



@Storengy



## Edig@s Version 5 and 6 comparison

Message and Workflow Design Working Group

## Message changes in Edig@s version 6

This document provides an overview of all changes made to Edig@s messages in version 6 compared to version 5.

## Messages deleted in Edig@s version 6

| Message | Description                         |
|---------|-------------------------------------|
| LIMITS  | Limits declaration document         |
| PRODOC  | Load forecast document              |
| PROCON  | Load forecast confirmation document |
| BIDDOC  | Reserve bid document                |
| BIDACT  | Reserve bid activation document     |
| CLRCON  | Clearing confirmation document      |
| BALDOC  | Balancing agreement document        |
| BALANO  | Balancing anomaly document          |
| BALCON  | Balancing confirmation document     |
| GASDEC  | Moved from Gas Trading to General   |
| GASCON  | Moved from Gas Trading to General   |

## New messages in Edig@s version 6

| Message | Business Area        | Description                               |
|---------|----------------------|---|
| UMM     | Remit & Transparency | Urgent market message document            |
| FLOWRQ  | General              | Gas flow requirement document             |
| ACIREQ  | General              | Account information request document      |
| ACICON  | General              | Account information confirmation document |
| FACTOR  | General              | Factoring transmission document           |
| PROBLM  | General              | Problem document                          |

## Version 6 Business Areas

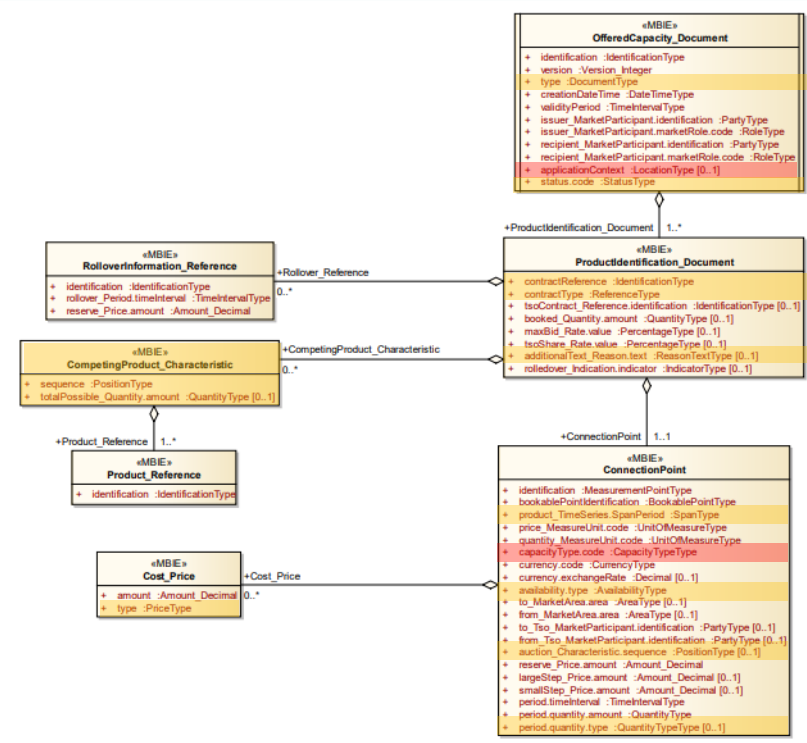
| Business Area             | Description                                    |
|---------------------------|--|
| 01 Capacity Allocation    | The capacity allocation business processes     |
| 02 Gas Trading            | The gas trading business processes             |
| 03 Nomination & Matching  | The nomination and matching business processes |
| 04 Balancing & Settlement | The balancing & settlement business processes  |
| 05 Remit & Transparency   | The remit & transparency business processes    |
| 06 General                | The general processes & documents              |

# Capacity Allocation – Message Overview

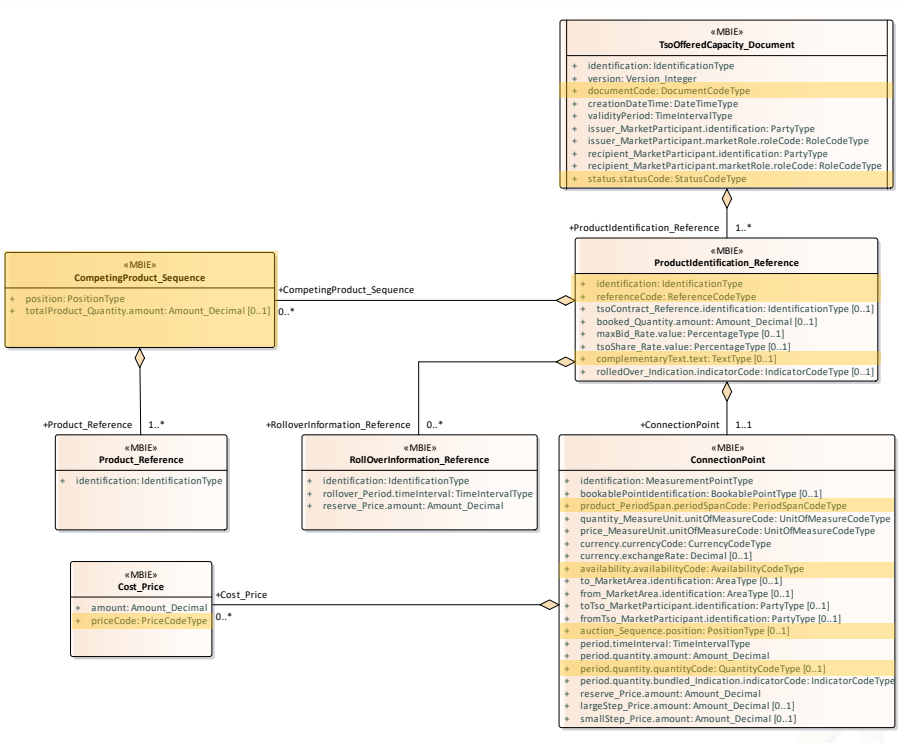
| Message | Description                               |
|---------|---|
| OFFCAP  | SO offered capacity document              |
| SURCAP  | Surrender capacity document               |
| MAOCAP  | Marked offered capacity document          |
| CRELIM  | Network user credit limit document        |
| AUCBID  | Auction bid document                      |
| AUCRES  | Auction result document                   |
| REVAUC  | Reverse auction document                  |
| CAPCUR  | Capacity curtailment document             |
| TRAADV  | Secondary marked rights transfer document |

# Capacity Allocation – OFFCAP

## Version 5



## Version 6



# Capacity Allocation – OFFCAP

| Attribute Changes               | Type    | Change                          |
|---------------------------------|---------|---------------------------------|
| applicationContext              | Removed |                                 |
| type (DocumentType)             | Changed | documentCode (DocumentCodeType) |
| status.code                     | Changed | status.statusCode               |
| CompetingProduct_Characteristic | Changed | CompetingProduct_Sequence       |
| Sequence                        | Changed | Position                        |
| TotalPossible_Quantity          | Changed | totalProduct_Quantity           |
| additional_Text                 | Changed | complementaryText               |
| type                            | Changed | priceCode                       |
| availability.type               | Changed | availability.availabilityCode   |
| contractReference               | Changed | identification                  |
| contractType                    | Changed | referenceCode                   |
| product_TimeSeries              | Changed | product_PeriodSpan              |
| capacityType                    | Removed |                                 |
| auction_Characteristics         | Changed | auction_Sequence                |
| period.quantity.type            | Changed | period.quantity.quantityCode    |



# Capacity Allocation – SURCAP

## Version 5

| «MBIE»<br>SurrenderCapacity_Document   |  |
|--|--|
| + identification :IdentificationType   |  |
| + version :Version_Integer   |  |
| + type :DocumentType   |  |
| + creationDateTime :DateTimeType   |  |
| + validityPeriod :TimeIntervalType   |  |
| + issuer_MarketParticipant.identification :PartyType   |  |
| + issuer_MarketParticipant.marketRole.code :RoleType   |  |
| + recipient_MarketParticipant.identification :PartyType  |  |
| + recipient_MarketParticipant.marketRole.code :RoleType  |  |
| + contractReference :IdentificationType [0..1]   |  |
| + contractType :ReferenceType [0..1]   |  |
| + applicationContext :LocationType [0..1]  |  |
| + user_Reference.identification :IdentificationType [0..1]   |  |
| + surrenderDocument_Reference.identification :IdentificationType [0..1]  |  |
| + status.code :StatusType [0..1]   |  |
| + connectionPoint.identification :MeasurementPointType   |  |
| + connectionPoint.bookablePointIdentification :BookablePointType [0..1]  |  |
| + connectionPoint.measureUnit.code :UnitOfMeasureType  |  |
| + connectionPoint.currency.code :CurrencyType [0..1]   |  |
| + connectionPoint.currency.exchangeRate :Decimal [0..1]  |  |
| + connectionPoint.clearing_Price.amount :Amount_Decimal [0..1]   |  |
| + connectionPoint.toTso_MarketParticipant.identification :PartyType [0..1]   |  |
| + connectionPoint.toTso_MarketParticipant.networkUser_MarketParticipant.identification :PartyType [0..1]             |  |
| + connectionPoint.toTso_MarketParticipant.networkUser_MarketParticipant.account.identification :AccountType [0..1]   |  |
| + connectionPoint.fromTso_MarketParticipant.identification :PartyType [0..1]   |  |
| + connectionPoint.fromTso_MarketParticipant.networkUser_MarketParticipant.identification :PartyType [0..1]           |  |
| + connectionPoint.fromTso_MarketParticipant.networkUser_MarketParticipant.account.identification :AccountType [0..1] |  |
| + connectionPoint.period.timeInterval :TimeIntervalType  |  |
| + connectionPoint.period.surrendered_Quantity.amount :QuantityType   |  |
| + connectionPoint.period.sold_Quantity.amount :QuantityType [0..1]   |  |

## Version 6

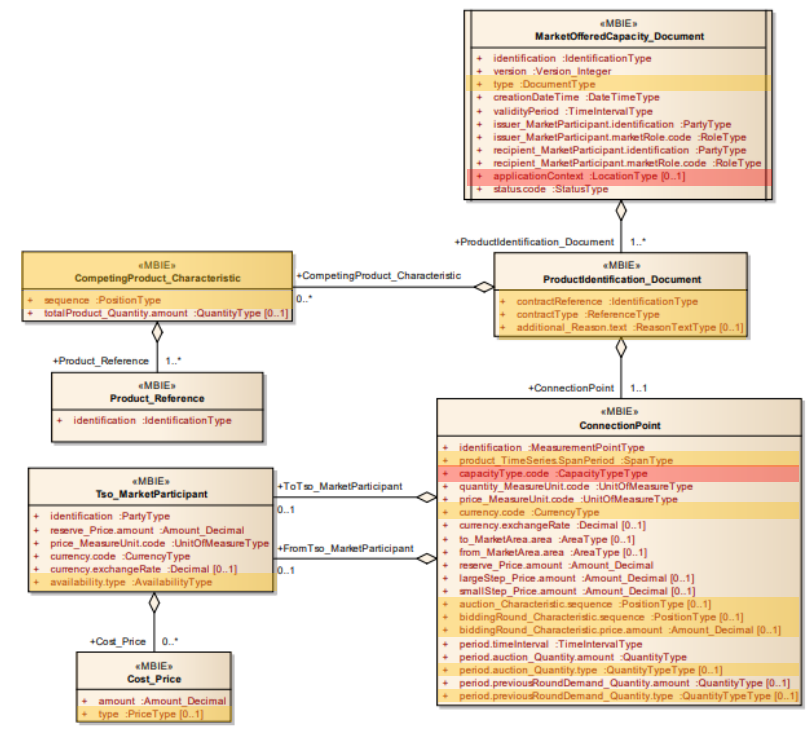
| «MBIE»<br>SurrenderCapacity_Document  |  |
|---|--|
| + identification:IdentificationType   |  |
| + version:Version_Integer   |  |
| + documentCode:DocumentCodeType   |  |
| + creationDateTime:DateTimeType   |  |
| + validityPeriod:TimeIntervalType   |  |
| + issuer_MarketParticipant.identification:PartyType   |  |
| + issuer_MarketParticipant.marketRole.code:RoleCodeType   |  |
| + recipient_MarketParticipant.identification:PartyType  |  |
| + recipient_MarketParticipant.marketRole.code:RoleCodeType  |  |
| + auction_Reference.identification:IdentificationType   |  |
| + status.statusCode:StatusCodeType  |  |
| + user_Reference.identification:IdentificationType [0..1]   |  |
| + surrenderDocument_Reference.identification:IdentificationType [0..1]                                      |  |
| + connectionPoint.identification:MeasurementPointType   |  |
| + connectionPoint.measureUnit.code:UnitOfMeasureCodeType  |  |
| + connectionPoint.clearing_Price.amount:Amount_Decimal [0..1]   |  |
| + connectionPoint.currency.code:CurrencyCodeType [0..1]   |  |
| + connectionPoint.currency.exchangeRate:Decimal [0..1]  |  |
| + connectionPoint.toTso_MarketParticipant.identification:PartyType [0..1]                                   |  |
| + connectionPoint.toTso_MarketParticipant.crp_MarketParticipant.identification:PartyType [0..1]             |  |
| + connectionPoint.toTso_MarketParticipant.crp_MarketParticipant.account.identification:AccountType [0..1]   |  |
| + connectionPoint.fromTso_MarketParticipant.identification:PartyType [0..1]                                 |  |
| + connectionPoint.fromTso_MarketParticipant.crp_MarketParticipant.identification:PartyType [0..1]           |  |
| + connectionPoint.fromTso_MarketParticipant.crp_MarketParticipant.account.identification:AccountType [0..1] |  |
| + connectionPoint.period.timeInterval:TimeIntervalType  |  |
| + connectionPoint.period.surrendered_Quantity.amount:Amount_Decimal   |  |
| + connectionPoint.period.sold_Quantity.amount:Amount_Decimal [0..1]   |  |

