Cancel Transaction Response

3.1.1.44 UDB service : Confirm Gas Injection Request diagram

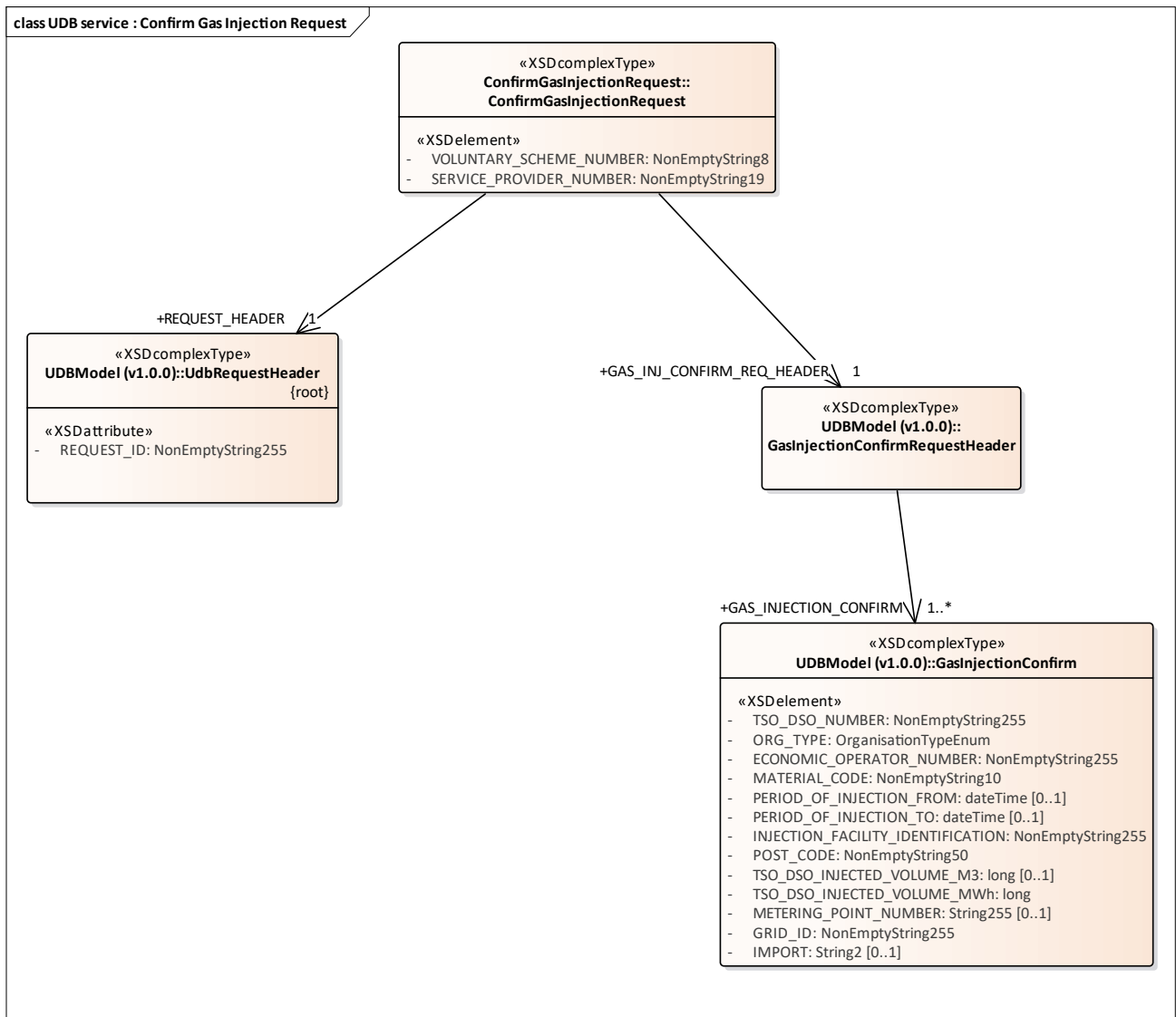


Figure 45: UDB service : Confirm Gas Injection Request

3.1.1.45 UDB service : Confirm Gas Injection Response diagram

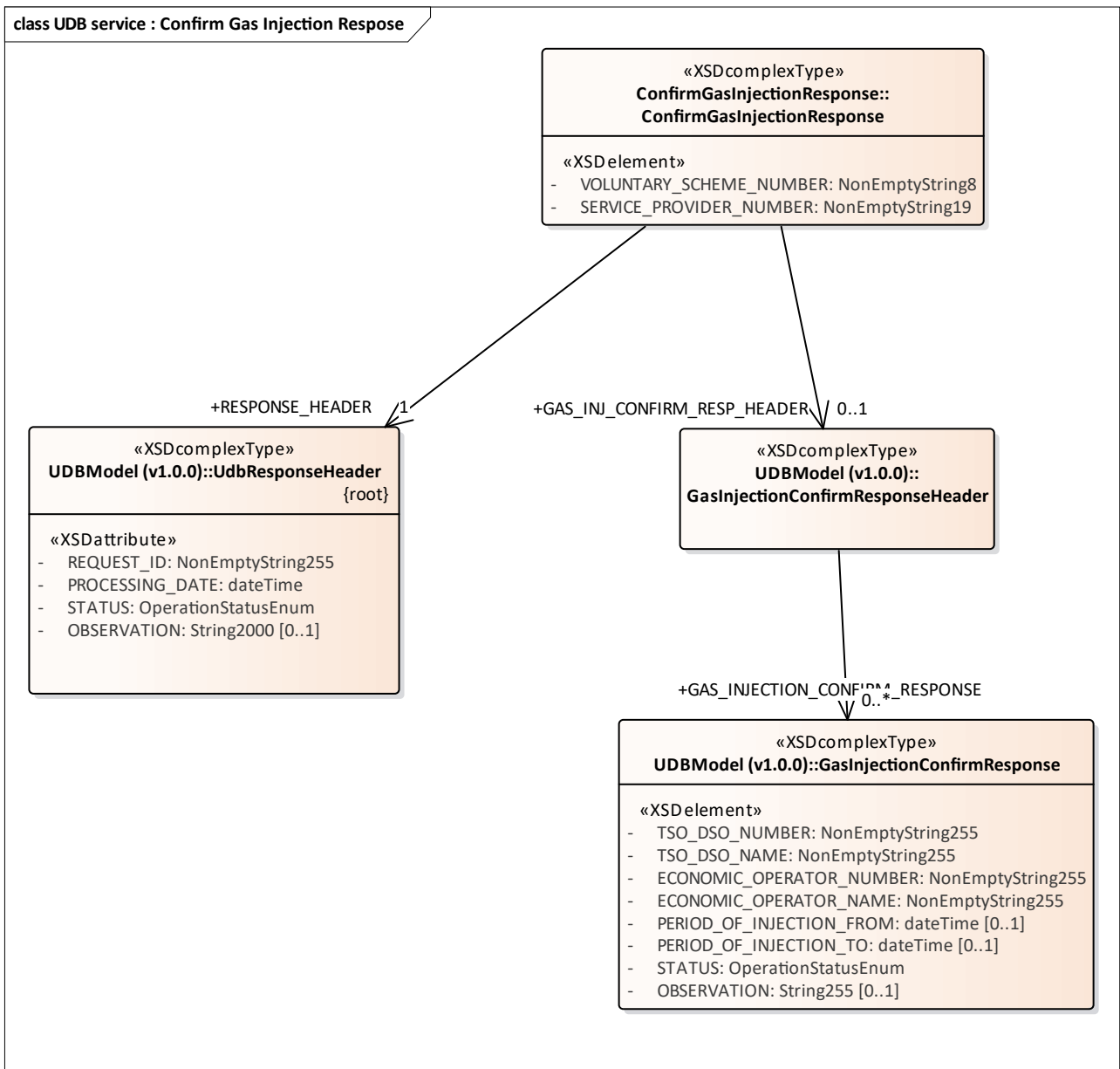


Figure 46: UDB service : Confirm Gas Injection Response

3.1.1.46 UDB service : Get FGP Transaction Request diagram

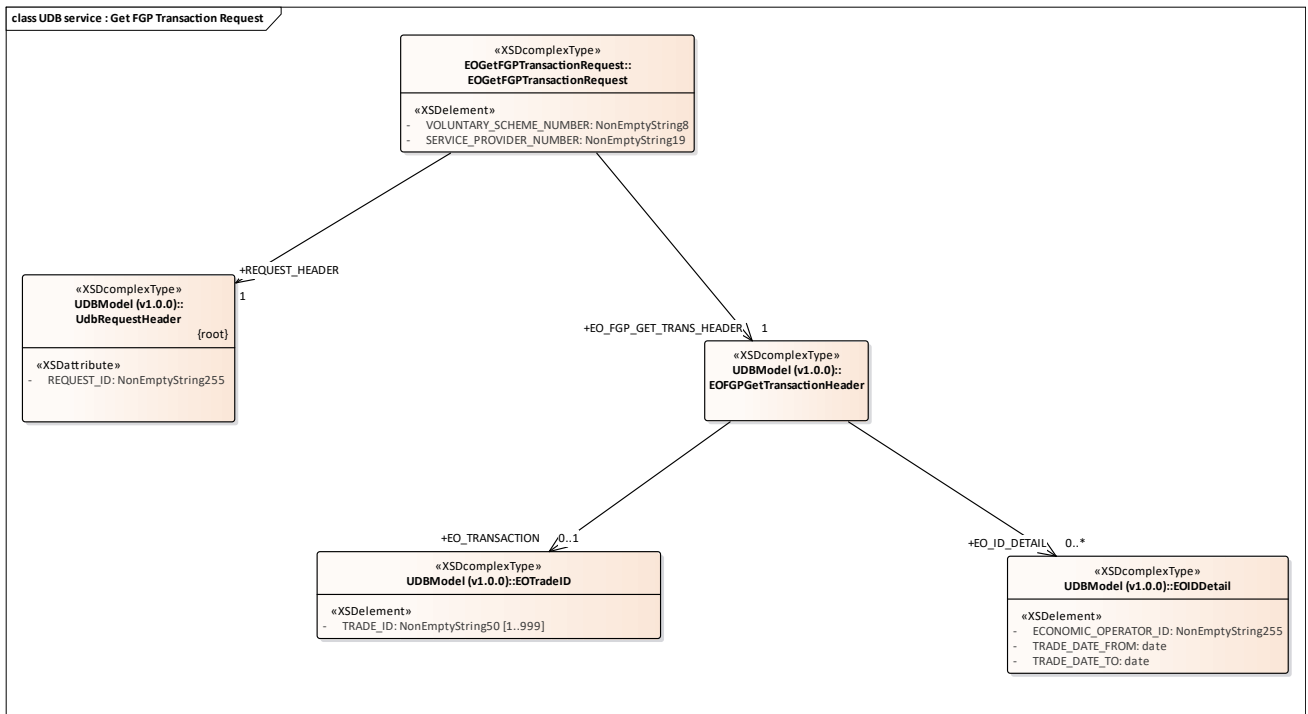


Figure 47: UDB service : Get FGP Transaction Request

3.1.1.47 UDB service : Get FGP Transaction Response diagram