# Capacity Allocation – SURCAP

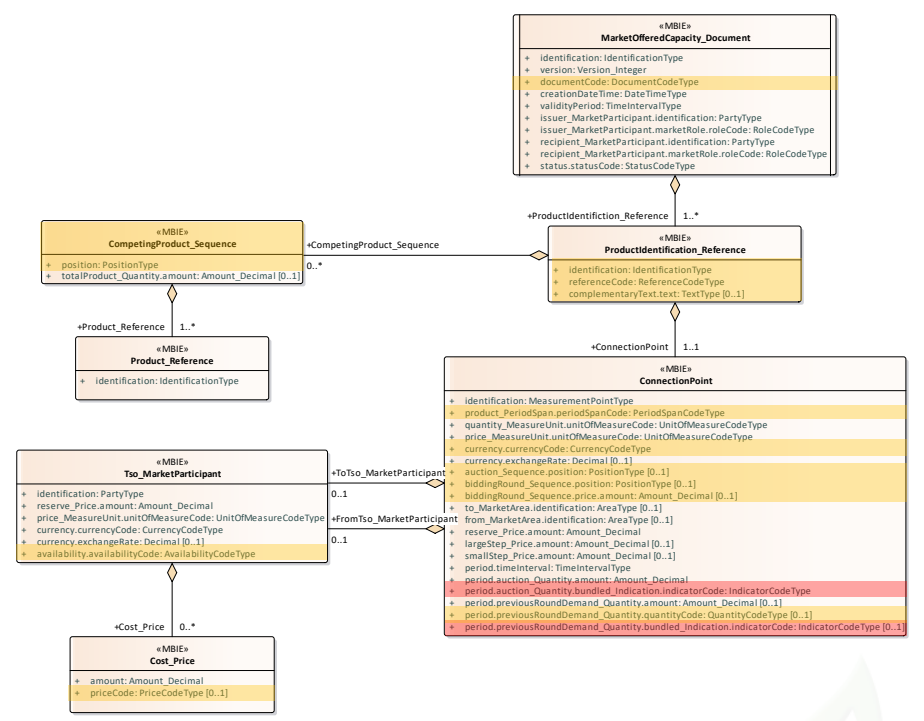
| Attribute Changes                           | Type    | Change                          |
|---|---------|---------------------------------|
| contractReference                           | Removed |                                 |
| contractType                                | Removed |                                 |
| applicationContext                          | Removed |                                 |
| type (DocumentType)                         | Changed | documentCode (DocumentCodeType) |
| connectionPoint.bookablePointIdentification | Removed |                                 |
| auction_Reference.Identification            | New     |                                 |
| status.code                                 | Changed | status.statusCode               |
| <b>Structural Changes</b>                   |         |                                 |
| <None>                                      |         |                                 |

# Capacity Allocation – MAOCAP

## Version 5



## Version 6



# Capacity Allocation – MAOCAP (1)

| Attribute Changes                           | Type    | Change                                |
|---|---------|---------------------------------------|
| applicationContext                          | Removed |                                       |
| type (DocumentType)                         | Changed | documentCode (DocumentCodeType)       |
| CompetingProduct_Characteristic<br>Sequence | Changed | CompetingProduct_Sequence<br>Position |
| availability.type                           | Changed | availability.availabilityCode         |
| type  | Changed | priceCode                             |
| contractReference                           | Changed | referenceCode                         |
| contractType                                | Changed | Identification                        |
| additional_Reason.text                      | Changed | complemenatoryText.text               |
| auction_characteristics.sequence            | Changed | auction_Sequence.position             |
| product_TimeSeries.SpanPeriod               | Changed | product_PeriodSpan.periodSpanCode     |
| capacityType.code                           | Removed |                                       |
| currency.code                               | Changed | currency.currencyCode                 |

## Capacity Allocation – MAOCAP (2)

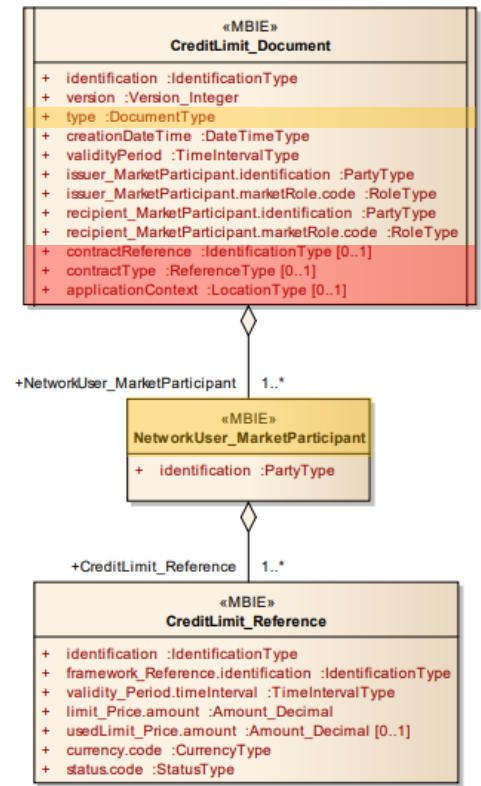
| Attribute Changes                                      | Type    | Change   |
|--|---------|--|
| biddingRound_Characteristics.sequence                  | Changed | biddingRound_Sequence.position                   |
| biddingRound_Characteristics.price                     | Changed | biddingRound_Sequence.price_amount               |
| period.auction_Quantity.type                           | Changed | period.auction_Quantity.bundled_Indication       |
| period.previousRoundDemand_Quantity.type               | Changed | period.previousRoundDemand_Quantity.quantityCode |
| period.previousRoundDemand_Quantity.bundled_Indication | New     |  |

### Structural Changes

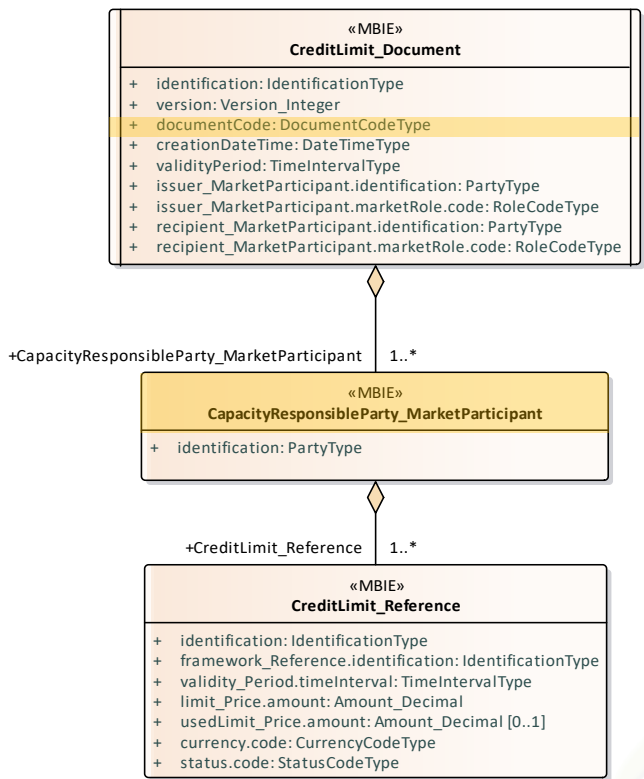
<None>

# Capacity Allocation – CRELIM

## Version 5



## Version 6



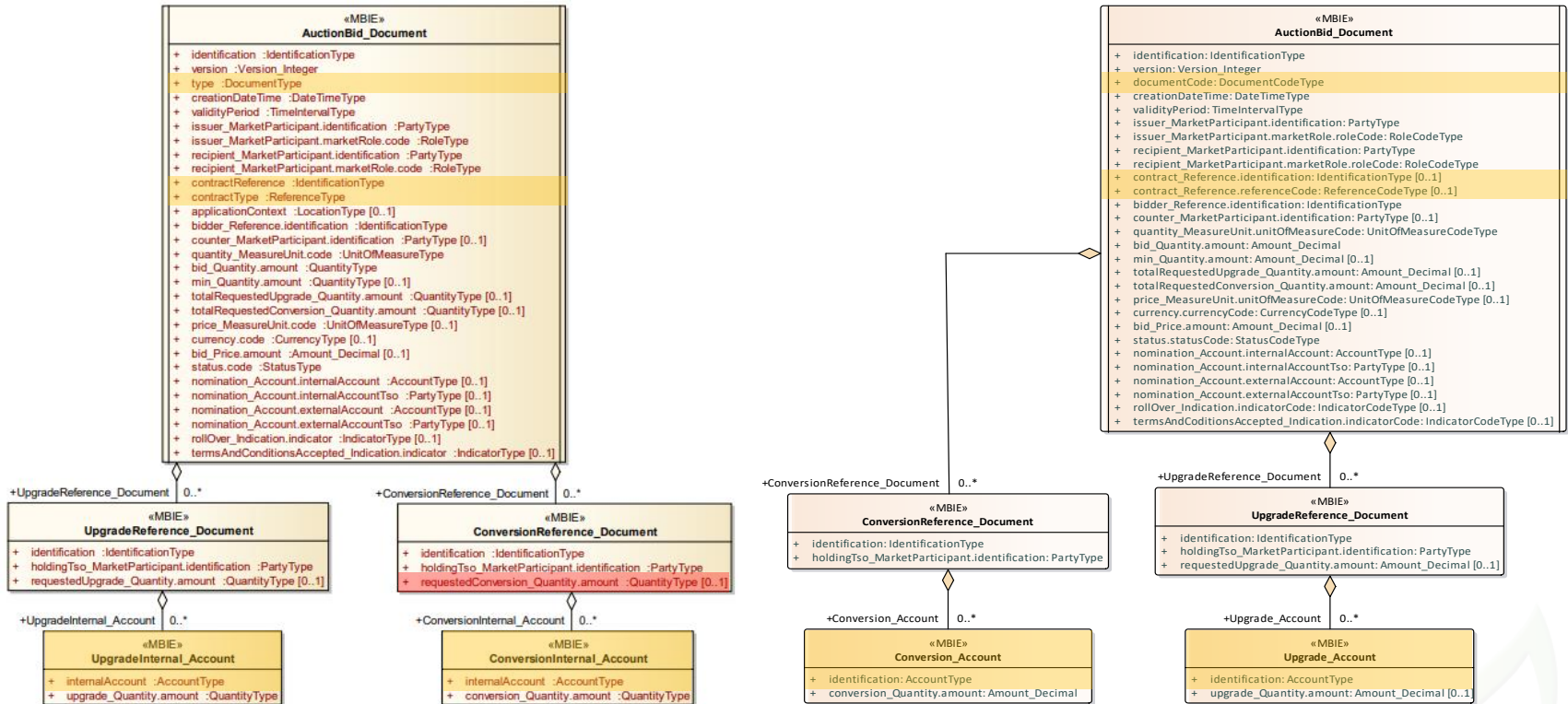
# Capacity Allocation – CRELIM

| Attribute Changes             | Type    | Change                                     |
|-------------------------------|---------|--|
| type (DocumentType)           | Changed | documentCode (DocumentCodeType)            |
| contractReference             | Removed |  |
| contractType                  | Removed |  |
| applicationContext            | Removed |  |
| NetworkUser_MarketParticipant | Changed | CapacityResponsibleParty_MarketParticipant |
| <b>Structural Changes</b>     |         |  |
| <None>                        |         |  |

# Capacity Allocation – AUCBID

## Version 5

## Version 6





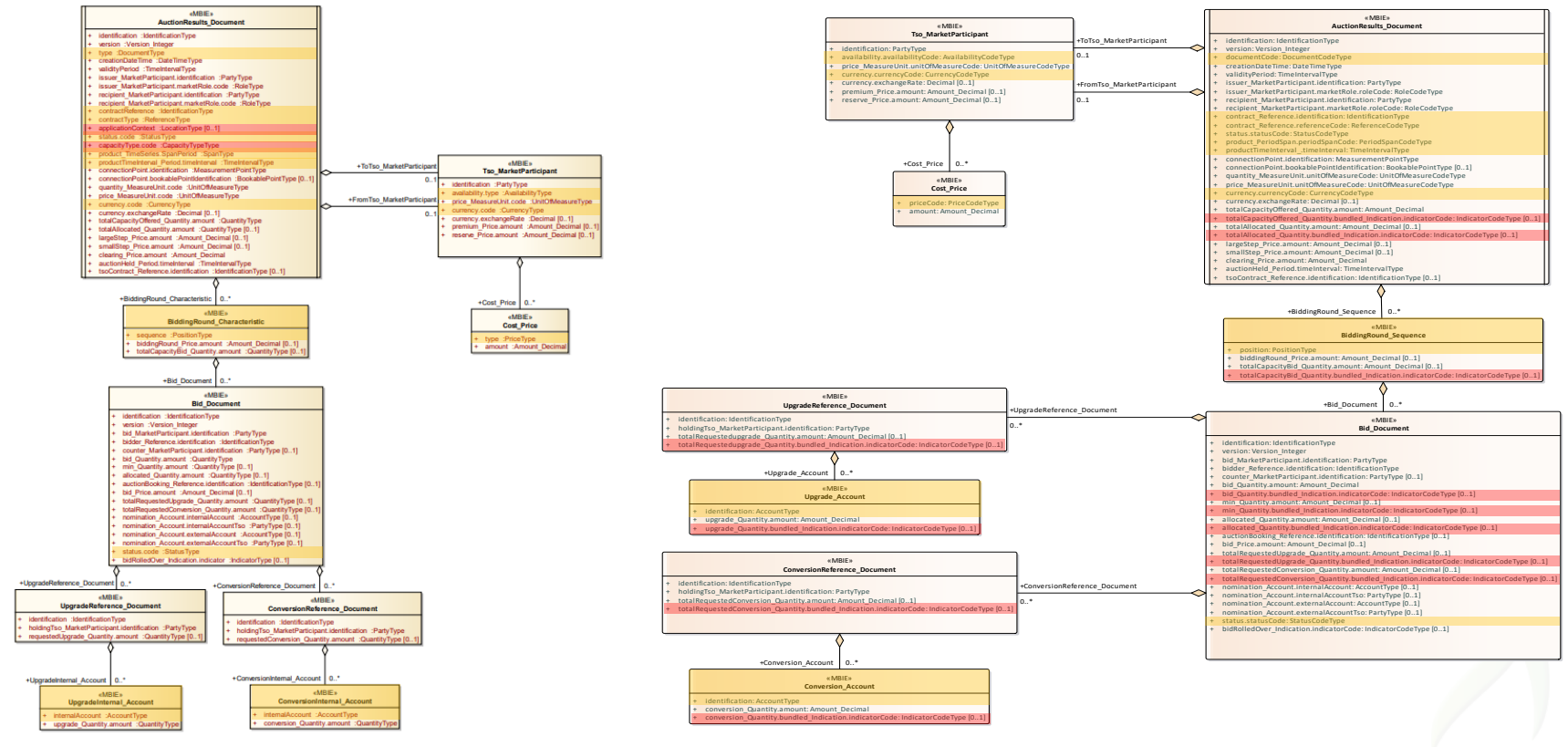
# Capacity Allocation – AUCBID

| Attribute Changes            | Type    | Change                            |
|------------------------------|---------|-----------------------------------|
| type (DocumentType)          | Changed | documentCode (DocumentCodeType)   |
| contractReference            | Changed | contract_Reference.Identification |
| contractType                 | Changed | contract_Reference.referenceCode  |
| requestedConversion_Quantity | Removed |                                   |
| UpgradeInternal_Account      | Changed | Upgrade_Account                   |
| ConversionInternal_Account   | Changed | Conversion_Account                |
| internalAccount              | Changed | identification                    |
| <b>Structural Changes</b>    |         |                                   |
| <None>                       |         |                                   |

# Capacity Allocation – AUCRES

## Version 5

## Version 6



# Capacity Allocation – AUCRES (1)

| Attribute Changes            | Type    | Change                            |
|------------------------------|---------|-----------------------------------|
| type (DocumentType)          | Changed | documentCode (DocumentCodeType)   |
| contractReference            | Changed | contract_Reference.Identification |
| contractType                 | Changed | contract_Reference.referenceCode  |
| status.code                  | Changed | status.statuscode                 |
| capacityType                 | Removed |                                   |
| applicationContext           | Removed |                                   |
| currency.code                | Changed | currency.currencyCode             |
| product_TimeSeries           | Changed | product_PeriodSpan.periodSpanCode |
| productTimeInterval_Period   | Changed | productTimeInterval_timeInterval  |
| biddingRound_Characteristics | Changed | biddingRound_Sequence             |
| Sequence                     | Changed | position                          |
| availability.type            | Changed | availability.availabilityCode     |
| Type                         | Changed | priceCode                         |
| status.code                  | Changed | status.statusCode                 |
| UpgradeInternal_Account      | Changed | Upgrade_Account                   |

## Capacity Allocation – AUCRES (2)

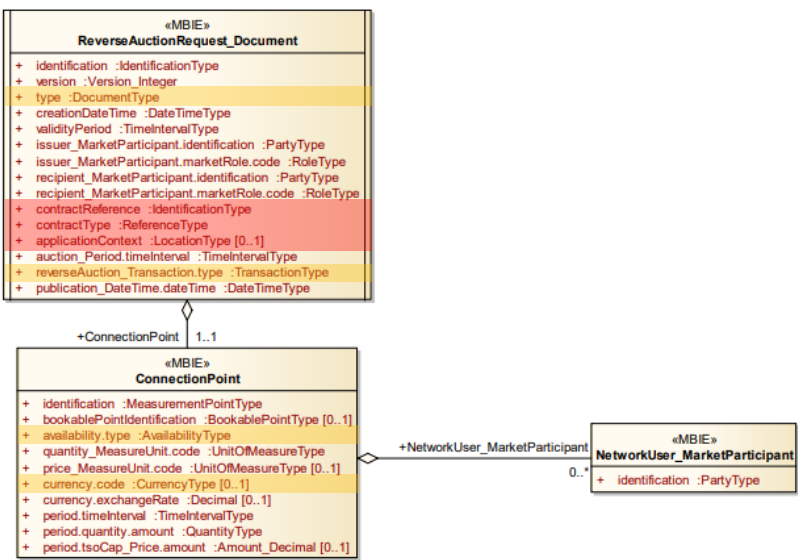
| Attribute Changes                                    | Type    | Change             |
|--|---------|--------------------|
| totalAllocated_Quantity.bundled_Indication           | New     |                    |
| totalCapacityOffered_Quantity.bundled_Indication     | New     |                    |
| totalCapacityBid_Quantity.bundled_Indication         | New     |                    |
| totalRequestedUpgrade_Quantity.bundled_indication    | New     |                    |
| upgrade_Quantity.bundled_indication                  | New     |                    |
| totalRequestedConversion_Quantity.bundled_indication | New     |                    |
| conversion_Quantity.bundled_indication               | New     |                    |
| allocated_Quantity.bundled_indication                | New     |                    |
| bid_Quantity.bundled_indication                      | New     |                    |
| min_Quantity.bundled_indication                      | New     |                    |
| ConversionInternal_Account                           | Changed | Conversion_Account |
| internalAccount                                      | Changed | Identification     |
| <b>Structural Changes</b>                            |         |                    |
| <None>   |         |                    |

|             |                   |
|-------------|-------------------|
| <div></div> | Attribute removed |
| <div></div> | Attribute change  |
| <div></div> | Structural change |

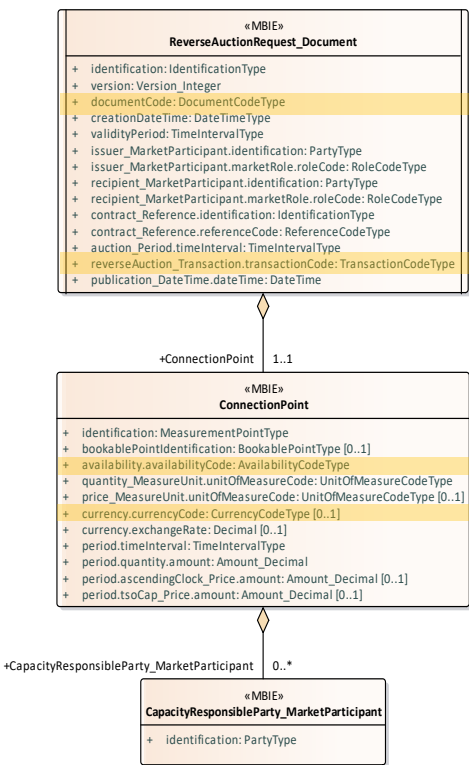
| Business Area             |
|---------------------------|
| 01 Capacity Allocation    |
| 02 Gas Trading            |
| 03 Nomination & Matching  |
| 04 Balancing & Settlement |
| 05 Remit & Transparency   |
| 06 General                |

# Capacity Allocation – REVAUC

Version 5



Version 6

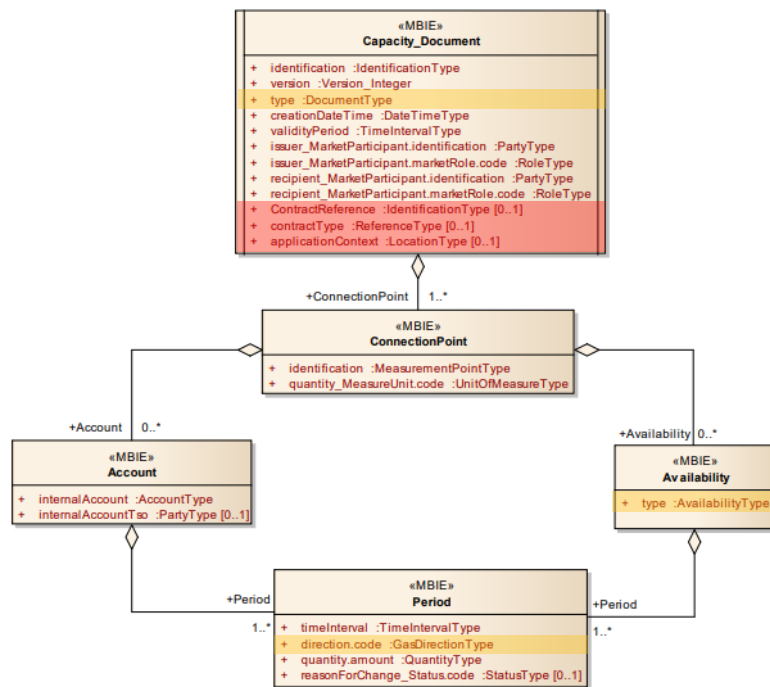


# Capacity Allocation – REVAUC

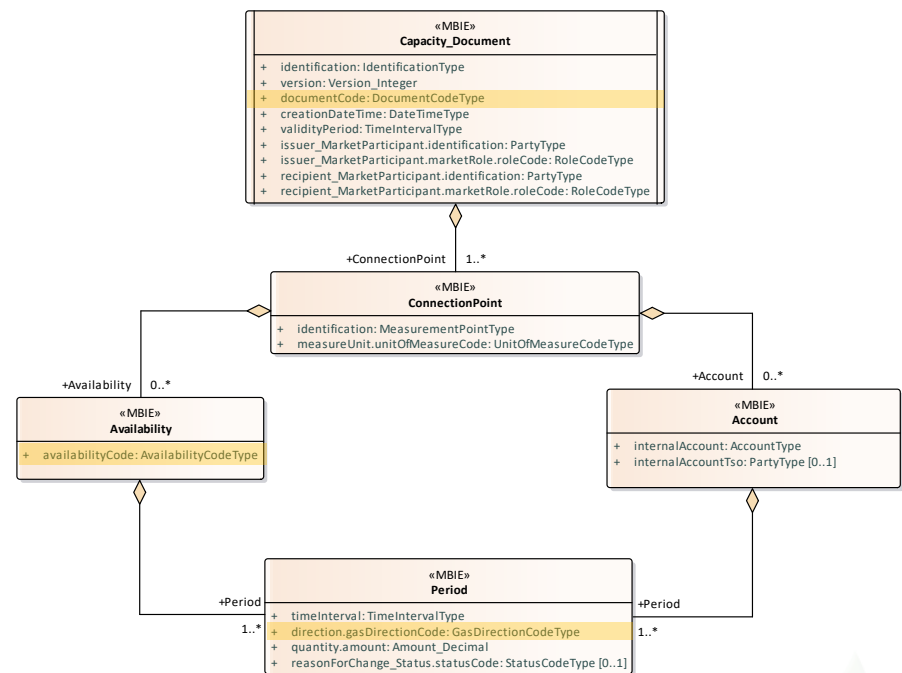
| Attribute Changes               | Type    | Change                                     |
|---------------------------------|---------|--|
| type (DocumentType)             | Changed | documentCode (DocumentCodeType)            |
| contractReference               | Removed |  |
| contractType                    | Removed |  |
| applicationContext              | Removed |  |
| reverseAuction_Transaction.type | Changed | reverseAuction_Transaction.transactionCode |
| availability.type               | Changed | availability.availabilityCode              |
| currency.code                   | Changed | currency.currencyCode                      |
| <b>Structural Changes</b>       |         |  |
| <None>                          |         |  |