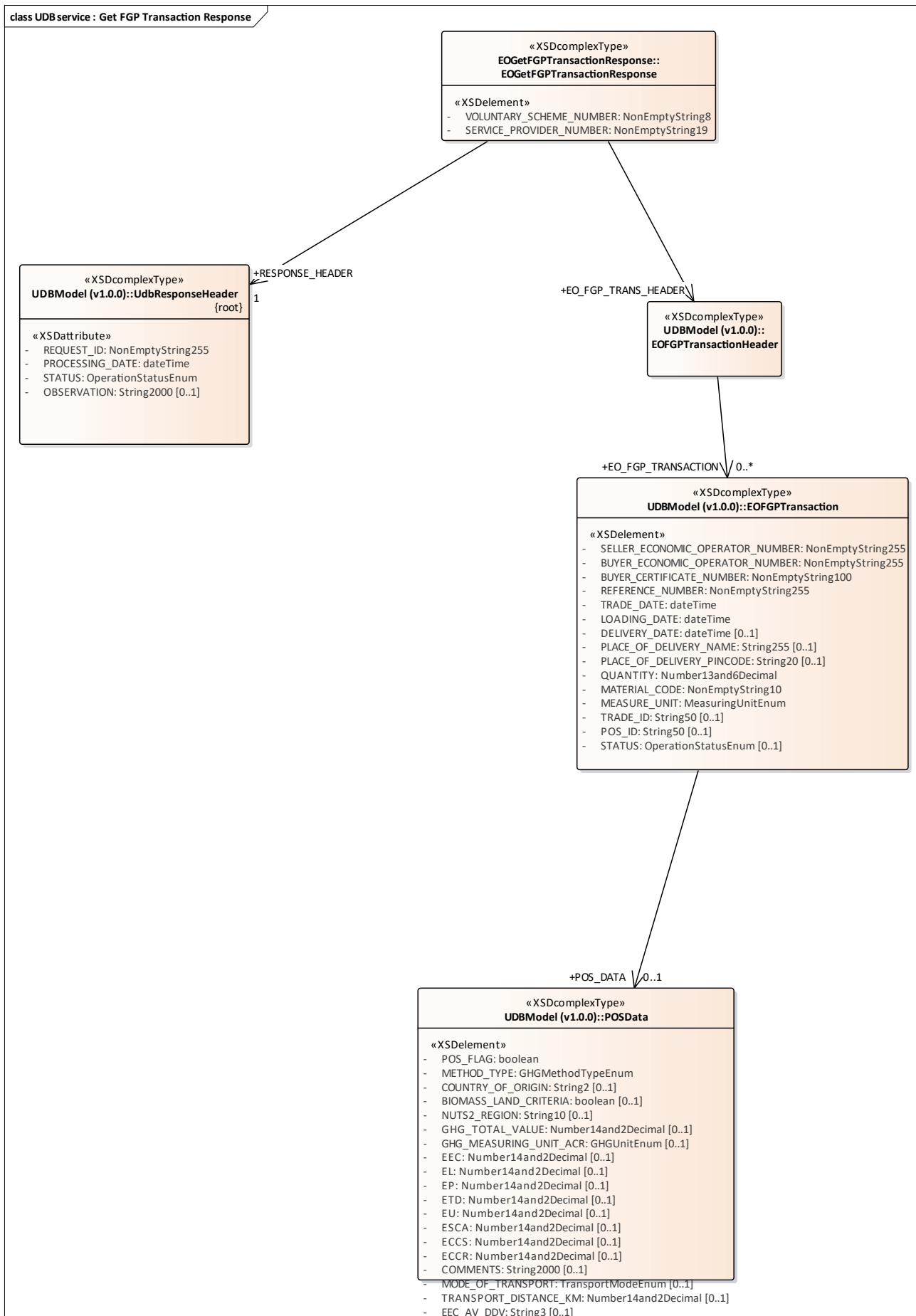


Figure 48: UDB service : Get FGP Transaction Response

3.1.1.48 UDB service : Get Initial Stock Request diagram

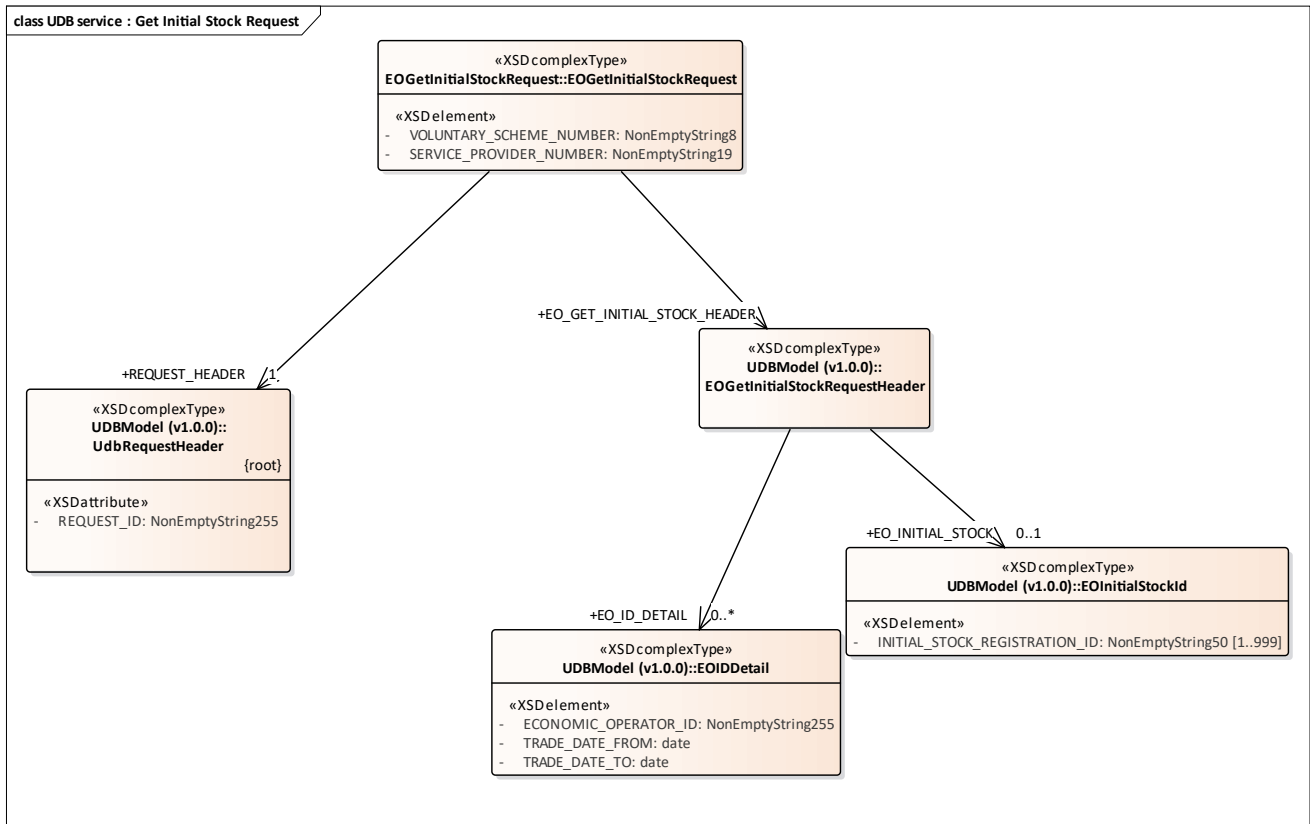


Figure 49: UDB service : Get Initial Stock Request

3.1.1.49 UDB service : Get Initial Stock Response diagram

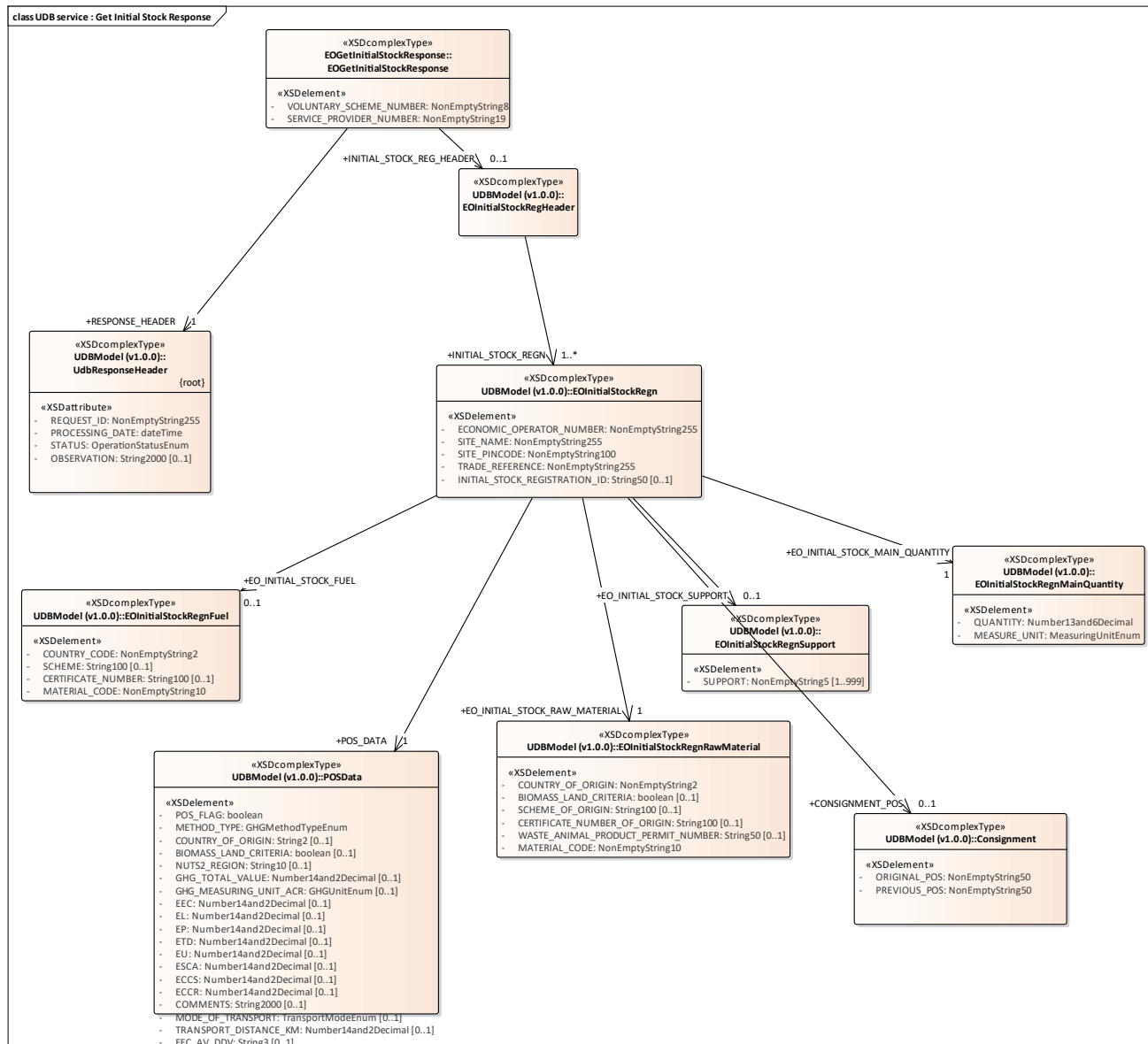


Figure 50: UDB service : Get Initial Stock Response

3.1.1.50 UDB service : Get Point of Origin Trade Request diagram

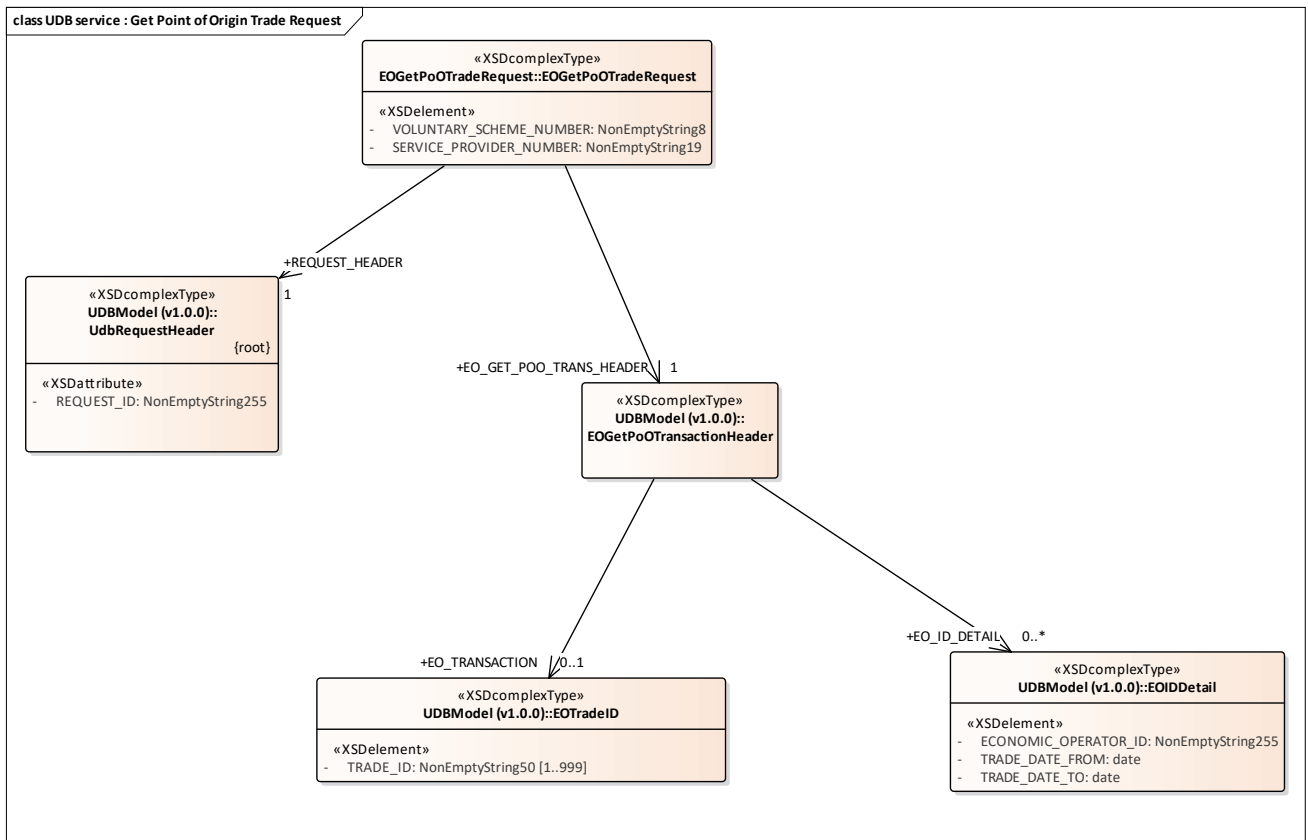
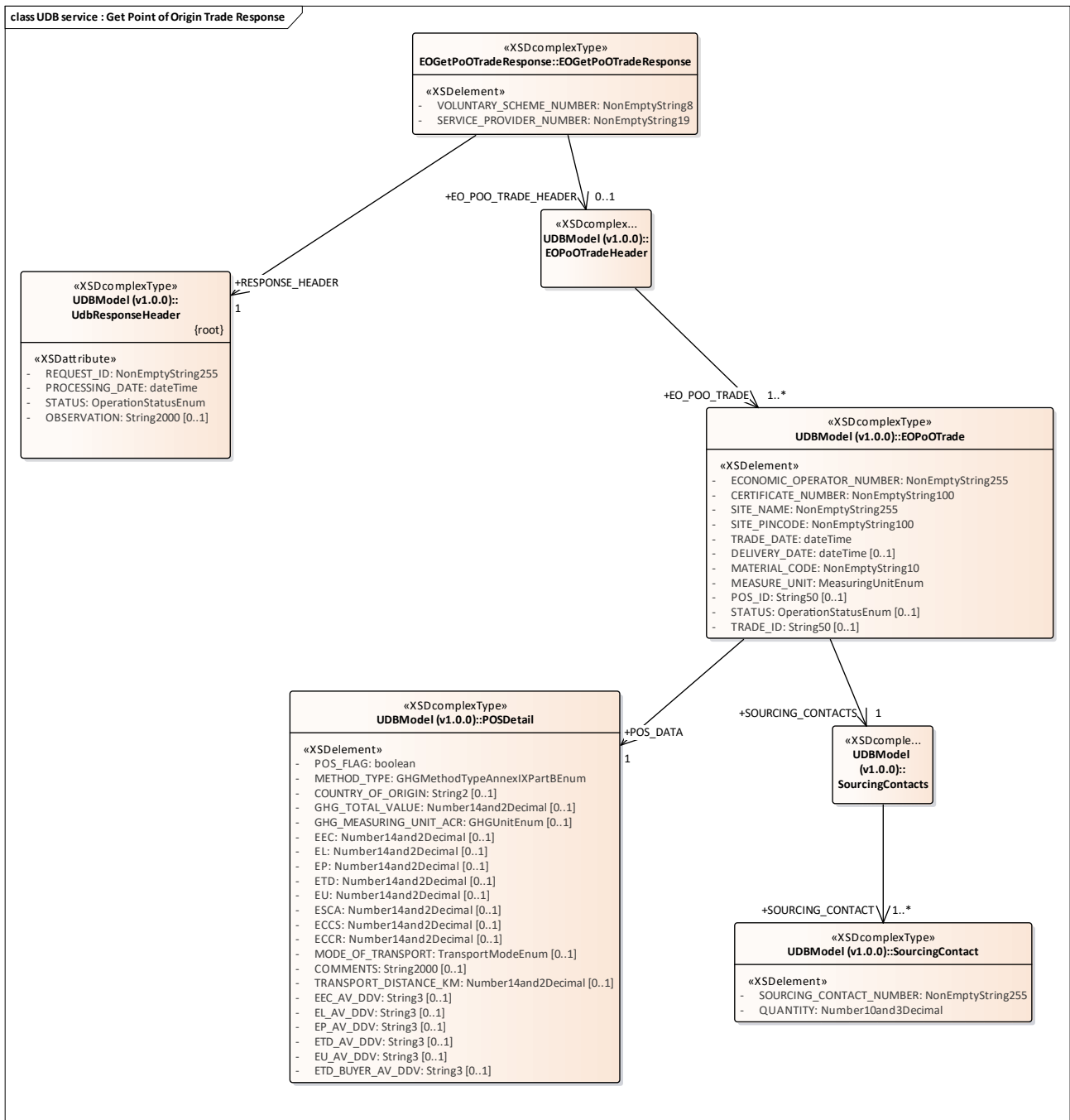