# Capacity Allocation – CAPDOC

## Version 5



## Version 6



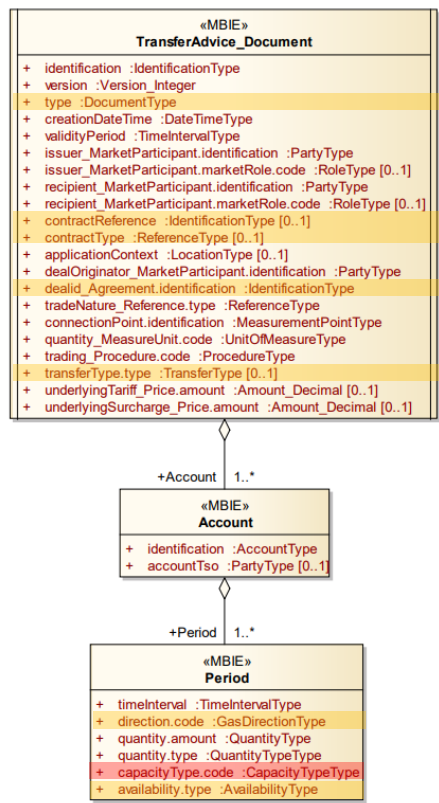
# Capacity Allocation – CAPDOC

| Attribute Changes         | Type    | Change                          |
|---------------------------|---------|---------------------------------|
| type (DocumentType)       | Changed | documentCode (DocumentCodeType) |
| contractReference         | Removed |                                 |
| contractType              | Removed |                                 |
| applicationContext        | Removed |                                 |
| availability.type         | Changed | availability.availabilityCode   |
| currency.code             | Changed | currency.currencyCode           |
| direction.code            | Changed | direction.gasDirectionCode      |
| <b>Structural Changes</b> |         |                                 |
| <None>                    |         |                                 |

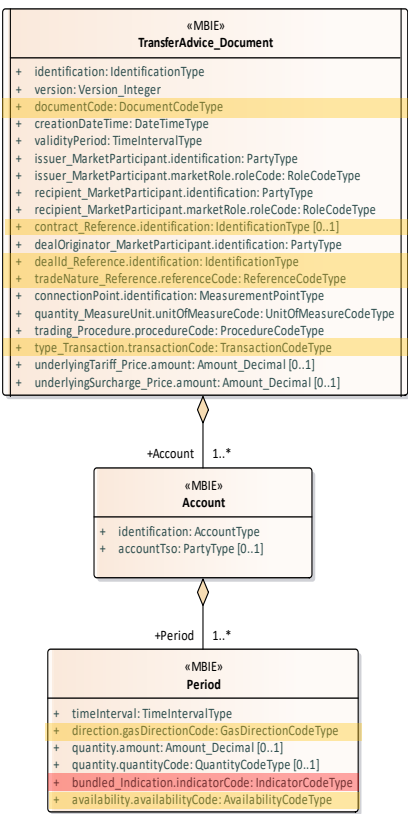


# Capacity Allocation – TRAADV

## Version 5



## Version 6



# Capacity Allocation – TRAADV

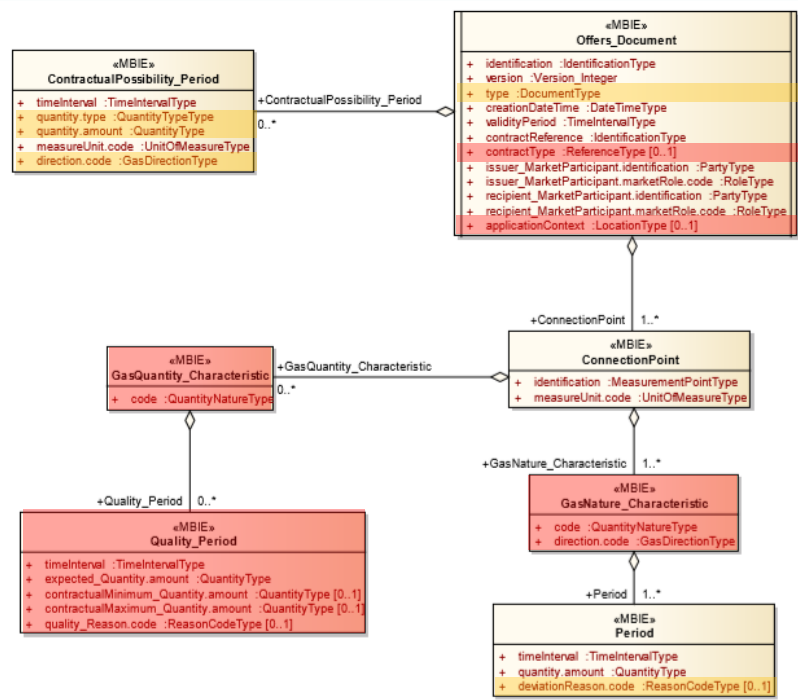
| Attribute Changes                | Type    | Change                              |
|----------------------------------|---------|-------------------------------------|
| type (DocumentType)              | Changed | documentCode (DocumentCodeType)     |
| contractReference                | Changed | contract_Reference.Identification   |
| contractType                     | Changed | tradeNature_Reference.referenceCode |
| dealid_agreement.identification  | Changed | dealid_Reference.identification     |
| transferType.type                | Changed | type_Transaction.transactionCode    |
| capacityType                     | Removed |                                     |
| bundled_Indication.indicatorCode | New     |                                     |
| availability.type                | Changed | availability.availabilityCode       |
| direction.code                   | Changed | direction.gasDirectionCode          |
| <b>Structural Changes</b>        |         |                                     |
| <None>                           |         |                                     |

## Gas Trading – Message Overview

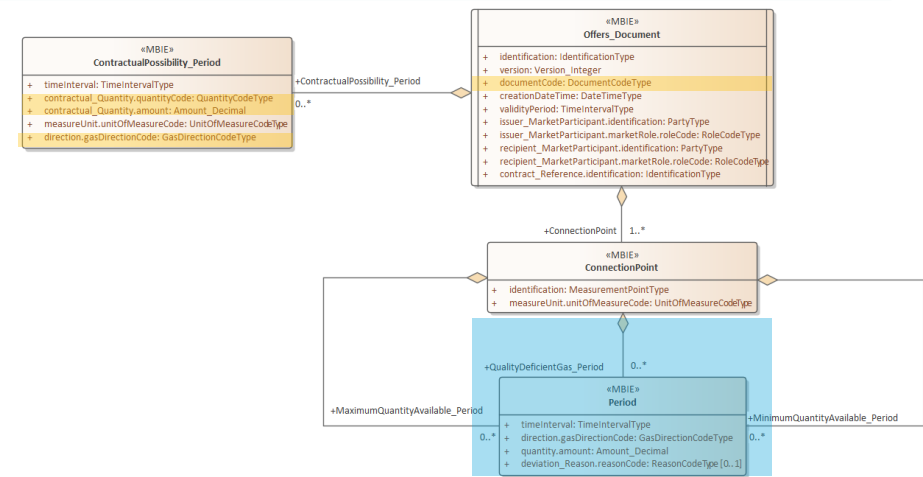
| Message | Description                          |
|---------|--------------------------------------|
| OFFERS  | Gas purchase or sale offers document |
| REQUEST | Offtake request to the seller of gas |
| REQRES  | Offtake request response document    |
| GASDEC  | Moved to General                     |
| GASCON  | Moved to General                     |

# Gas Trading – OFFERS

## Version 5



## Version 6



# Gas Trading – OFFERS

| Attribute Changes           | Type    | Change                            |
|-----------------------------|---------|-----------------------------------|
| type (DocumentType)         | Changed | documentCode (DocumentCodeType)   |
| contractReference           | Changed | contract_Reference.Identification |
| contractType                | Removed |                                   |
| applicationContext          | Removed |                                   |
| quantity.type               | Changed | contractual_Quantity.quantityCode |
| quantity.amount             | Changed | contractual_Quantity.amount       |
| direction.code              | Changed | direction.gasDirectionCode        |
| code                        | Changed | quantityNatureCode                |
| GasNature_Characteristics   | Removed |                                   |
| GasQuantity_Characteristics | Removed |                                   |
| deviationReason.code        | Changed | deviation_Reason.reasonCode       |

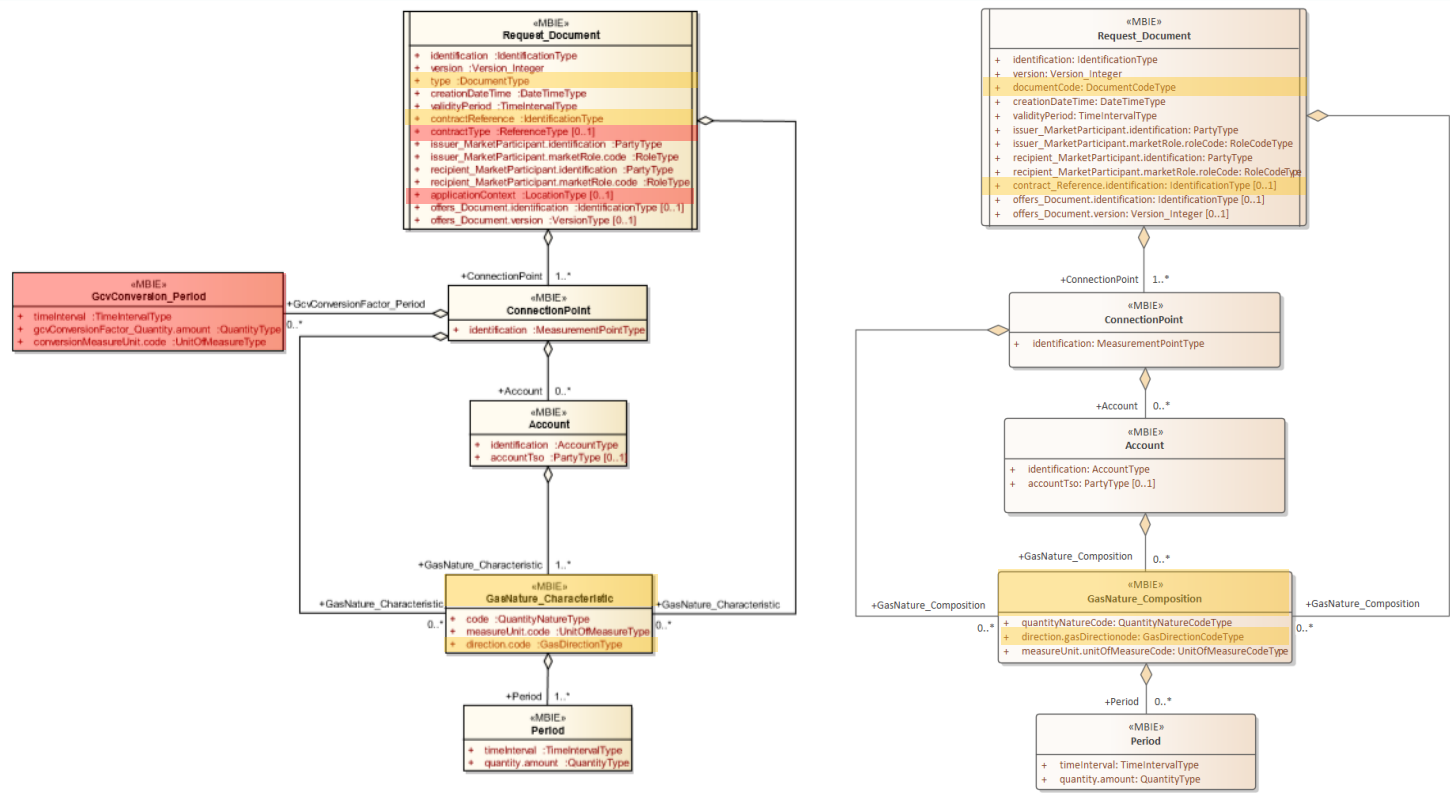
## Structural Changes

GasNature and GasQuantity removed, and the QualityPeriod quantities (Maximum, Minimum, QualityDeficiency) are replaced by separate connections between Period and ConnectionPoint.

# Gas Trading – REQUEST

## Version 5

## Version 6

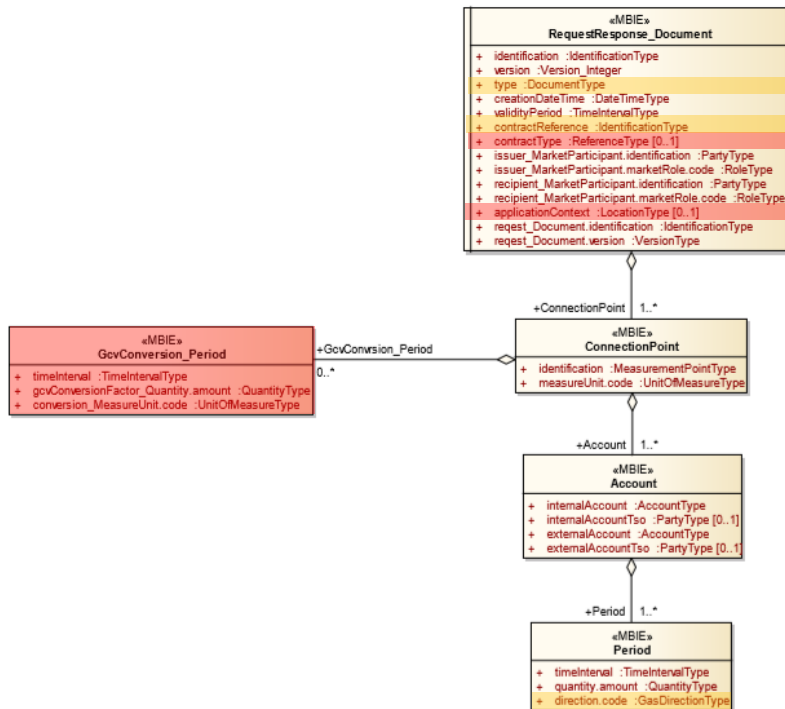


# Gas Trading – REQUEST

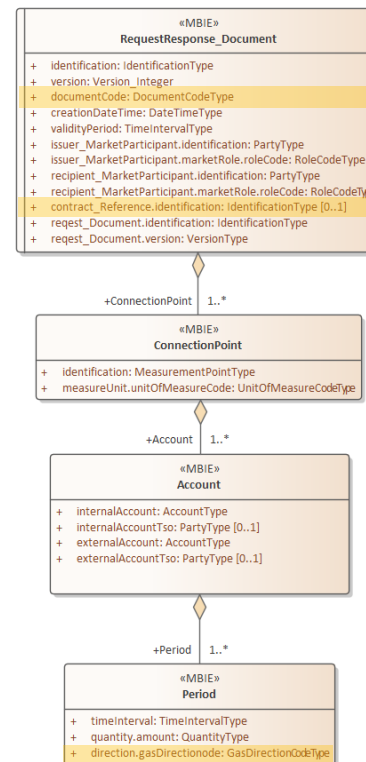
| Attribute Changes         | Type    | Change                            |
|---------------------------|---------|-----------------------------------|
| type (DocumentType)       | Changed | documentCode (DocumentCodeType)   |
| contractReference         | Changed | contract_Reference.Identification |
| contractType              | Removed |                                   |
| applicationContext        | Removed |                                   |
| direction.code            | Changed | direction.gasDirectionCode        |
| GCV_ConversionPeriod      | Removed |                                   |
| GasNature_Characteristics | Changed | GasNature_Composition             |
| <b>Structural Changes</b> |         |                                   |
| <None>                    |         |                                   |

# Gas Trading – REQRES

## Version 5



## Version 6





# Gas Trading – REQRES

| Attribute Changes         | Type    | Change                            |
|---------------------------|---------|-----------------------------------|
| type (DocumentType)       | Changed | documentCode (DocumentCodeType)   |
| contractReference         | Changed | contract_Reference.Identification |
| contractType              | Removed |                                   |
| applicationContext        | Removed |                                   |
| direction.code            | Changed | direction.gasDirectionCode        |
| GCV_ConversionPeriod      | Removed |                                   |
| <b>Structural Changes</b> |         |                                   |
| <None>                    |         |                                   |

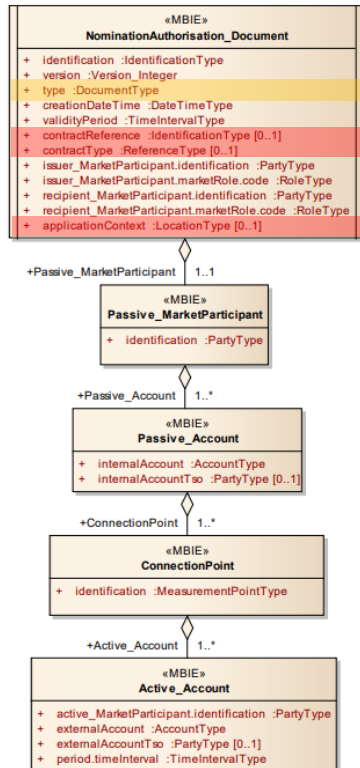
# Nomination & Matching – Message Overview

| Business Area             |
|---------------------------|
| 01 Capacity Allocation    |
| 02 Gas Trading            |
| 03 Nomination & Matching  |
| 04 Balancing & Settlement |
| 05 Remit & Transparency   |
| 06 General                |

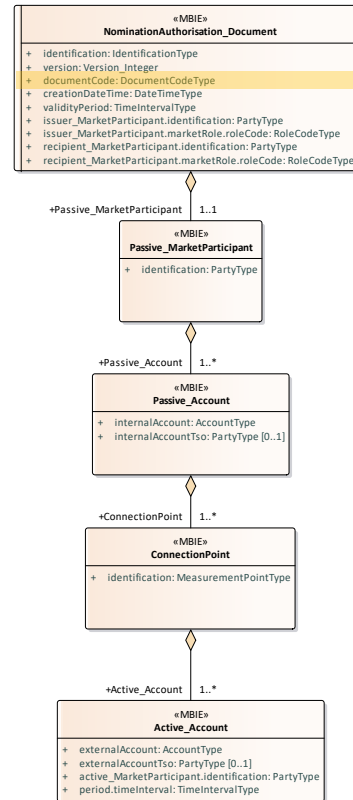
| Message | Description                       |
|---------|-----------------------------------|
| NOMAUT  | Nomination authorisation document |
| NOMINT  | Nomination document               |
| NOMRES  | Nomination response document      |
| DELORD  | Delivery order document           |
| DELRES  | Delivery response document        |

# Nomination & Matching – NOMAUT

## Version 5



## Version 6



# Nomination & Matching – NOMAUT

| Attribute Changes         | Type    | Change                          |
|---------------------------|---------|---------------------------------|
| contractReference         | Removed |                                 |
| contractType              | Removed |                                 |
| applicationContext        | Removed |                                 |
| type (DocumentType)       | Changed | documentCode (DocumentCodeType) |
| <b>Structural Changes</b> |         |                                 |
| <None>                    |         |                                 |

Attribute removed

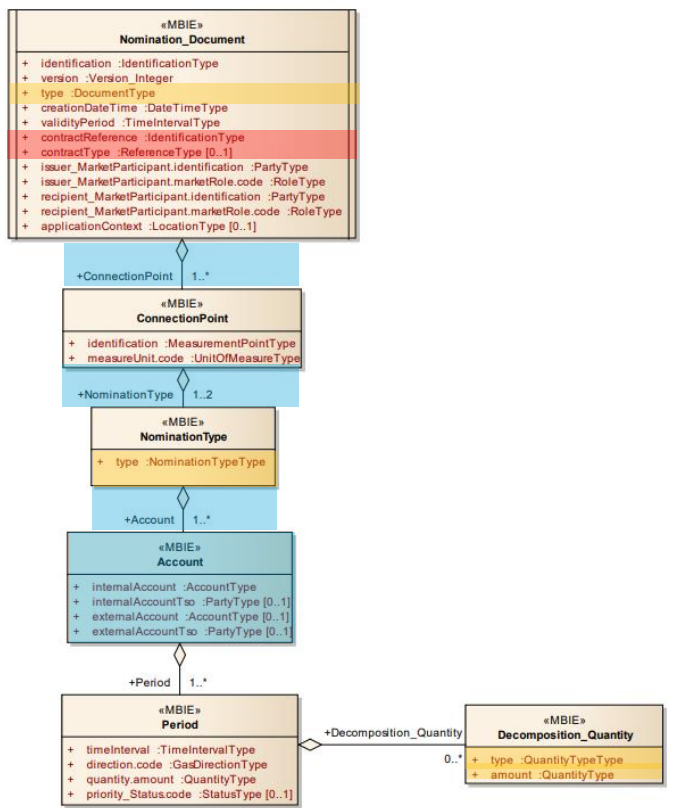
Attribute change

Structural change

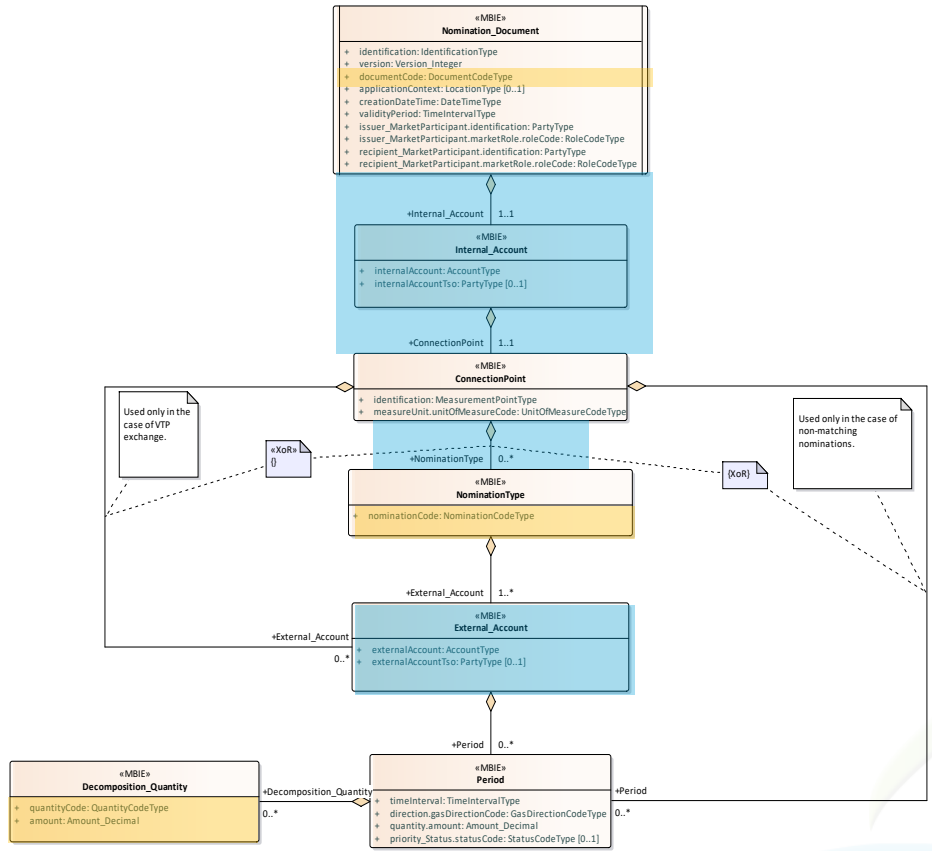
| Business Area             |
|---------------------------|
| 01 Capacity Allocation    |
| 02 Gas Trading            |
| 03 Nomination & Matching  |
| 04 Balancing & Settlement |
| 05 Remit & Transparency   |
| 06 General                |

# Nomination & Matching – NOMINT

Version 5



Version 6



# Nomination & Matching – NOMINT

| Attribute Changes         | Type    | Change                                       |
|---------------------------|---------|--|
| contractReference         | Removed |  |
| contractType              | Removed |  |
| type (DocumentType)       | Changed | documentCode (DocumentCodeType)              |
| type (NominationTypeType) | Changed | nominationCode (NominationCodeType)          |
| Account                   | Changed | split in two classes (internal and external) |
| QuantityType              | Changed | Amount_Decimal                               |
| Type (QuantityTypeType)   | Changed | quantityCode (QuantityCodeType)              |