Figure 51: UDB service : Get Point of Origin Trade Request

3.1.1.51 UDB service : Get Point of Origin Trade Response diagram



3.1.1.52 UDB service : Get Sourcing Contact By ID Request diagram

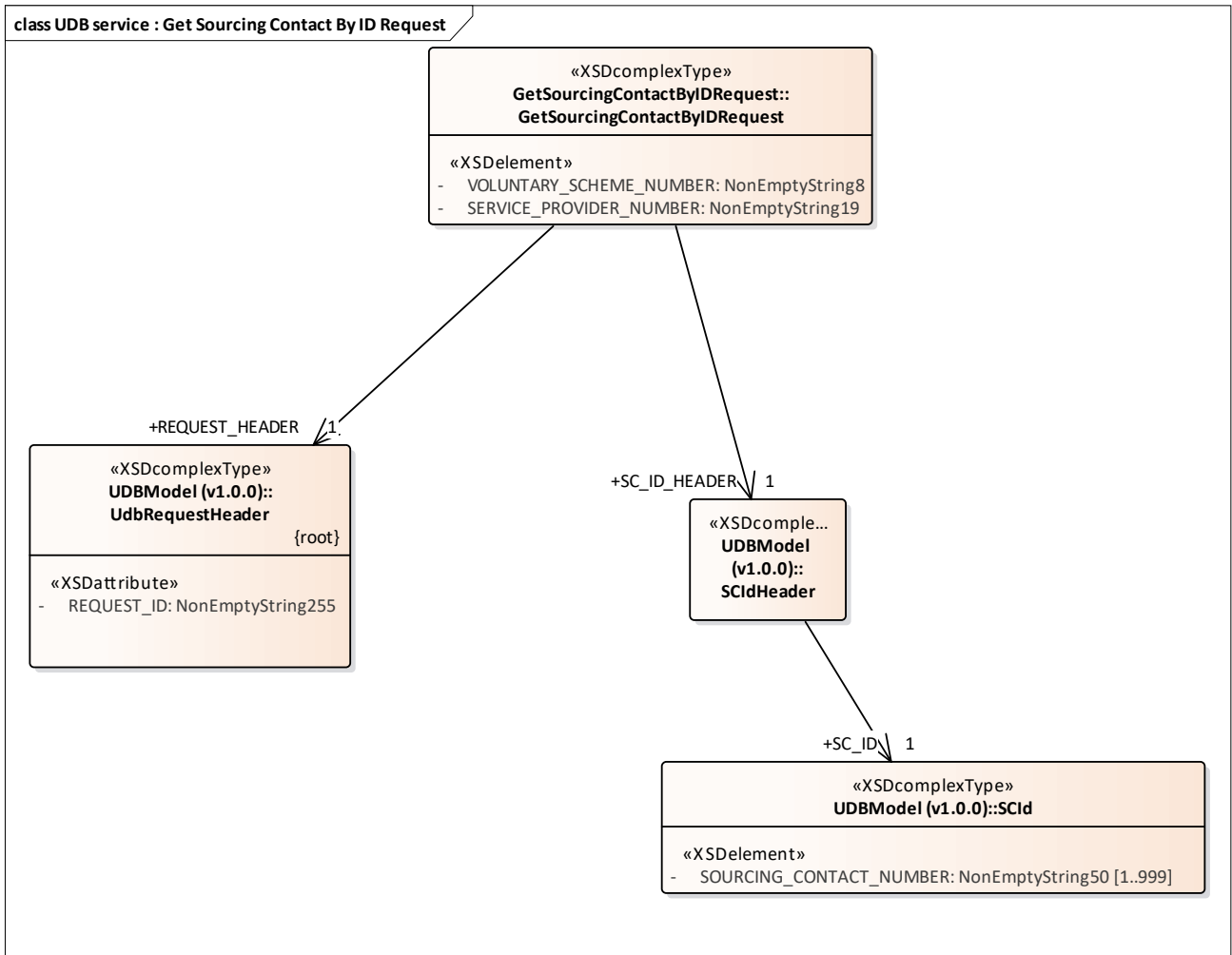


Figure 53: UDB service : Get Sourcing Contact By ID Request

3.1.1.53 UDB service : Get Sourcing Contact By ID Response diagram

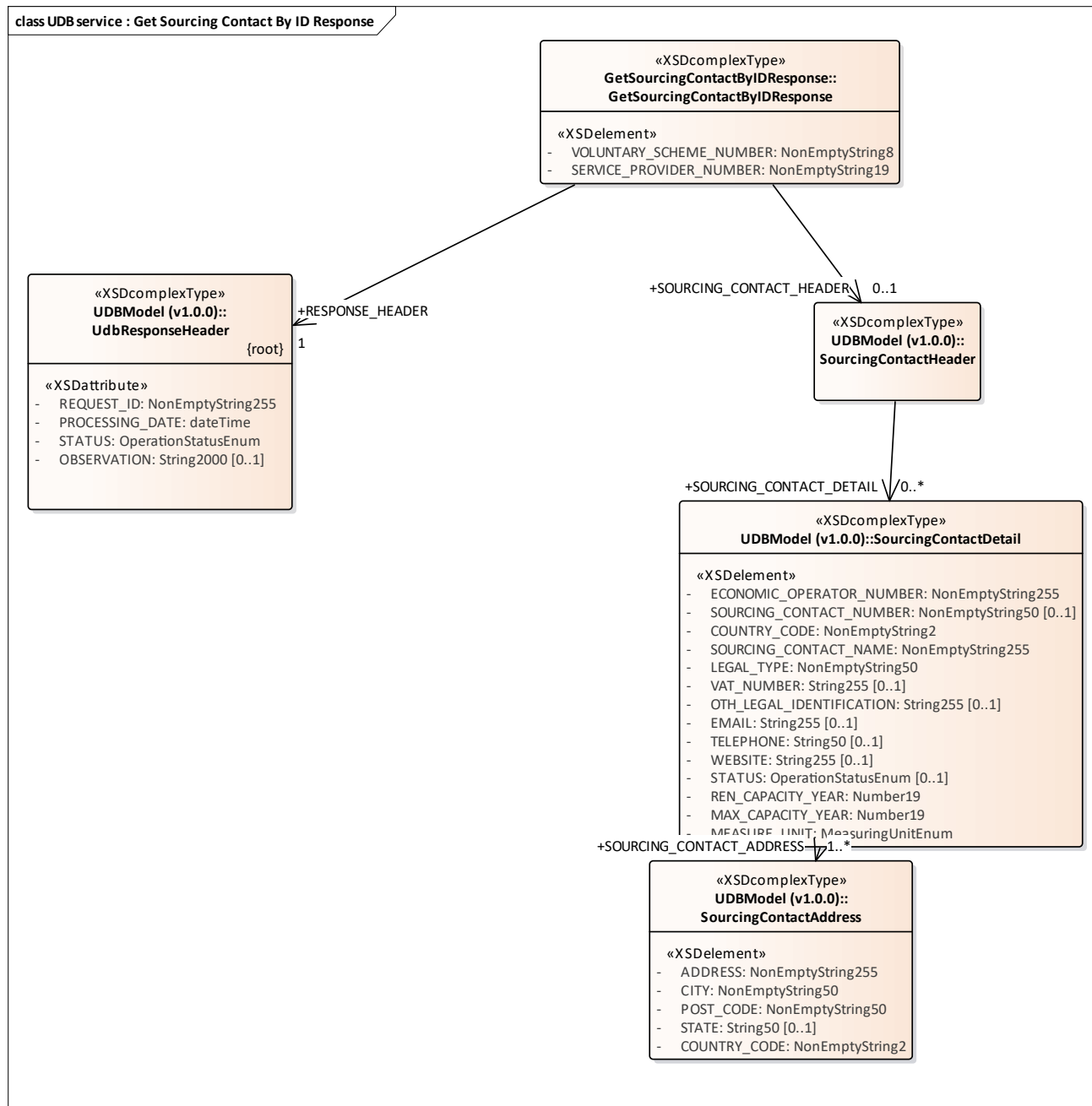


Figure 54: UDB service : Get Sourcing Contact By ID Response

3.1.1.54 UDB service : Get Sourcing Contact List Request diagram

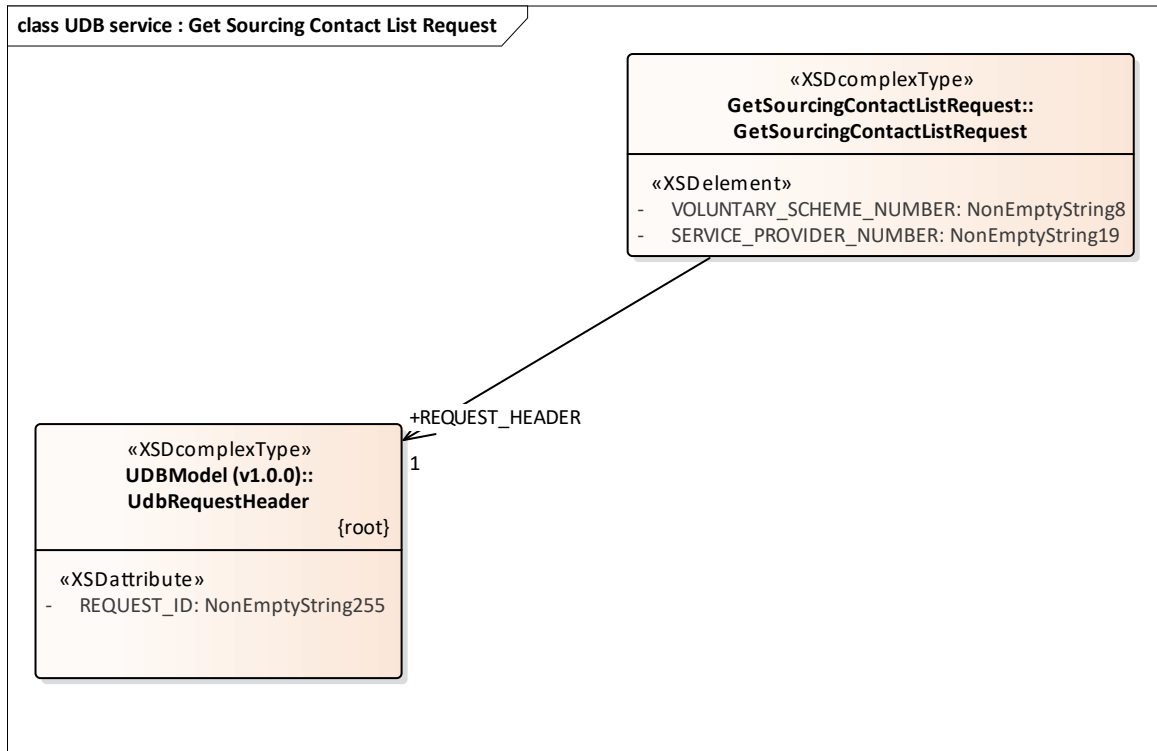


Figure 55: UDB service : Get Sourcing Contact List Request

3.1.1.55 UDB service : Get Sourcing Contact List Response diagram

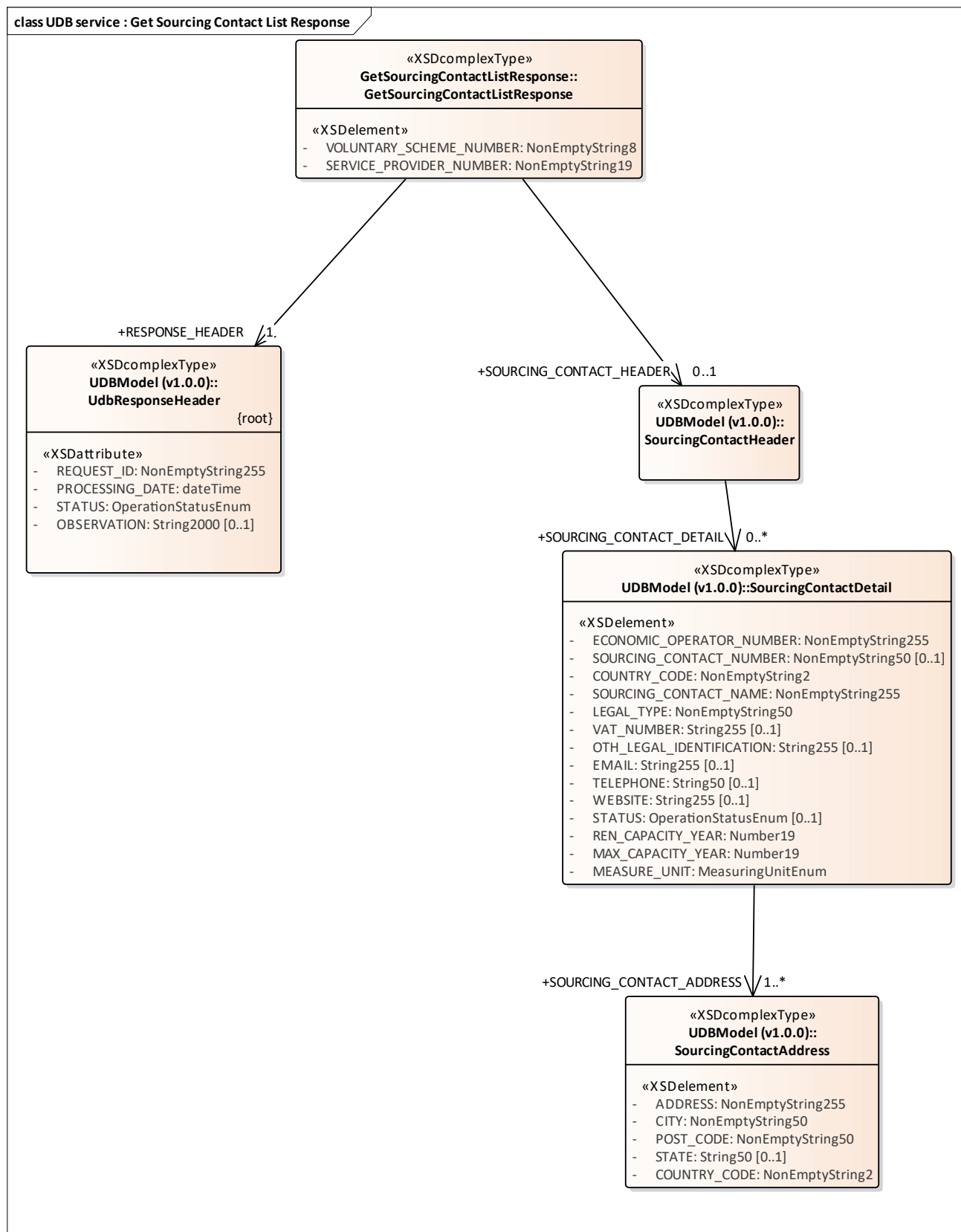


Figure 56: UDB service : Get Sourcing Contact List Response

3.1.1.56 UDB service : Update Rejected Transaction Request diagram

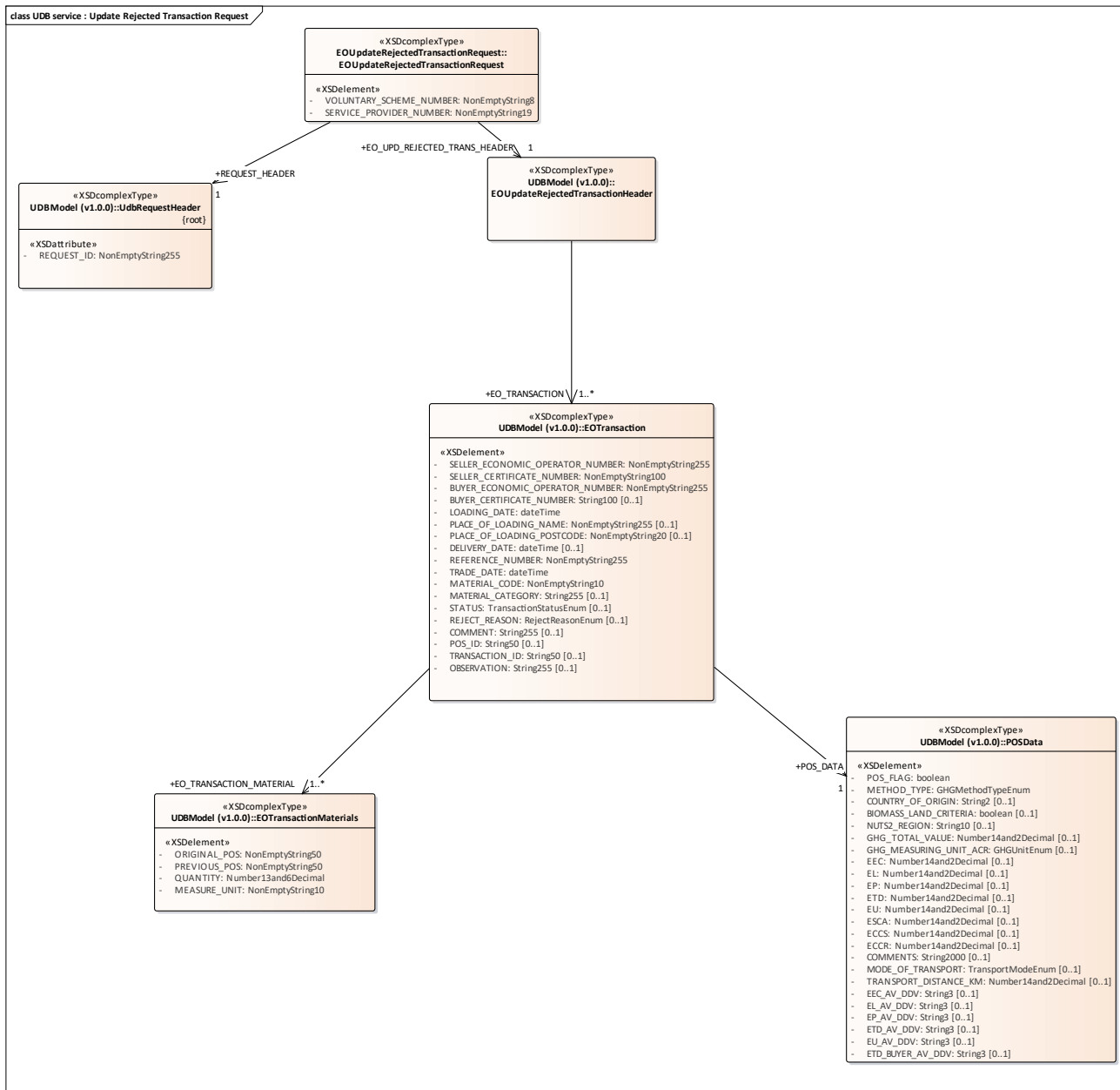


Figure 57: UDB service : Update Rejected Transaction Request

3.1.1.57 UDB service : Update Rejected Transaction Response diagram

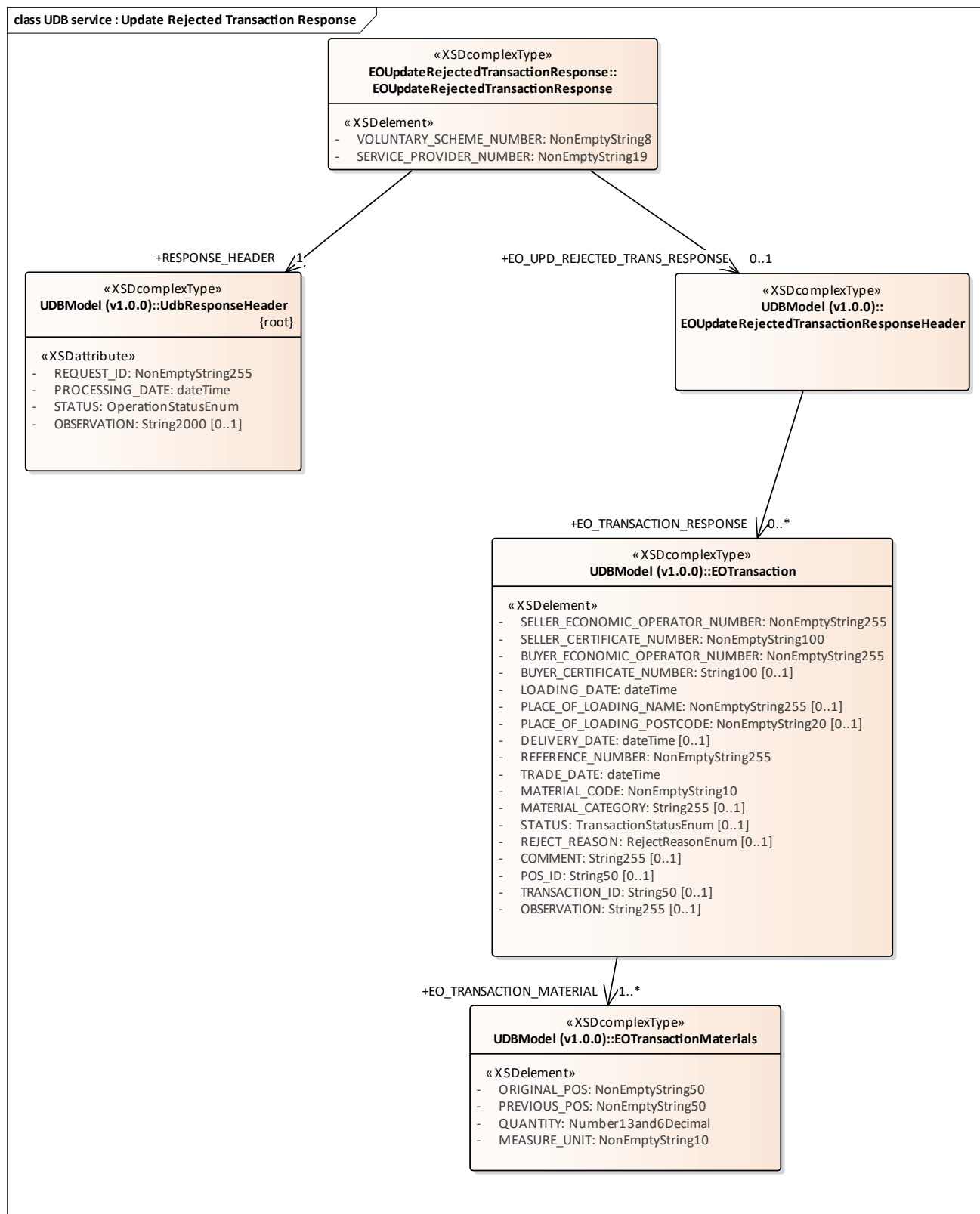


Figure 58: UDB service : Update Rejected Transaction Response

3.1.1.58 UDB Service : Organisation List Request diagram

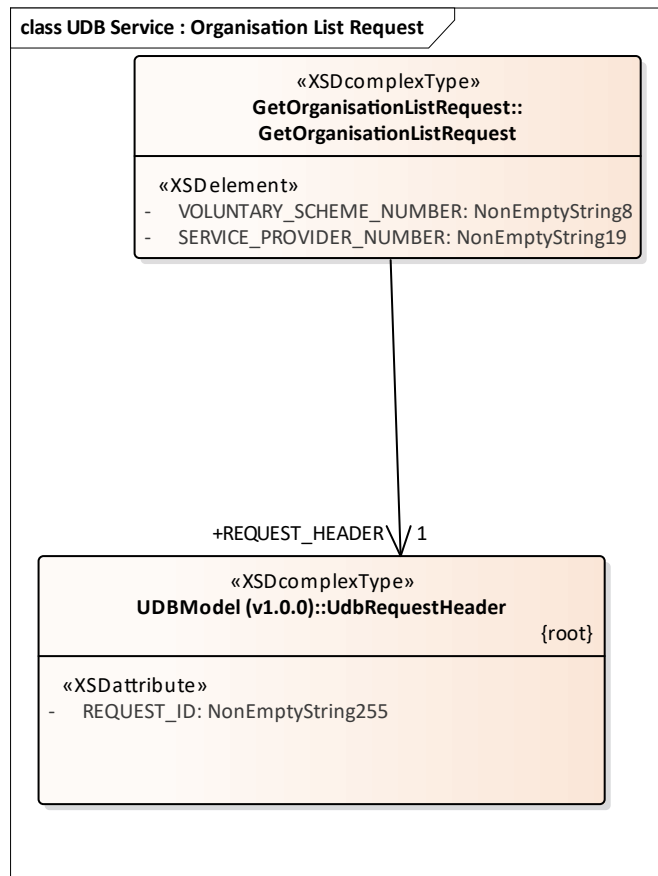


Figure 59: UDB Service : Organisation List Request

3.1.1.59 UDB Service : Organisation List Response diagram

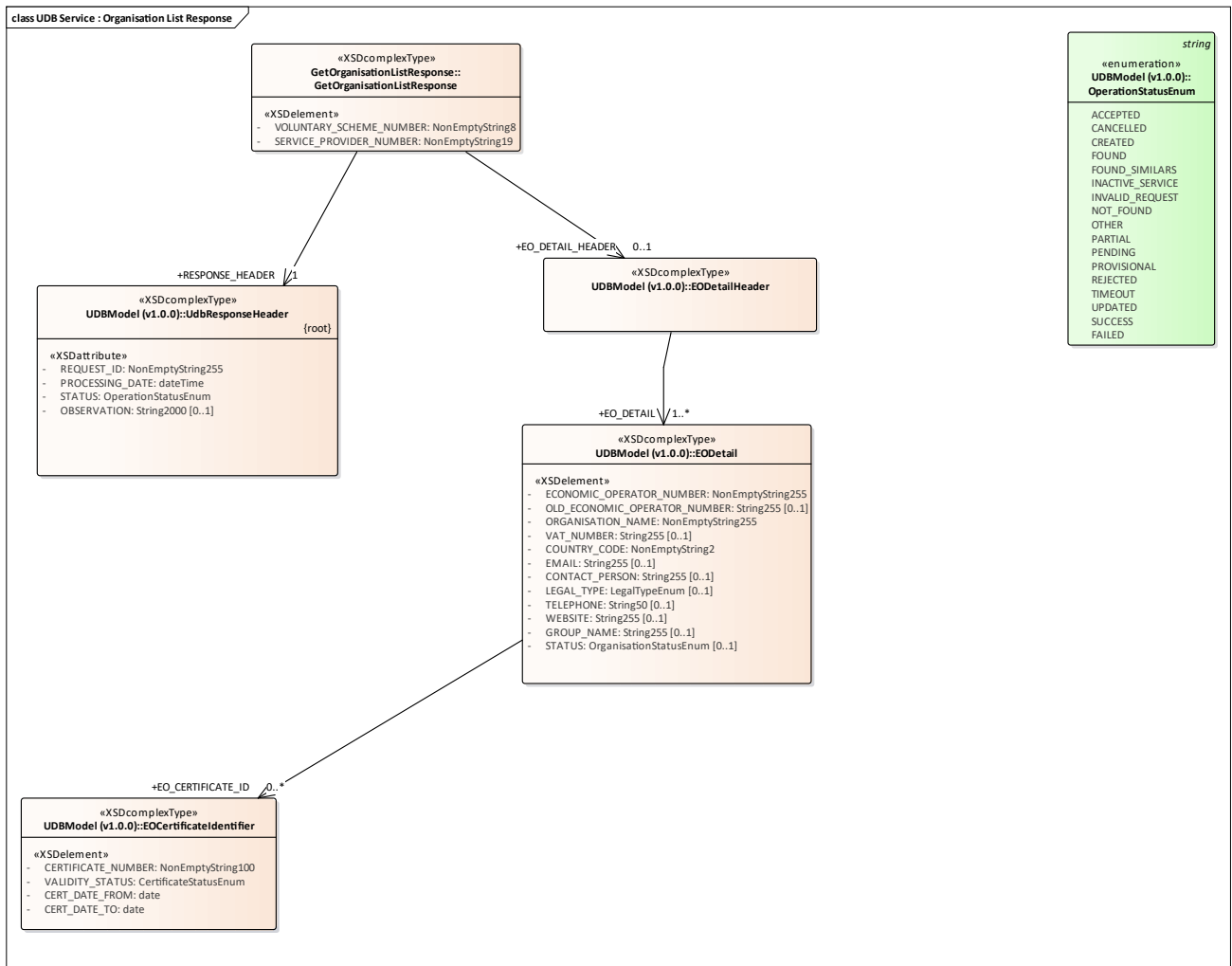


Figure 60: UDB Service : Organisation List Response

3.1.1.60 UDB Service : Organisation by ID Request diagram

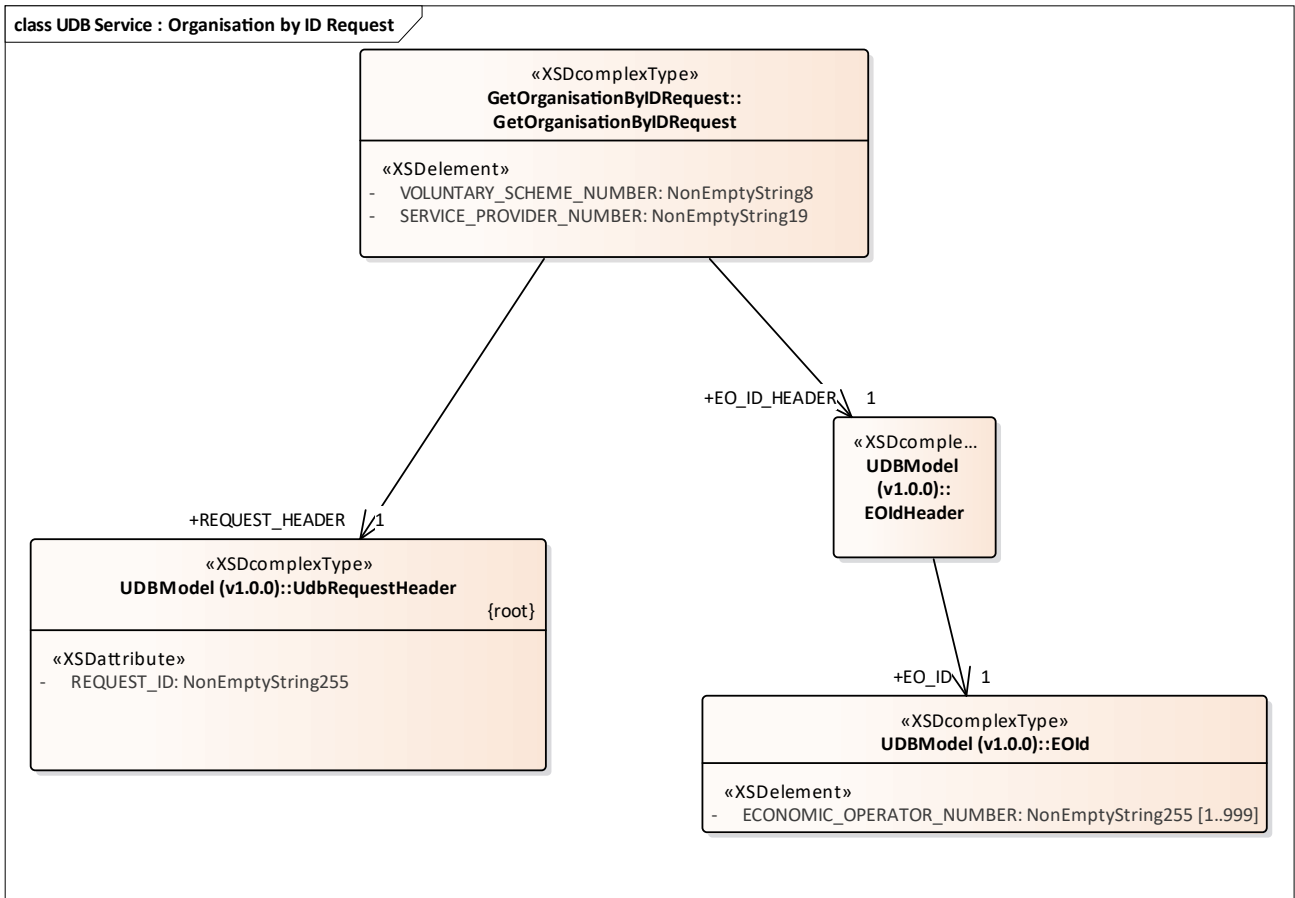


Figure 61: UDB Service : Organisation by ID Request

3.1.1.61 UDB Service : Organisation by ID Response diagram

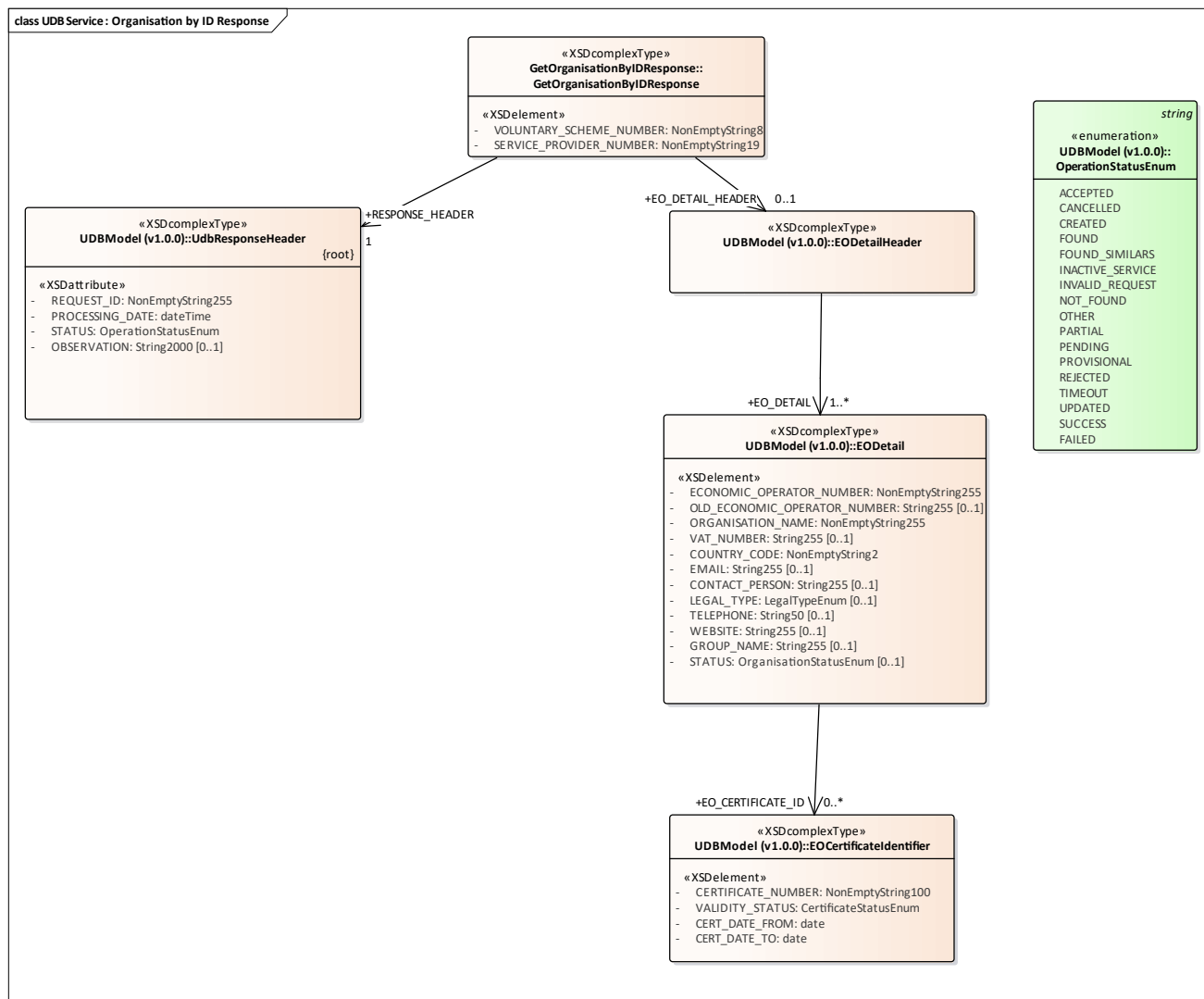


Figure 62: UDB Service : Organisation by ID Response

3.1.1.62 AuthorityAck diagram

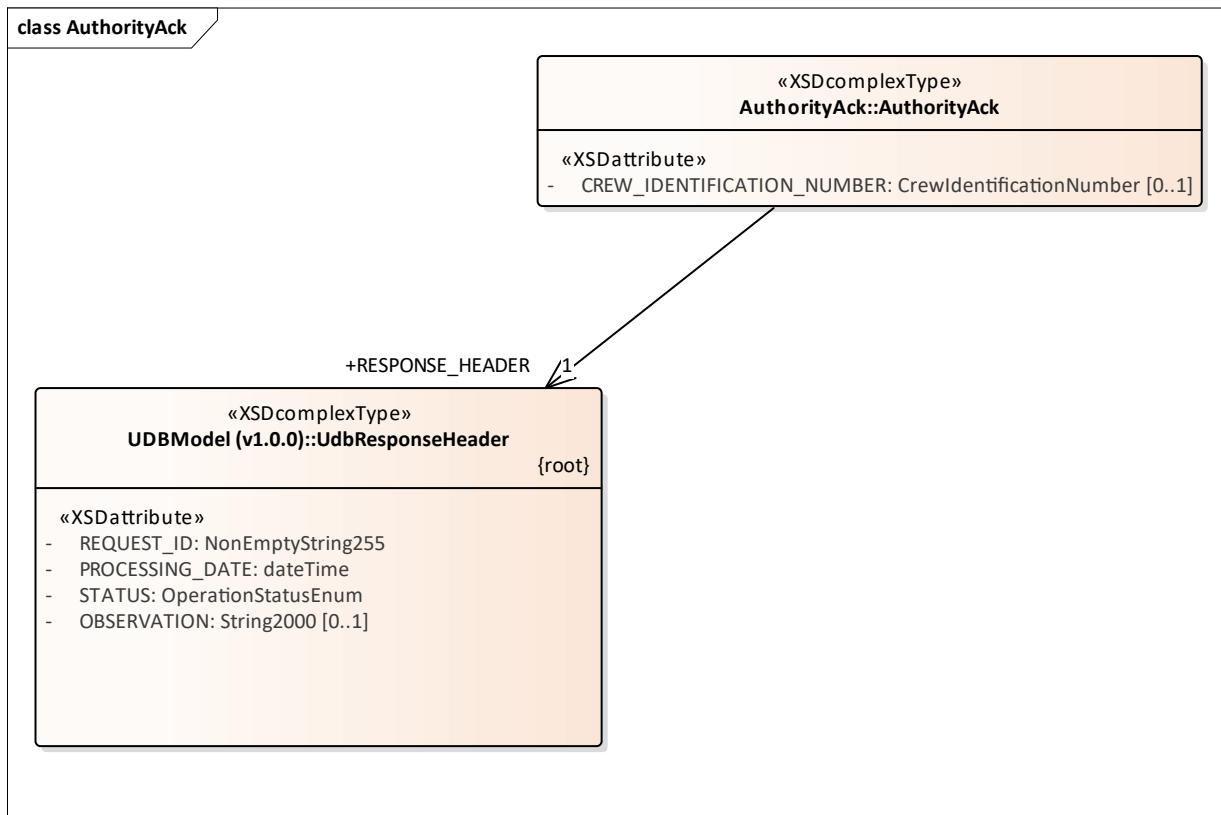


Figure 63: AuthorityAck

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



3.1.6 AddOrganisationRequest

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

3.1.6.1 AddOrganisationRequest

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

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



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



3.1.7 AddOrganisationResponse