## Structural Changes

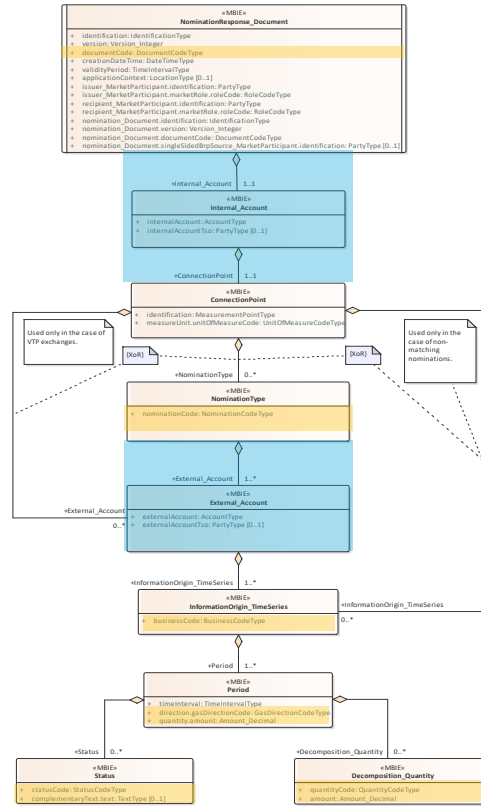
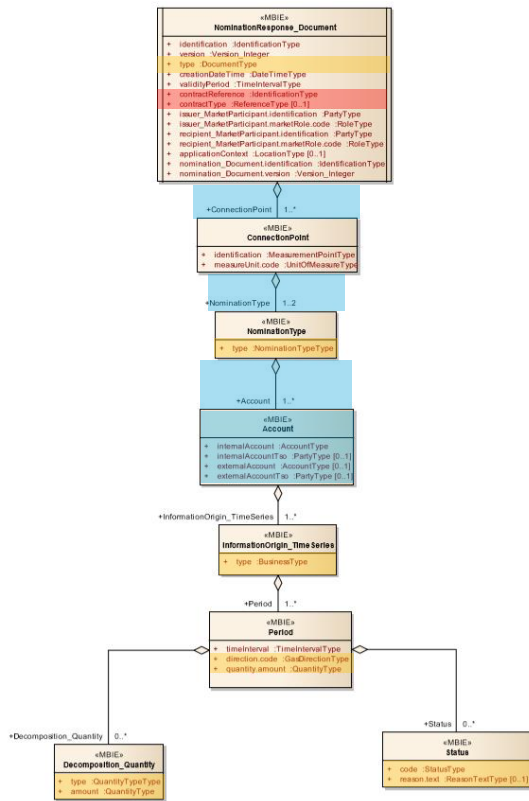
Only one internal account and one location per message

Nomination type optional (and only 1 type allowed)

# Nomination & Matching – NOMRES

## Version 5

## Version 6



# Nomination & Matching – NOMRES

| Attribute Changes         | Type    | Change                                       |
|---------------------------|---------|--|
| contractReference         | Removed |  |
| contractType              | Removed |  |
| type (DocumentType)       | Changed | documentCode (DocumentCodeType)              |
| type (NominationTypeType) | Changed | nominationCode (NominationCodeType)          |
| Account                   | Changed | split in two classes (internal and external) |
| QuantityType              | Changed | Amount_Decimal                               |
| type (QuantityTypeType)   | Changed | quantityCode (QuantityCodeType)              |
| type (BusinessType)       | Changed | businessCode (BusinessCodeType)              |
| code                      | Changed | statusCode                                   |
| reason.text               | Changed | complementaryText                            |
| direction.code            | Changed | direction.gasDirectionCode                   |

## Structural Changes

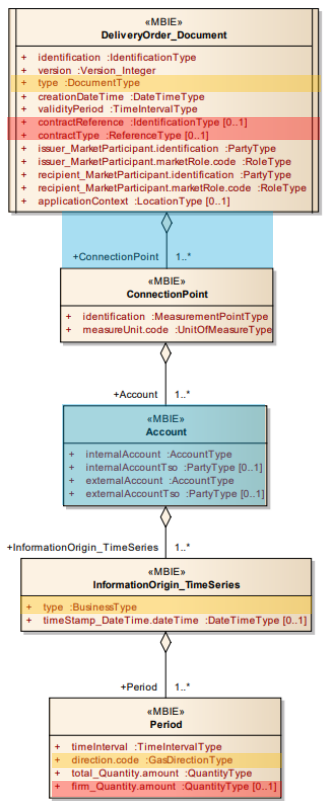
Only one internal account and one location per message

Nomination type optional (and only 1 type allowed)

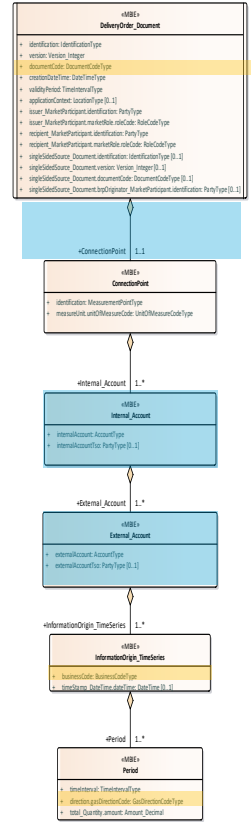


# Nomination & Matching – DELORD

## Version 5



## Version 6



# Nomination & Matching – DELORD

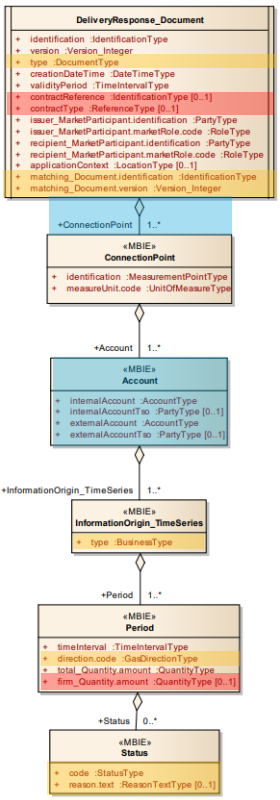
| Attribute Changes    | Type    | Change                                       |
|----------------------|---------|--|
| contractReference    | Removed |  |
| contractType         | Removed |  |
| type (DocumentType)  | Changed | documentCode (DocumentCodeType)              |
| type (BusinessType)  | Changed | businessCode (BusinessCodeType)              |
| Account              | Changed | split in two classes (internal and external) |
| QuantityType         | Changed | Amount_Decimal                               |
| firm_Quantity.amount | Removed |  |
| direction.code       | Changed | direction.gasDirectionCode                   |

## Structural Changes

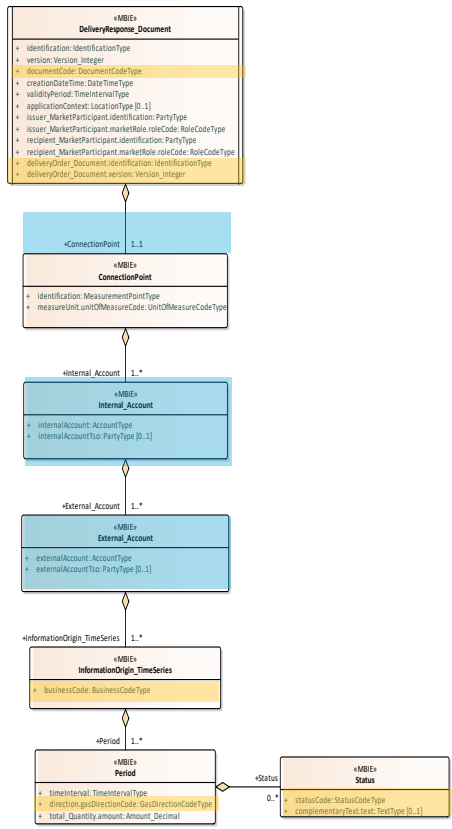
Only one internal account and one location per message

# Nomination & Matching – DELRES

## Version 5



## Version 6



# Nomination & Matching – DELRES

| Attribute Changes                | Type    | Change                                       |
|----------------------------------|---------|--|
| contractReference                | Removed |  |
| contractType                     | Removed |  |
| matching_Document.identification | Changed | deliveryOrder.identification                 |
| matching_Document.version        | Changed | deliveryOrder.version                        |
| type (DocumentType)              | Changed | documentCode (DocumentCodeType)              |
| type (BusinessType)              | Changed | businessCode (BusinessCodeType)              |
| Account                          | Changed | split in two classes (internal and external) |
| direction.code                   | Changed | direction.gasDirectionCode                   |
| code                             | Changed | statusCode                                   |
| reason.text                      | Changed | complementaryText                            |

## Structural Changes

Only one location per message

# Balancing & Settlement – Message Overview

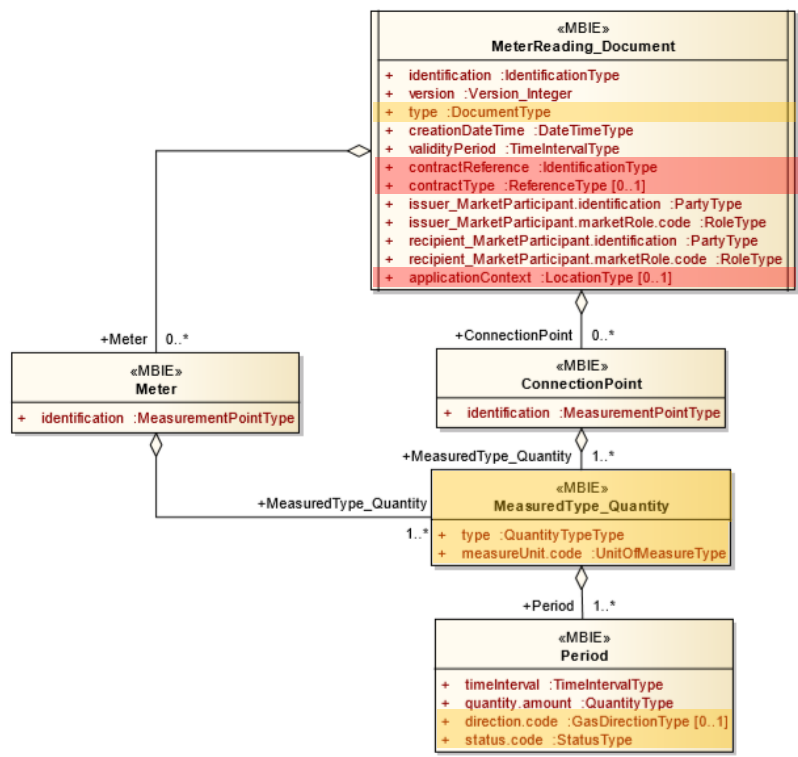
**Business Area**

- 01 Capacity Allocation
- 02 Gas Trading
- 03 Nomination & Matching
- 04 Balancing & Settlement**
- 05 Remit & Transparency
- 06 General

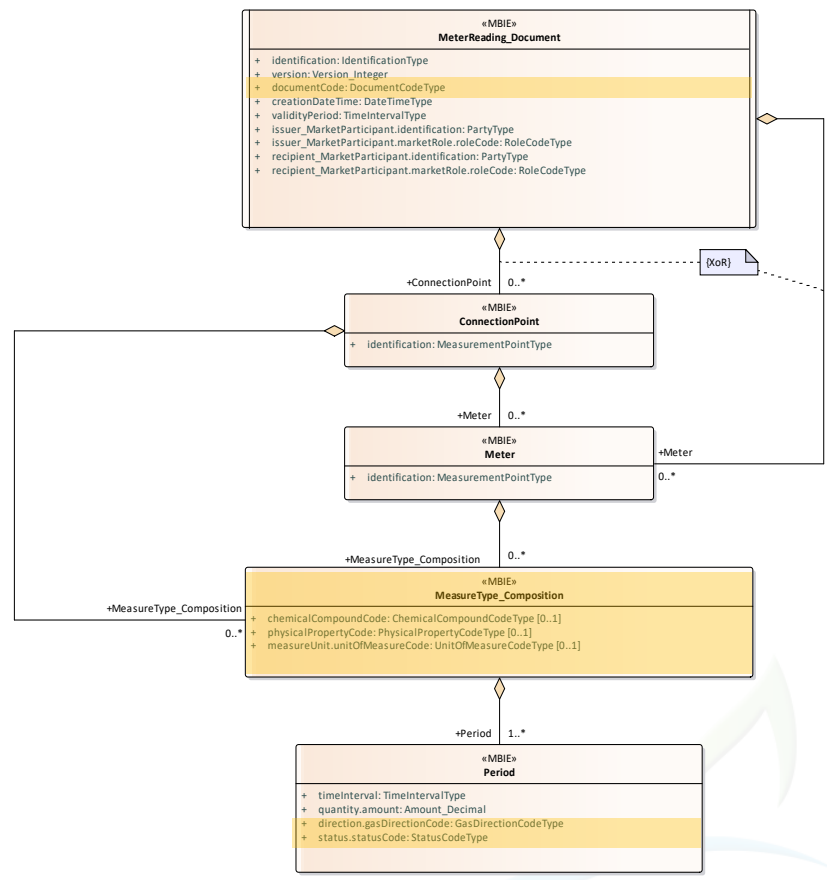
| Message | Description               |
|---------|---------------------------|
| METRED  | Meter reading document    |
| MARSIT  | Market situation document |

# Balancing & Settlement – METRED

## Version 5



## Version 6

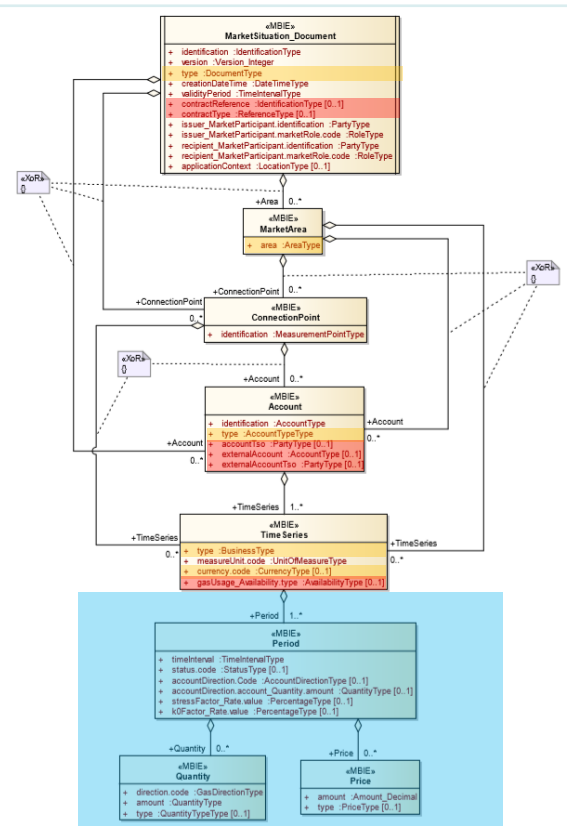


## Balancing & Settlement – METRED

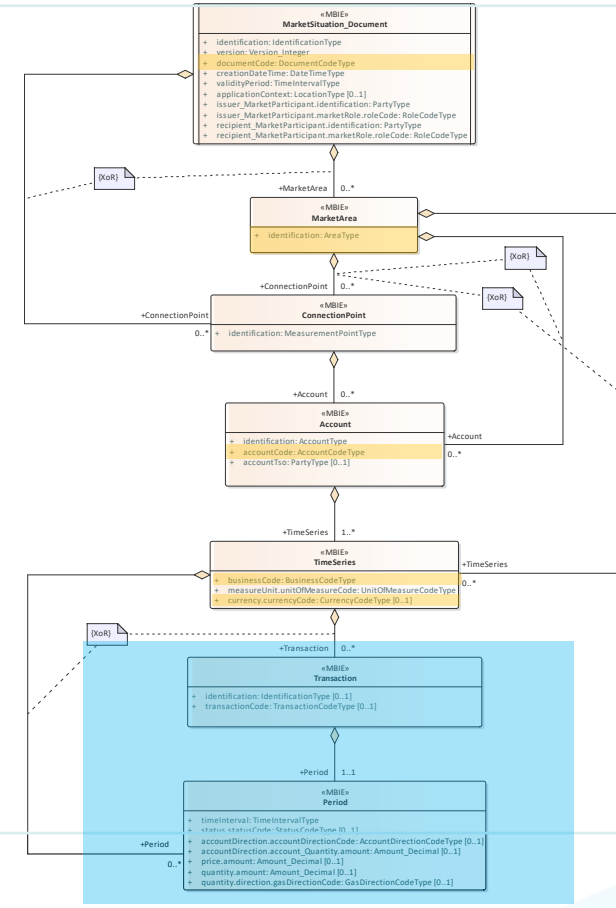
| Attribute Changes         | Type    | Change                                      |
|---------------------------|---------|---|
| contractReference         | Removed |   |
| contractType              | Removed |   |
| applicationContext        | Removed |   |
| type (DocumentType)       | Changed | documentCode (DocumentCodeType)             |
| type (QuantityTypeCode)   | Changed | quantityNatureCode (QuantityNatureCodeType) |
| measureUnit.code          | Changed | measureUnit.unitOfMeasureCode               |
| status.code               | Changed | statusCode                                  |
| direction.code            | Changed | direction.gasDirectionCode                  |
| MeasuredType_Quantity     | Changed | MeasureType_Composition                     |
| chemicalCompoundCode      | New     |   |
| physicalPropertyCode      | New     |   |
| <b>Structural Changes</b> |         |   |
| <None>                    |         |   |

# Balancing & Settlement – MARSIT

Version 5



Version 6





## Balancing & Settlement – MARSIT

| Attribute Changes      | Type    | Change                          |
|------------------------|---------|---------------------------------|
| contractReference      | Removed |                                 |
| contractType           | Removed |                                 |
| type (DocumentType)    | Changed | documentCode (DocumentCodeType) |
| area                   | Changed | identification                  |
| Type (AccountTypeType) | Changed | accountCode (AccountCodeType)   |
| accountTso             | Removed |                                 |
| externalAccount        | Removed |                                 |
| externalAccountTso     | Removed |                                 |
| type (BusinessType)    | Changed | businessCode (BusinessCodeType) |
| currency.code          | Changed | currency.currencyCode           |
| gasUsage_Availability  | Removed |                                 |

### Structural Changes

Transaction introduced as an optional element (0..\*) with one an only one period

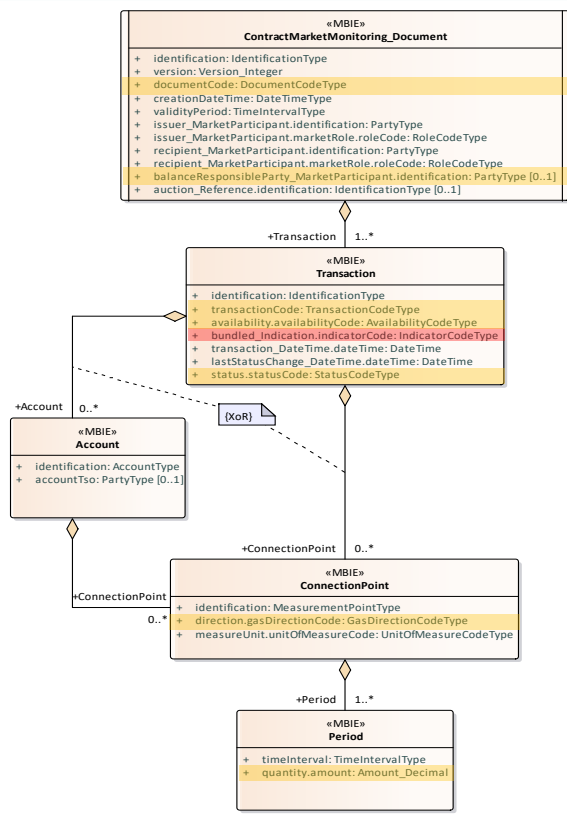
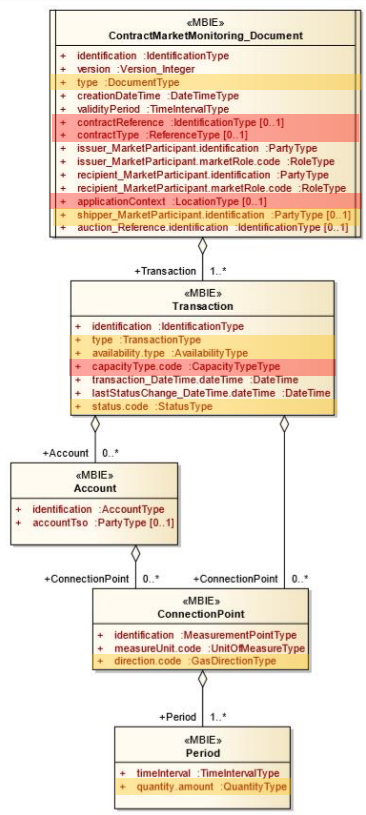
## Remit & Transparency – Message Overview

| Message | Description   |
|---------|---|
| MTKMON  | Contract market monitoring document                       |
| TRANSPB | Transparency publication document                         |
| NOMASS  | Nomination assignment document                            |
| CANMON  | Capacity and nomination monitoring document               |
| UMM     | Urgent market message document (new message in version 6) |

# Remit & Transparency – MTKMON

## Version 5

## Version 6

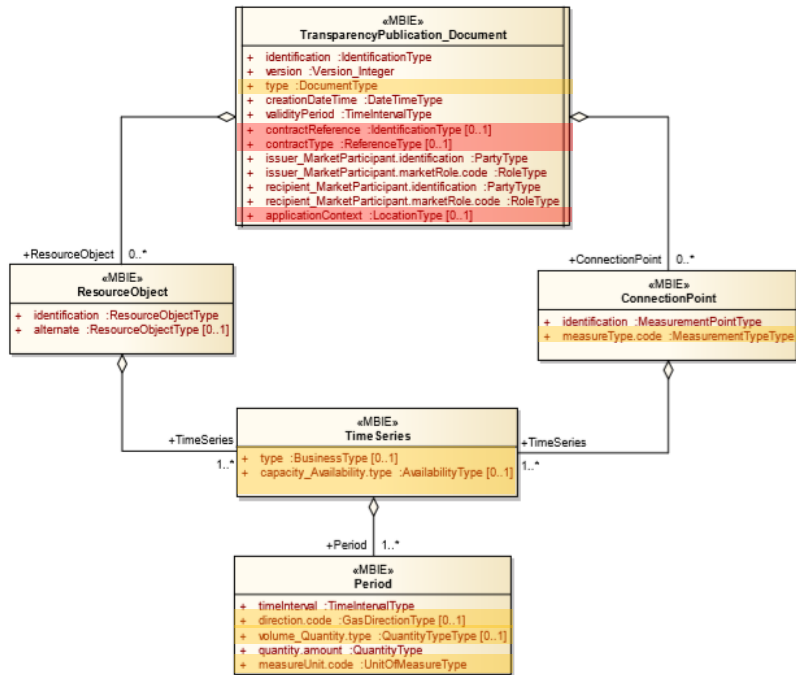


## Remit & Transparency – MTKMON

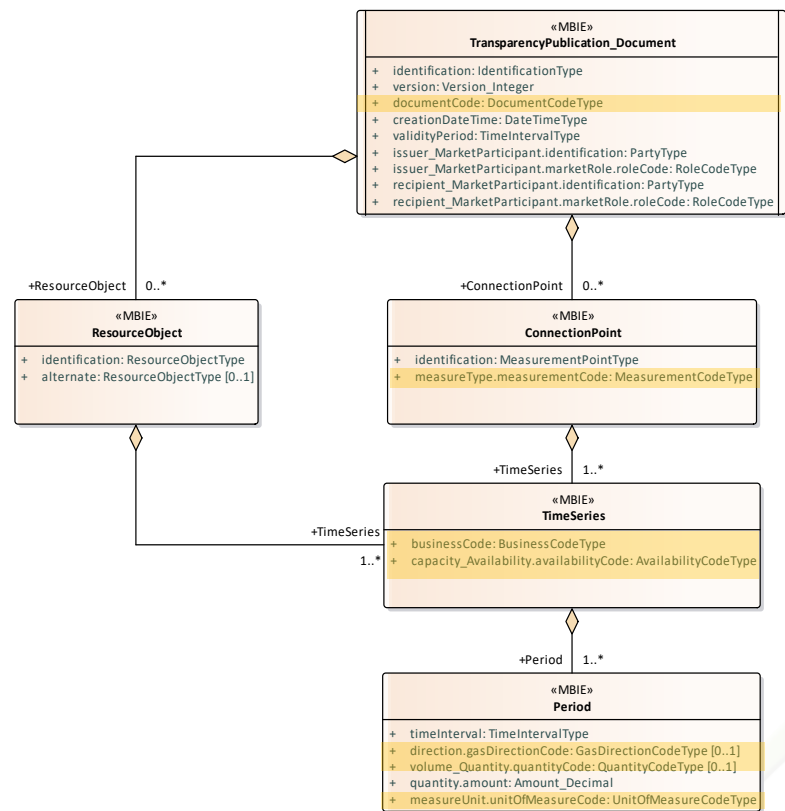
| Attribute Changes                | Type    | Change                                    |
|----------------------------------|---------|---|
| contractReference                | Removed |   |
| contractType                     | Removed |   |
| applicationContext               | Removed |   |
| type (DocumentType)              | Changed | documentCode (DocumentCodeType)           |
| shipper_MarketParticipant        | Changed | balanceResponsibleParty_MarketParticipant |
| bundled_Indication.indicatorCode | New     |   |
| Type (TransactionType)           | Changed | transactionCode (TransactionCodeType)     |
| availability_type                | Changed | availability.availabilityCode             |
| capacityType.code                | Removed |   |
| status.code                      | Changed | status.statusCode                         |
| direction.code                   | Changed | direction.gasDirectionCode                |
| QuantityType                     | Changed | Amount_Decimal                            |
| <b>Structural Changes</b>        |         |   |
| <None>                           |         |   |