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

3.1.7.1 AddOrganisationResponse

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

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



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



3.1.8 AddSourcingContactRequest

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

3.1.8.1 AddSourcingContactRequest

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

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»	Target: Public 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
<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" style="width: 100%;"> <tr> <td style="width: 50%;">Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»</td> <td style="width: 50%;">Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</td> </tr> </table> Association (direction: Source -> Destination) <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»</td> <td style="width: 50%;">Target: Public SOURCING_CONTACT_RESP_HEADER (Class) SourcingContactResponseHeader «XSDcomplexType» Cardinality: [0..1]</td> </tr> </table> 	Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]	Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_RESP_HEADER (Class) SourcingContactResponseHeader «XSDcomplexType» Cardinality: [0..1]
Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]			
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
<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" style="width: 100%;"> <tr> <td style="width: 50%;">Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»</td> <td style="width: 50%;">Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [1]</td> </tr> </table> Association (direction: Source -> Destination) 	Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [1]
Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [1]	



ASSOCIATIONS	
Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «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 RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»	Target: Public EO_CERTIFICATE_RESPONSE_HEADER (Class) EOCertificateResponseHeader «XSDcomplexType» Cardinality: [0..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 REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)
Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJ_CONFIRM_REQ_HEADER (Class) GasInjectionConfirmRequestHeader «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 GAS_INJ_CONFIRM_RESP_HEADER (Class) GasInjectionConfirmResponseHeader «XSDcomplexType» Cardinality: [0..1]
	Association (direction: Source -> Destination)
Source: Public (Class) ConfirmGasInjectionResponse	Target: Public RESPONSE_HEADER (Class)



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



3.1.16 EOAddFGPTransactionResponse

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

3.1.16.1 EOAddFGPTransactionResponse

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

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
◆ VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
◆ SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»	Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [1]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) 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
◆ VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
◆ SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
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 REQUEST_HEADER (Class) UdbRequestHeader «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>	

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 REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<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>

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 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 EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

3.1.24 EOAddTransactionResponse

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

3.1.24.1 EOAddTransactionResponse

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

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

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

3.1.25 EOCancelTransactionRequest

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

3.1.25.1 EOCancelTransactionRequest

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

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

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_CANCEL_TRANSACTION_HEADER (Class) EOCancelTransactionHeader «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>

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



ASSOCIATIONS
<ul style="list-style-type: none">  Association (direction: Source -> Destination) Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType» Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
<ul style="list-style-type: none">  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
<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) Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType» Target: Public EO_CONFIRM_TRANS_HEADER (Class) EOConfirmTransactionHeader «XSDcomplexType» Cardinality: [1]
<ul style="list-style-type: none">  Association (direction: Source -> Destination) Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType» Target: Public REQUEST_HEADER (Class) UdbRequestHeader «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 EO_CONFIRM_TRANS_RESP_HEADER (Class) EOConfirmTransactionResponseHeader «XSDcomplexType» Cardinality: [0..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>



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

3.1.31 EOGetInitialStockRequest

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

3.1.31.1 EOGetInitialStockRequest

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

ATTRIBUTES
<ul style="list-style-type: none"> 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) Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType» Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
<ul style="list-style-type: none"> 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 RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<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>



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 MATERIAL_PROCESS_LIST_REQ_HEADER (Class) GetMaterialProcessListRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «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 POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPOSListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



3.1.37 EOGetPoOTradeRequest

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

3.1.37.1 EOGetPoOTradeRequest

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

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



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



3.1.38 EOGetPoOTradeResponse

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

3.1.38.1 EOGetPoOTradeResponse

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

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



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



3.1.39 EOGetTransactionRequest

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

3.1.39.1 EOGetTransactionRequest

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

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



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



3.1.41 EOUpdatePOSRequest

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

3.1.41.1 EOUpdatePOSRequest

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

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



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



3.1.42 EOUpdatePOSResponse

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

3.1.42.1 EOUpdatePOSResponse

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

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



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

3.1.44 EOUpdateRejectedTransactionResponse

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

3.1.44.1 EOUpdateRejectedTransactionResponse

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

ATTRIBUTES
<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" style="width: 100%;"> <tr> <td style="width: 50%;"> Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType» </td> <td style="width: 50%;"> Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» 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" style="width: 100%;"> <tr> <td style="width: 50%;"> Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType» </td> <td style="width: 50%;"> Target: Public EO_UPD_REJECTED_TRANS_RESPONSE (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType» 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" style="width: 100%;"> <tr> <td style="width: 50%;"> Source: Public (Class) ErrorResponse «XSDcomplexType» </td> <td style="width: 50%;"> Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» 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 GetCertificateExpiryRequest

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

3.1.46.1 GetCertificateExpiryRequest

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

ASSOCIATIONS

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

3.1.47 GetCertificateExpiryResponse

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

3.1.47.1 GetCertificateResponse

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

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public CERTIFICATE_DETAILS_HEADER (Class) CertificateDetailsHeader «XSDcomplexType»</p> <p>Cardinality: [0..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>

3.1.48 GetCertificateRequest


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

3.1.48.1 GetCertificateRequest

Class «XSDcomplexType» owned by 'GetCertificateRequest', 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) GetCertificateRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>



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



3.1.49 GetCertificateResponse

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

3.1.49.1 GetCertificateResponse

Class «XSDcomplexType» owned by 'GetCertificateResponse', 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) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p> Association (direction: Source -> Destination)</p>	
<p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

3.1.50 GetGasInjectionRequest


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

3.1.50.1 GetGasInjectionRequest

Class «XSDcomplexType» owned by 'GetGasInjectionRequest', 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) GetGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public GAS_INJ_REQ_HEADER (Class) GetInjectionRequestHeader «XSDcomplexType»</p>



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



3.1.51 GetInjectionResponse

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

3.1.51.1 GetInjectionResponse

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

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



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


3.1.52 GetOrganisationByIDRequest


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

3.1.52.1 GetOrganisationByIDRequest

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

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19

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



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



3.1.53 GetOrganisationByIDResponse

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

3.1.53.1 GetOrganisationByIDResponse

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

ATTRIBUTES
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19



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


3.1.54 GetOrganisationListRequest

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

3.1.54.1 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)



ASSOCIATIONS	
Source: Public (Class) GetOrganisationListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



3.1.55 GetOrganisationListResponse

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

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


3.1.56 GetSourcingContactByIDRequest


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

3.1.56.1 GetSourcingContactByIDRequest

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

ATTRIBUTES
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19

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



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



3.1.57 GetSourcingContactByIDResponse

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

3.1.57.1 GetSourcingContactByIDResponse

Class «XSDcomplexType» owned by 'GetSourcingContactByIDResponse', 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) GetSourcingContactByIDResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]

3.1.58 GetSourcingContactListRequest

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

3.1.58.1 GetSourcingContactListRequest

Class «XSDcomplexType» owned by 'GetSourcingContactListRequest', 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) GetSourcingContactListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»

ASSOCIATIONS
Cardinality: [1]

3.1.59 GetSourcingContactListResponse

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

3.1.59.1 GetSourcingContactListResponse

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

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

ASSOCIATIONS				
<ul style="list-style-type: none"> Association (direction: Source -> Destination) <table border="0" style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 50%;">Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»</td> <td style="width: 50%;">Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]</td> </tr> </table> Association (direction: Source -> Destination) <table border="0" style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 50%;">Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»</td> <td style="width: 50%;">Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</td> </tr> </table> 	Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]	Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]			
Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]			

3.1.60 TransactionBuyerNotification


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

3.1.60.1 TransactionBuyerNotification

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

ATTRIBUTES
<ul style="list-style-type: none"> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8 SERVICE_PROVIDER_NUMBER : NonEmptyString19 ECONOMIC_OPERATOR_NUMBER : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS		
<ul style="list-style-type: none"> Association (direction: Source -> Destination) <table border="0" style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 50%;">Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»</td> <td style="width: 50%;">Target: Public BUYER_NOTIFICATION_HEADER (Class)</td> </tr> </table> 	Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»	Target: Public BUYER_NOTIFICATION_HEADER (Class)
Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»	Target: Public BUYER_NOTIFICATION_HEADER (Class)	




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



3.1.61 TransactionSellerNotification

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

3.1.61.1 TransactionSellerNotification

Class «XSDcomplexType» owned by 'TransactionSellerNotification', 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	
<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>	
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) TransactionSellerNotification «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>	

3.1.62 UpdateGasSustainabilityRequest

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

3.1.62.1 UpdateGasSustainabilityRequest

Class «XSDcomplexType» owned by 'UpdateGasSustainabilityRequest', 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) UpdateGasSustainabilityRequest «XSDcomplexType»</p>	<p>Target: Public GAS_INJECTION_REQ_HEADER (Class) GasInjectionRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) UpdateGasSustainabilityRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>

3.1.63 UpdateGasSustainabilityResponse

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

3.1.63.1 UpdateGasSustainabilityResponse

Class «XSDcomplexType» owned by 'UpdateGasSustainabilityResponse', 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) UpdateGasSustainabilityResponse «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 GAS_INJECTION_RESP_HEADER (Class) GasInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

3.1.64 Structure of the search response payload

3.1.64.1 Internal structure of the zip archive diagram

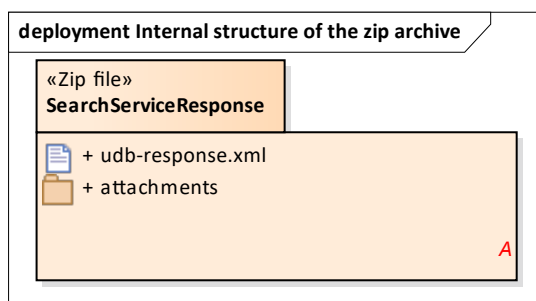


Figure 64: Internal structure of the zip archive

3.1.65 MatrixSpecification1

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

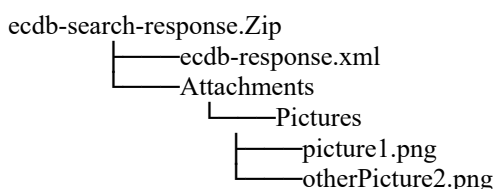
3.1.65.1 SearchServiceResponse

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

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



3.1.66.1 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

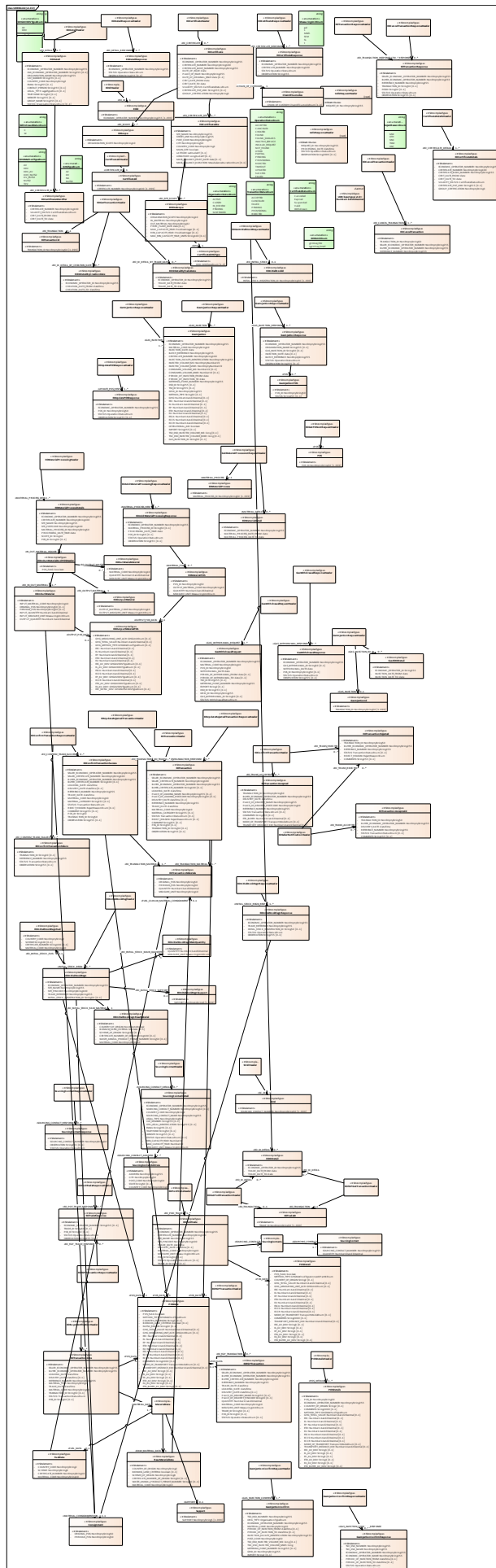




Figure 65: UDBModel (v1.0.0)

4.2 CertificateDetailsHeader


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

ASSOCIATIONS	
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) CertificateDetailsHeader «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_DETAILS (Class) EOCertificateDetails «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public CERTIFICATE_DETAILS_HEADER (Class) CertificateDetailsHeader «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

4.3 CertificateGHGType


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

ATTRIBUTES
<p> GHG : GHGTypeEnum</p> <p>Multiplicity: ([1..3], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOSiteScope «XSDcomplexType»</p>	<p>Target: Public GHG (Class) CertificateGHGType «XSDcomplexType»</p> <p>Cardinality: [1]</p>

4.4 CertificateId

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

ATTRIBUTES
<p> CERTIFICATE_NUMBER : NonEmptyString100</p> <p>Multiplicity: ([1..999], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p>

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

4.5 CertificateIdHeader

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

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

4.6 ChainOfCustodies

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

ATTRIBUTES
<p>CHAIN_OF_CUSTODY : ChainOfCustodyEnum</p> <p>Multiplicity: ([1..3], Allow duplicates: 0)</p> <p>Stereotype is «XSDElement»</p>

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

4.7 Consignment

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

ATTRIBUTES
<p>ORIGINAL_POS : NonEmptyString50</p>
<p>PREVIOUS_POS : NonEmptyString50</p>

ASSOCIATIONS	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInOutMaterial «XSDcomplexType»</p>	<p>Target: Public MATERIAL_CONSIGNMENT (Class) Consignment «XSDcomplexType»</p>

ASSOCIATIONS	
	Cardinality: [1]
<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) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public CONSIGNMENT_POS (Class) Consignment «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

4.8 EOAddMaterialProcessingResponse

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

ATTRIBUTES
<p>◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>◆ MATERIAL_PROCESS_ID : String50</p> <p>Multiplicity: ([0..1], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p>
<p>◆ PROCESSING_DATE_TIME : date</p>
<p>◆ POS_ID : String50</p> <p>Multiplicity: ([0..1], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p>
<p>◆ STATUS : OperationStatusEnum</p>
<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»</p> <p>Cardinality: [0..*]</p>
<p>✓ Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponseHeader «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_RESP (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>

4.9 EOAddMaterialProcessingResponseHeader

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

ASSOCIATIONS

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>

4.10 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>

4.11 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» Cardinality: [1..*]</p>

4.12 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>

4.13 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>

4.14 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>

ATTRIBUTES
<ul style="list-style-type: none"> CERT_DATE_TO : date
<ul style="list-style-type: none"> VALIDITY_STATUS : CertificateStatusEnum
<ul style="list-style-type: none"> CERTIFICATE_PDF_LINK : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
<ul style="list-style-type: none"> GROUP_CERTIFICATION : NonEmptyString3

ASSOCIATIONS
<ul style="list-style-type: none"> Association (direction: Source -> Destination) Source: Public (Class) EOCertificate «XSDcomplexType» Target: Public CHAIN_OF_CUSTODIES (Class) ChainOfCustodies «XSDcomplexType» Cardinality: [1]
<ul style="list-style-type: none"> Association (direction: Source -> Destination) Source: Public (Class) EOCertificate «XSDcomplexType» Target: Public EO_SCOPE (Class) EOScope «XSDcomplexType» Cardinality: [1..*]
<ul style="list-style-type: none"> Association (direction: Source -> Destination) Source: Public (Class) EOCertificate «XSDcomplexType» Target: Public EO_CERTIFICATE_SITE (Class) EOCertificateSite «XSDcomplexType» Cardinality: [1..*]
<ul style="list-style-type: none"> Association (direction: Source -> Destination) Source: Public (Class) EOCertificateHeader «XSDcomplexType» Target: Public EO_CERTIFICATE (Class) EOCertificate «XSDcomplexType» Cardinality: [0..*]

4.15 EOCertificateDetails

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"> CERTIFICATE_BODY_NUMBER : NonEmptyString255
<ul style="list-style-type: none"> CERT_DATE_FROM : date
<ul style="list-style-type: none"> CERT_DATE_TO : date
<ul style="list-style-type: none"> VALIDITY_STATUS : CertificateStatusEnum
<ul style="list-style-type: none"> CERTIFICATE_PDF_LINK : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
<ul style="list-style-type: none"> GROUP_CERTIFICATION : NonEmptyString3

ASSOCIATIONS	
<p>✍ Association (direction: Source -> Destination)</p>	
<p>Source: Public (Class) CertificateDetailsHeader «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_DETAILS (Class) EOCertificateDetails «XSDcomplexType» Cardinality: [1..*]</p>

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

4.17 EOCertificateIdentifier





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


ATTRIBUTES
<p>◆ CERTIFICATE_NUMBER : NonEmptyString100</p>
<p>◆ VALIDITY_STATUS : CertificateStatusEnum</p>
<p>◆ CERT_DATE_FROM : date</p>
<p>◆ CERT_DATE_TO : date</p>

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

4.18 EOCertificateResponse











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



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

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

4.19 EOCertificateSite

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



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

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOCertificateSite «XSDcomplexType»	Target: Public EO_SITE_SCOPE (Class) EOSiteScope «XSDcomplexType» Cardinality: [0..*]
 Association (direction: Source -> Destination)	

ASSOCIATIONS	
Source: Public (Class) EOCertificate «XSDcomplexType»	Target: Public EO_CERTIFICATE_SITE (Class) EOCertificateSite «XSDcomplexType» Cardinality: [1..*]





4.20 EOCertificateResponseHeader


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

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

4.21 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>	
Source: Public (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»	Target: Public EO_CONFIRM_TRANS_FAILURE (Class) EOConfirmTransactionFailure «XSDcomplexType» Cardinality: [0..*]

4.22 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_ACCEPTED (Class) EOTransactionAccepted «XSDcomplexType» Cardinality: [0..*]</p>
<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) EOConfirmTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_CONFIRM_TRANS_HEADER (Class) EOConfirmTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

4.23 EOConfirmTransactionResponseHeader

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

ASSOCIATIONS	
<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>
<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>
<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>

4.24 EOConfirmTransactionSuccess

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

ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
SELLER_CERTIFICATE_NUMBER : NonEmptyString100
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255

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

ASSOCIATIONS
<p>◆ Association (direction: Source -> 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>

4.25 EODetail

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

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

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

4.26 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>	
Source: Public (Class) EODetailByVSHeader «XSDcomplexType»	Target: Public EO_SCOPE (Class) EOScope «XSDcomplexType» Cardinality: [0..*]
<p>✍ Association (direction: Source -> Destination)</p>	
Source: Public (Class) EODetailByVSHeader «XSDcomplexType»	Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType» Cardinality: [0..*]

4.27 EODetailHeader




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

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

ASSOCIATIONS	
<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>

4.28 EODetailResponse



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

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

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

4.29 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>

4.30 EOFGPGetTransactionHeader

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

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

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

4.31 EOFGPTransaction

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

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

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

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

4.32 EOFGPTransactionHeader

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

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

4.33 EOFGPTransactionResponseHeader

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

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

ASSOCIATIONS

4.34 EOGetInitialStockRequestHeader

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

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) EOGetInitialStockRequestHeader
«XSDcomplexType»

Target: Public EO_ID_DETAIL (Class)
EOIDDetail «XSDcomplexType»
Cardinality: [0..*]

Association (direction: Source -> Destination)

Source: Public (Class) EOGetInitialStockRequestHeader
«XSDcomplexType»

Target: Public EO_INITIAL_STOCK (Class)
EOInitialStockId «XSDcomplexType»
Cardinality: [0..1]

Association (direction: Source -> Destination)

Source: Public (Class) EOGetInitialStockRequest
«XSDcomplexType»

Target: Public
EO_GET_INITIAL_STOCK_HEADER (Class)
EOGetInitialStockRequestHeader
«XSDcomplexType»

4.35 EOGetPOSListRequestHeader

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

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) EOGetPOSListRequestHeader
«XSDcomplexType»

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

Association (direction: Source -> Destination)

Source: Public (Class) EOGetPOSListRequest
«XSDcomplexType»

Target: Public GET_POS_LIST_REQ_HEADER
(Class) EOGetPOSListRequestHeader
«XSDcomplexType»
Cardinality: [1]

4.36 EOGetPoOTransactionHeader

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

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) EOGetPoOTransactionHeader
«XSDcomplexType»

Target: Public EO_ID_DETAIL (Class)
EOIDDetail «XSDcomplexType»
Cardinality: [0..*]

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) EOGetPoOTradeRequest «XSDcomplexType»</p>	<p>Target: Public EO_GET_POO_TRANS_HEADER (Class) EOGetPoOTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

4.37 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_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) 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) EOGetTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_GET_TRANS_HEADER (Class) EOGetTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

4.38 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

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) EOFGPGGetTransactionHeader «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>

4.39 EOIDDetailByCreationDate

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

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

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

4.40 EOIDDetailByTradeDate

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


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


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

ASSOCIATIONS
Cardinality: [0..*]

4.41 EOId



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

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

ASSOCIATIONS		
<ul style="list-style-type: none">  Association (direction: Source -> Destination) 		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Source: Public (Class) EOIdHeader «XSDcomplexType»</td> <td style="width: 50%; border: none;">Target: Public EO_ID (Class) EOId «XSDcomplexType» Cardinality: [1]</td> </tr> </table>	Source: Public (Class) EOIdHeader «XSDcomplexType»	Target: Public EO_ID (Class) EOId «XSDcomplexType» Cardinality: [1]
Source: Public (Class) EOIdHeader «XSDcomplexType»	Target: Public EO_ID (Class) EOId «XSDcomplexType» Cardinality: [1]	





4.42 EOIdHeader

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

ASSOCIATIONS		
<ul style="list-style-type: none">  Association (direction: Source -> Destination) 		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Source: Public (Class) EOIdHeader «XSDcomplexType»</td> <td style="width: 50%; border: none;">Target: Public EO_ID (Class) EOId «XSDcomplexType» Cardinality: [1]</td> </tr> </table>	Source: Public (Class) EOIdHeader «XSDcomplexType»	Target: Public EO_ID (Class) EOId «XSDcomplexType» Cardinality: [1]
Source: Public (Class) EOIdHeader «XSDcomplexType»	Target: Public EO_ID (Class) EOId «XSDcomplexType» Cardinality: [1]	
<ul style="list-style-type: none">  Association (direction: Source -> Destination) 		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»</td> <td style="width: 50%; border: none;">Target: Public EO_ID_HEADER (Class) EOIdHeader «XSDcomplexType» Cardinality: [1]</td> </tr> </table>	Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»	Target: Public EO_ID_HEADER (Class) EOIdHeader «XSDcomplexType» Cardinality: [1]
Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»	Target: Public EO_ID_HEADER (Class) EOIdHeader «XSDcomplexType» Cardinality: [1]	

4.43 EOInOutMaterial

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

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

ATTRIBUTES
<p>INPUT_MEASURE_UNIT : MeasuringUnitEnum</p>
<p>OUTPUT_QUANTITY : Number13and6Decimal</p>

ASSOCIATIONS
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInOutMaterial «XSDcomplexType»</p> <p>Target: Public OUTPUT_POS_DATA (Class) EOOutputMaterialPOS «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInOutMaterial «XSDcomplexType»</p> <p>Target: Public MATERIAL_CONSIGNMENT (Class) Consignment «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»</p> <p>Target: Public EO_IN_OUT_MATERIAL (Class) EOInOutMaterial «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>

4.44 EOInOutMaterialAndPOSHeader


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


ATTRIBUTES
<p>POS_FLAG : boolean</p>

ASSOCIATIONS
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»</p> <p>Target: Public EO_OUTPUT_MATERIAL (Class) EOOutputMaterial «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»</p> <p>Target: Public EO_IN_OUT_MATERIAL (Class) EOInOutMaterial «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»</p> <p>Target: Public EO_OUTPUT_WASTE (Class) EOOutWasteMaterial «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOMaterialProcessDetails «XSDcomplexType»</p> <p>Target: Public IN_OUT_MATERIAL_HEADER (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

4.45 EOInitialStockId




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

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

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»	Target: Public EO_INITIAL_STOCK (Class) EOInitialStockId «XSDcomplexType» Cardinality: [0..1]






4.46 EOInitialStockRegHeader

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

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

4.47 EOInitialStockRegn

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

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

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

ASSOCIATIONS
<p>Association (direction: Source -> 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_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_MAIN_QUANTITY (Class) EOInitialStockRegnMainQuantity «XSDcomplexType» Cardinality: [1]</p>
<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 CONSIGNMENT_POS (Class) Consignment «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) EOInitialStockRegHeader «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REGN (Class) EOInitialStockRegn «XSDcomplexType» Cardinality: [1..*]</p>

4.48 EOInitialStockRegnFuel

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

ATTRIBUTES
<p>COUNTRY_CODE : NonEmptyString2</p>

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

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

4.49 EOInitialStockRegnMainQuantity

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

ATTRIBUTES	
◆ QUANTITY : Number13and6Decimal	
◆ MEASURE_UNIT : MeasuringUnitEnum	

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

4.50 EOInitialStockRegnRawMaterial

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

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

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

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

4.51 EOInitialStockRegnResponse

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

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

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

4.52 EOInitialStockRegnResponseHeader

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

ASSOCIATIONS

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

4.53 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>

4.54 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>

4.55 EOMaterialPOS

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

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

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

4.56 EOMaterialProcess

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

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

ASSOCIATIONS
<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>

4.57 EOMaterialProcessDetails

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

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

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

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

4.58 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) EOGetMaterialProcessListResponse «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [0..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>

4.59 EOOutWasteMaterial

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

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

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

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

4.60 EOOutputMaterial

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

ATTRIBUTES
<p>OUTPUT_MATERIAL_CODE : NonEmptyString10</p>
<p>OUTPUT_MEASURE_UNIT : MeasuringUnitEnum</p>

ASSOCIATIONS
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»</p> <p>Target: Public EO_OUTPUT_MATERIAL (Class) EOOutputMaterial «XSDcomplexType» Cardinality: [1]</p>

4.61 EOOutputMaterialPOS

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

ATTRIBUTES
<p>GHG_MEASURING_UNIT_ACR : GHGUnitEnum 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_METHOD_TYPE : GHGMethodTypeEnum 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)</p>

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

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

4.62 EOPoOTrade

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

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

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

4.63 EOPoOTradeHeader

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

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

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

4.64 EOPoOTradeResponseHeader

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

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

4.65 EO_Scope

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

ATTRIBUTES
 ORGANISATION_SCOPE : NonEmptyString10 Economic Operator Scope

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

4.66 EOSellerNotificationHeader

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

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

4.67 EOSiteScope

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

ATTRIBUTES
<p>ORGANISATION_SCOPE : NonEmptyString10</p>
<p>IN_MATERIAL : NonEmptyString32</p>
<p>OUT_MATERIAL : NonEmptyString32</p>
<p>PROD_PLANT_DATE : date</p> <p>Multiplicity: ([0..1], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p>
<p>MAX_CAPACITY_YEAR : PositiveInteger</p> <p>Multiplicity: ([0..1], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p>
<p>REN_CAPACITY_YEAR : PositiveInteger</p> <p>Multiplicity: ([0..1], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p>
<p>MAX_REN_CAPACITY_YEAR_UNITS : String100</p> <p>Multiplicity: ([0..1], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p> <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	
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOSiteScope «XSDcomplexType»</p>	<p>Target: Public GHG (Class) CertificateGHGType «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOCertificateSite «XSDcomplexType»</p>	<p>Target: Public EO_SITE_SCOPE (Class) EOSiteScope «XSDcomplexType» Cardinality: [0..*]</p>

4.68 EOTradeID

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

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

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

4.69 EOTradeResponse

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

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






ATTRIBUTES
Stereotype is «XSDelement»






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>

4.70 EOTransaction

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

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

ATTRIBUTES
Stereotype is «XSDelement»
<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> <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) EOTransaction «XSDcomplexType»</p> <p>Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>
<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) EOTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]</p>
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]</p>

4.71 EOTransactionAccepted

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

ATTRIBUTES
<p> TRANSACTION_ID : NonEmptyString50</p>

ATTRIBUTES
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
DELIVERY_DATE : dateTime
PLACE_OF_DELIVERY_NAME : NonEmptyString255
PLACE_OF_DELIVERY_POSTCODE : NonEmptyString20
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»
ETD_BUYER : Number14and2Decimal Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
MODE_OF_TRANSPORT : TransportModeEnum Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
TRANSPORT_DISTANCE_KM : Number14and2Decimal Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS
<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>

4.72 EOTransactionAcceptedd












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

4.73 EOTransactionData

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




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

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>	
<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) EOBuyerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public (Class) EOTransactionData «XSDcomplexType» Cardinality: [1..*]</p>

ASSOCIATIONS

4.74 EOTransactionHeader

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

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

4.75 EOTransactionId





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

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

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

4.76 EOTransactionMaterials

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

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

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

4.77 EOTransactionRejected

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

ATTRIBUTES	
TRANSACTION_ID : NonEmptyString50	
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255	
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) EOSellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -> Destination)</p>	

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

4.78 EOTransactionResponse

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

ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
REFERENCE_NUMBER : NonEmptyString255
TRANSACTION_ID : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
POSID : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
STATUS : OperationStatusEnum
OBSERVATION : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»

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

4.79 EOTransactionResponseHeader

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

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

ASSOCIATIONS	
<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>

4.80 EOUpdatePOSResponse

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

ATTRIBUTES
<p>◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>◆ POS_ID : NonEmptyString50</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) EOUpdatePOSResponseHeader «XSDcomplexType»</p>	<p>Target: Public UPDATE_POS_RESP (Class) EOUpdatePOSResponse «XSDcomplexType» Cardinality: [1..*]</p>

4.81 EOUpdatePOSResponseHeader

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

ASSOCIATIONS	
<p>✍ Association (direction: Source -> Destination)</p>	
<p>Source: Public (Class) EOUpdatePOSResponseHeader «XSDcomplexType»</p>	<p>Target: Public UPDATE_POS_RESP (Class) EOUpdatePOSResponse «XSDcomplexType» Cardinality: [1..*]</p>
<p>✍ Association (direction: Source -> Destination)</p>	
<p>Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»</p>	<p>Target: Public UPDATE_POS_RESP_HEADER (Class) EOUpdatePOSResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

4.82 EOUpdateRejectedTransactionHeader

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

ASSOCIATIONS

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

4.83 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>

4.84 FuelData

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

ATTRIBUTES
<p>COUNTRY_CODE : NonEmptyString2</p>
<p>SCHEME : NonEmptyString8</p>
<p>CERTIFICATE_NUMBER : NonEmptyString10</p>
<p>MATERIAL_CODE : NonEmptyString10</p>

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

ASSOCIATIONS	
Source: Public (Class) MaterialData «XSDcomplexType»	Target: Public FUEL_DATA (Class) FuelData «XSDcomplexType» Cardinality: [0..1]

4.85 GasEOIDDetail

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

















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




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



4.86 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











ATTRIBUTES	
	METERING_POINT_NUMBER : NonEmptyString255
	<p>DSO_ID : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» Either DSO/TSO has to be filled.</p>
	<p>TSO_ID : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» Either DSO/TSO has to be filled.</p>
	GRID_ID : NonEmptyString255
	<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>




ATTRIBUTES
<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) Stereotype is «XSDelement» To be filled for UpdateRequest, GetResponse and not filled for AddRequest</p>


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

4.87 GasInjectionConfirm

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



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

ATTRIBUTES
<p> METERING_POINT_NUMBER : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p> GRID_ID : NonEmptyString255</p>
<p> IMPORT : String2 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» COUNTRY CODE</p>

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






4.88 GasInjectionConfirmRequestHeader




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


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

4.89 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> PERIOD_OF_INJECTION_FROM : dateTime Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ATTRIBUTES	
 PERIOD_OF_INJECTION_TO : dateTime Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
 STATUS : OperationStatusEnum SUCCESS / FAILED	
 OBSERVATION : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»	

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

4.90 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]

4.91 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»

ASSOCIATIONS
Cardinality: [0..1]

4.92 GasInjectionPOS




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

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

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


4.93 GasInjectionRequestHeader







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



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

4.94 GasInjectionResponse

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




ATTRIBUTES
<p> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>

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

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

4.95 GasInjectionResponseHeader

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

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

4.96 GasWithdrawalRequest

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


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

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

4.97 GasWithdrawalRequestHeader







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


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

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

4.98 GasWithdrawalResponse


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

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

4.99 GasWithdrawalResponseHeader

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

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

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

4.100 GetInjectionRequestHeader

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

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

4.101 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>

4.102 GetMaterialProcessListRequestHeader

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

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

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

4.103 MainQuantity

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

ATTRIBUTES
◆ QUANTITY : Number13and6Decimal
◆ MEASURE_UNIT : MeasuringUnitEnum


4.104 MaterialData


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

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

4.105 POS

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

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

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

4.106 POSData

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

ATTRIBUTES	
<ul style="list-style-type: none">  POS_FLAG : boolean 	
<ul style="list-style-type: none">  METHOD_TYPE : GHGMethodTypeEnum 	
<ul style="list-style-type: none">  COUNTRY_OF_ORIGIN : String2 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» 	
<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">  NUTS2_REGION : String10 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» 	
<ul style="list-style-type: none">  GHG_TOTAL_VALUE : Number14and2Decimal Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» 	
<ul style="list-style-type: none">  GHG_MEASURING_UNIT_ACR : GHGUnitEnum Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» 	
<ul style="list-style-type: none">  EEC : Number14and2Decimal Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» 	
<ul style="list-style-type: none">  EL : Number14and2Decimal Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» 	
<ul style="list-style-type: none">  EP : Number14and2Decimal Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement» 	
<ul style="list-style-type: none">  ETD : Number14and2Decimal 	

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

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

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

4.107 POSDetail

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

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

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

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

4.108 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 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>◆ MODE_OF_TRANSPORT : TransportModeEnum Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ TRANSPORT_DISTANCE_KM : Number14and2Decimal Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ EEC_AV_DDV : String3 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ EL_AV_DDV : String3 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ATTRIBUTES
<p>EP_AV_DDV : String3 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>ETD_AV_DDV : String3 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>EU_AV_DDV : String3 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>ETD_BUYER_AV_DDV : String3 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

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

4.109 POSDetailsHeader

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

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

4.110 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)</p>

ATTRIBUTES
Stereotype is «XSDelement»
SCHEME_OF_ORIGIN : NonEmptyString8
CERTIFICATE_NUMBER_OF_ORIGIN : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
WASTE_ANIMAL_PRODUCT_PERMIT_NUMBER : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
MATERIAL_CODE : NonEmptyString10

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

4.111 SCId

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


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

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>

4.112 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>

ASSOCIATIONS	
<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>

4.113 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>

4.114 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>

4.115 SourcingContactDetail

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

ATTRIBUTES	
◆	ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
◆	SOURCING_CONTACT_NUMBER : NonEmptyString50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	COUNTRY_CODE : NonEmptyString2
◆	SOURCING_CONTACT_NAME : NonEmptyString255
◆	LEGAL_TYPE : NonEmptyString50
◆	VAT_NUMBER : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	OTH_LEGAL_IDENTIFICATION : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	EMAIL : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	TELEPHONE : String50 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	WEBSITE : String255 Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	STATUS : OperationStatusEnum Multiplicity: ([0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆	REN_CAPACITY_YEAR : Number19
◆	MAX_CAPACITY_YEAR : Number19
◆	MEASURE_UNIT : MeasuringUnitEnum

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

4.116 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) 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) 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) GetSourcingContactByIDResponse «XSDcomplexType»</p>	<p>Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]</p>

4.117 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>

4.118 SourcingContactResponseHeader

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

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

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

4.119 SourcingContacts

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

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

4.120 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>	
Source: Public (Class) MaterialData «XSDcomplexType»	Target: Public SUPPORT (Class) Support «XSDcomplexType» Cardinality: [0..1]

4.121 UdbRequestHeader

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

UDB generic request header

ATTRIBUTES
<p>◆ REQUEST_ID : NonEmptyString255 Unique identifier of a request message.</p>

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

ASSOCIATIONS
<p>Association (direction: Source -> 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) EOAddTransactionRequest «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» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetPOSListRequest «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) EOGetInitialStockRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «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>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>





ASSOCIATIONS	
<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) EOAddPoOTradeRequest «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) EOAddInitialStockRegnRequest «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) EOUpdatePOSRequest «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) TransactionBuyerNotification «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) ConfirmGasInjectionRequest «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) EOConfirmTransactionRequest «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) EOCancelTransactionRequest «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) GetOrganisationByIDRequest «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) EOGetMaterialProcessListRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p>	

ASSOCIATIONS	
Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateExpiryRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) AddOrganisationRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactByIdRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) TransactionSellerNotification «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]

4.122 UdbResponseHeader

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

UDB Response header

ATTRIBUTES
<p> REQUEST_ID : NonEmptyString255 Unique identifier of a request message. The submitter is free to use any value as ID. The only purpose of this ID is to be returned in asynchronous responses that will be given to this request so the system can link request with response.</p>
<p> PROCESSING_DATE : dateTime Date/time when the request was processed. As exchange is asynchronous, the time the 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)</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) EOGetInitialStockResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddOrganisationResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetOrganisationByIDResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOAddInitialStockRegnResponse</p> <p>Target: Public RESPONSE_HEADER (Class)</p>

ASSOCIATIONS	
«XSDcomplexType»	UdbResponseHeader «XSDcomplexType» Cardinality: [1]
<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) EOUpdateRejectedTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddGasWithdrawalResponse «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) GetOrganisationListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) GetInjectionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<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) EOAddFGPTransactionResponse «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»</p>

ASSOCIATIONS	
	Cardinality: [1]
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddSourcingContactResponse «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) EOGetMaterialProcessListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOUpdatePOSResponse «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 RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AuthorityAck «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) EOAddTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) ConfirmGasInjectionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -> Destination)</p> <p>Source: Public (Class) EOGetTransactionResponse «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» Cardinality: [1]</p>
<p>✍ Association (direction: Source -> Destination)</p>	
<p>Source: Public (Class) EOGetFGPTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

4.123 CertificateStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
<p>◆ Cancelled :</p>
<p>◆ Expired :</p>
<p>◆ Suspended :</p>
<p>◆ Valid :</p>
<p>◆ Withdrawn :</p>

4.124 ChainOfCustodyEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
<p>◆ Mass balance :</p>
<p>◆ Not Assessed :</p>
<p>◆ Segregation :</p>

4.125 GHGAVDDVTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
<p>◆ AV :</p>
<p>◆ DDV :</p>

4.126 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 :

4.127 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 :

4.128 GHGNUTS2DDVTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ DDV :
◆ NUTS2 :

4.129 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 :

4.130 GHGUnitEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

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

ATTRIBUTES
◆ gCO2eq/MJ :
◆ kgCO2eq/DMT :

4.131 LegalTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ LEGAL_ENTITY :
◆ NATURAL_PERSON :
◆ UNKNOWN :

4.132 MassbalanceDurationEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends int

ATTRIBUTES
◆ 1 :
◆ 12 :
◆ 2 :
◆ 3 :

4.133 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 :

4.134 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 :

ATTRIBUTES
◆ 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.

4.135 OrganisationStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

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

4.136 OrganisationTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

TSO, DSO or LSO

ATTRIBUTES
◆ DSO :
◆ LSO :
◆ TSO :

4.137 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 :

4.138 TransactionStatusEnum

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

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

4.139 TransportModeEnum

Enumeration in package 'UDBModel (v1.0.0)'
 Extends String5

ATTRIBUTES
◆ Road :
◆ Ship :
◆ Train :

4.140 WithdrawalStatusEnum

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

C (consumed) or W (withdrawn)

ATTRIBUTES
◆ C :

ATTRIBUTES

 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

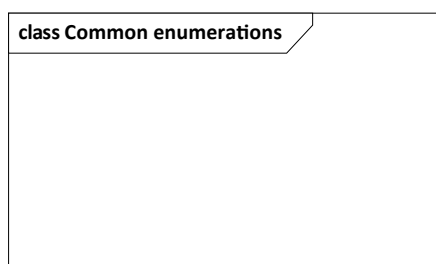


Figure 66: Common enumerations

5.1.1.2 UDB base types diagram

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

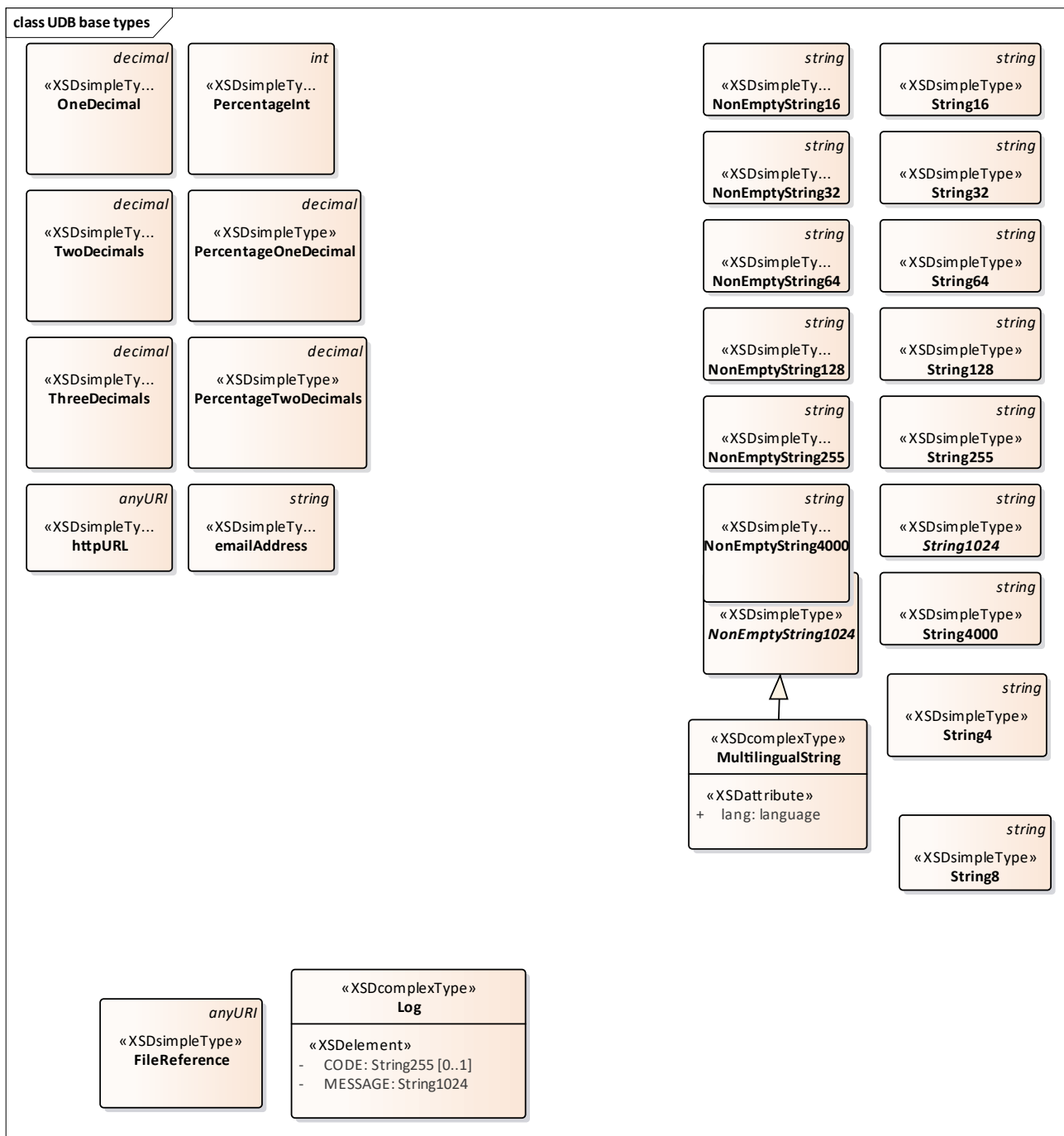


Figure 67: UDB base types

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 String3

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

Extends string

Allowed 3 alphanumeric characters

5.1.47 String30

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

Extends string

5.1.48 String32

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

Extends string

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

5.1.49 String4

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

Extends string

Allowed 4 alphanumeric characters

5.1.50 String4000

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

Extends string

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

5.1.51 String5

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

Extends string

5.1.52 String50

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

Extends string

5.1.53 String64

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

Extends string

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

5.1.54 String8

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

Extends string

5.1.55 ThreeDecimals

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

Extends decimal

Simple type only allowing decimal values with three decimal places.

5.1.56 TwoDecimals

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

Extends decimal

Simple type only allowing decimal values with two decimal places.

5.1.57 **emailAddress**

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

Extends string

Simple type for email addresses

5.1.58 **httpURL**

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

Extends anyURI

Simple type for an URL