# Remit & Transparency – TRANSPB

## Version 5



## Version 6

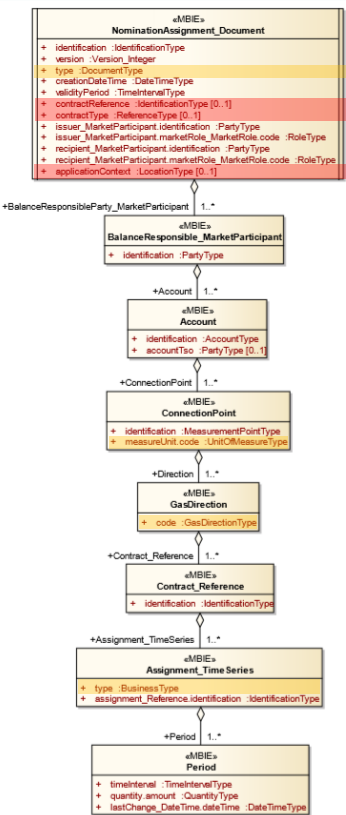


## Remit & Transparency – TRANSPB

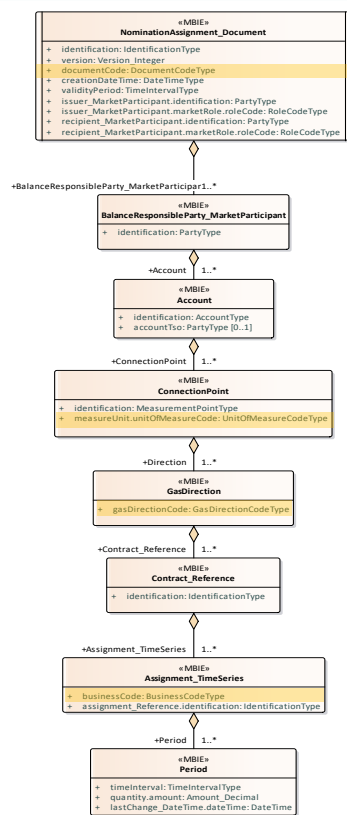
| Attribute Changes          | Type    | Change                                 |
|----------------------------|---------|--|
| contractReference          | Removed |  |
| contractType               | Removed |  |
| applicationContext         | Removed |  |
| type (DocumentType)        | Changed | documentCode (DocumentCodeType)        |
| measureType.code           | Changed | measureType.measurementCode            |
| type (BusinessType)        | Changed | businessCode (BusinessCodeType)        |
| capacity_Availability.type | Changed | capacity_Availability.availabilityCode |
| direction.code             | Changed | direction.gasDirectionCode             |
| measureUnit.code           | Changed | measureUnit.unitOfMeasureCode          |
| volume_Quantity.type       | Changed | volume_Quantity.quantityCode           |
| <b>Structural Changes</b>  |         |  |
| <None>                     |         |  |

# Remit & Transparency – NOMASS

## Version 5



## Version 6



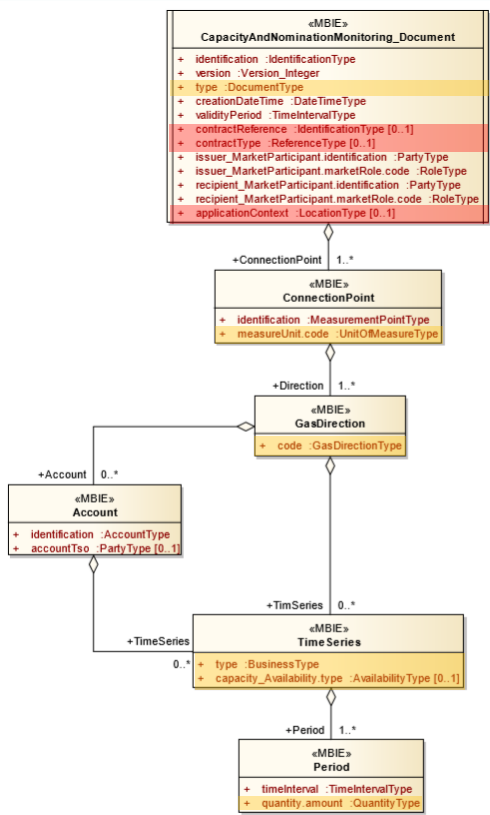
# Remit & Transparency – NOMASS

| Attribute Changes         | Type    | Change                          |
|---------------------------|---------|---------------------------------|
| contractReference         | Removed |                                 |
| contractType              | Removed |                                 |
| applicationContext        | Removed |                                 |
| type (DocumentType)       | Changed | documentCode (DocumentCodeType) |
| measureUnit.code          | Changed | measureUnit.unitOfMeasureCode   |
| code                      | Changed | direction.gasDirectionCode      |
| type (BusinessType)       | Changed | businessCode (BusinessCodeType) |
| <b>Structural Changes</b> |         |                                 |
| <None>                    |         |                                 |

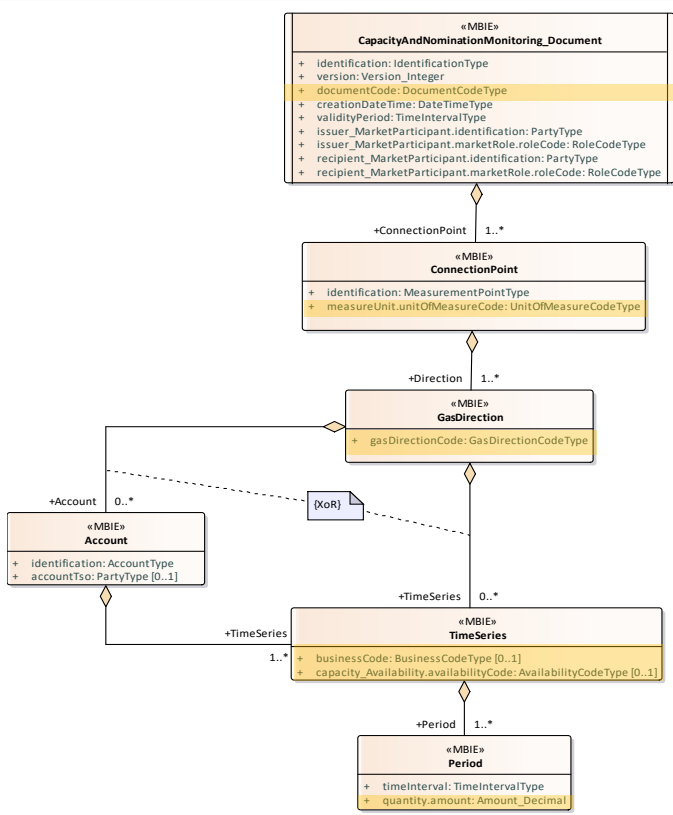


# Remit & Transparency – CANMON

## Version 5



## Version 6



# Remit & Transparency – CANMON

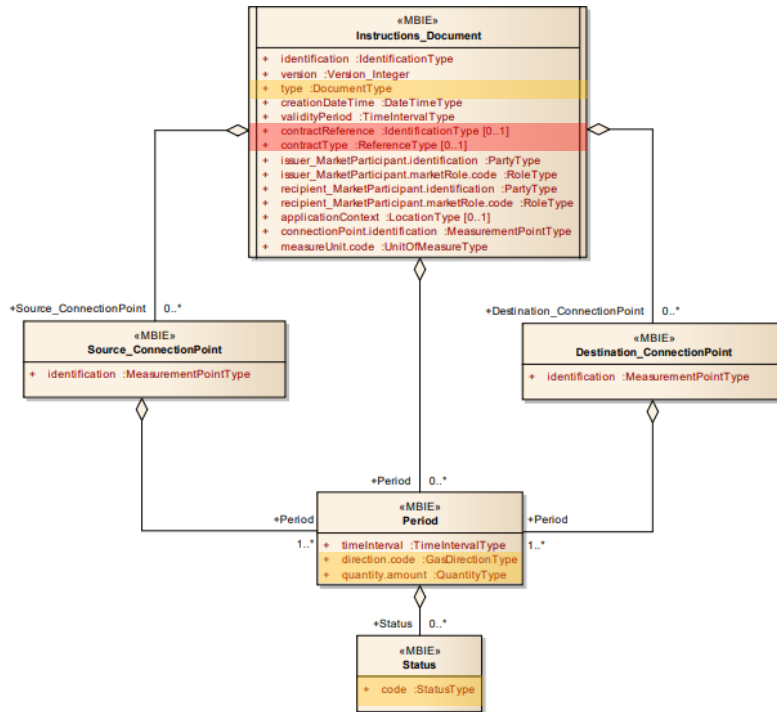
| Attribute Changes          | Type    | Change                                 |
|----------------------------|---------|--|
| contractReference          | Removed |  |
| contractType               | Removed |  |
| applicationContext         | Removed |  |
| type (DocumentType)        | Changed | documentCode (DocumentCodeType)        |
| measureUnit.code           | Changed | measureUnit.unitOfMeasureCode          |
| code                       | Changed | gasDirectionCode                       |
| type (BusinessType)        | Changed | businessCode (BusinessCodeType)        |
| capacity_Availability.type | Changed | capacity_Availability.availabilityCode |
| QuantityType               | Changed | Amount_Decimal                         |
| <b>Structural Changes</b>  |         |  |
| <None>                     |         |  |

## General – Message Overview

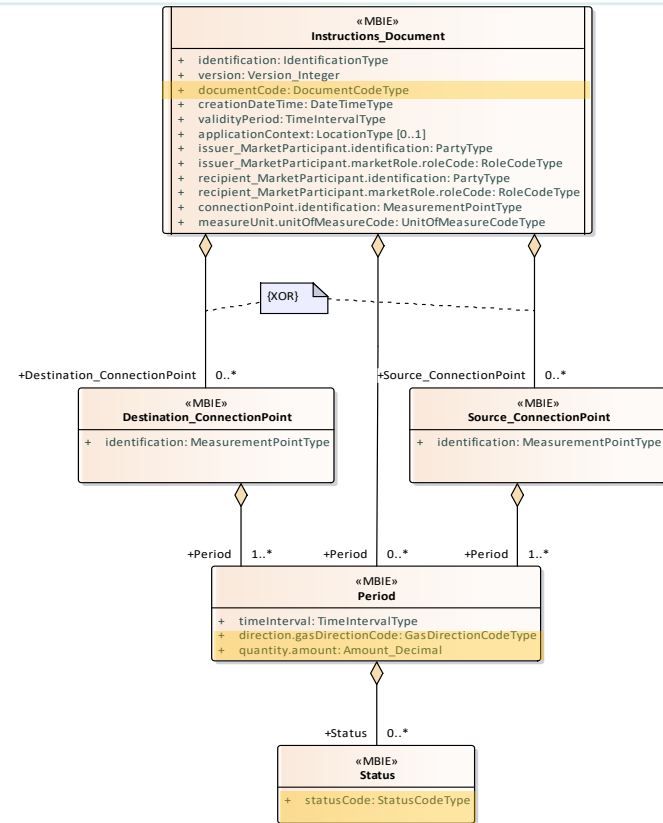
| Message | Description  |
|---------|--|
| INSTRN  | Facility instruction document                                |
| ACKNOW  | Acknowledgement document                                     |
| PUBLIC  | Publication document   |
| WETHER  | Weather gathering document                                   |
| FLOWRQ  | Gas flow requirement document (New in version 6)             |
| ACIREQ  | Account information request document (New in version 6)      |
| ACICON  | Account information confirmation document (New in version 6) |
| FACTOR  | Factoring transmission document (New in version 6)           |
| PROBLM  | Problem (New in version 6)                                   |
| GASDEC  | Moved from Gas Trading                                       |
| GASCON  | Moved to Gas Trading   |

# General – INSTRN

## Version 5



## Version 6



## General – INSTRN

| Attribute Changes   | Type    | Change                          |
|---------------------|---------|---------------------------------|
| contractReference   | Removed |                                 |
| contractType        | Removed |                                 |
| type (DocumentType) | Changed | documentCode (DocumentCodeType) |
| direction.code      | Changed | direction.gasDirectionCode      |
| QuantityType        | Changed | Amount_Decimal                  |
| code                | Changed | statusCode                      |

### Structural Changes

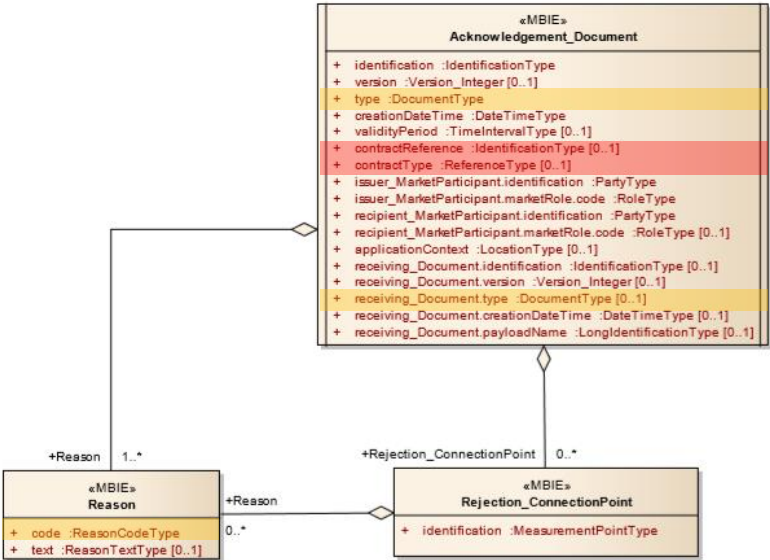
<None>

|   |                   |
|---|-------------------|
| <span style="background-color: #ffcccc; border: 1px solid #ffcccc; display: inline-block; width: 15px; height: 10px;"></span> | Attribute removed |
| <span style="background-color: #ffffcc; border: 1px solid #ffffcc; display: inline-block; width: 15px; height: 10px;"></span> | Attribute change  |
| <span style="background-color: #ccffff; border: 1px solid #ccffff; display: inline-block; width: 15px; height: 10px;"></span> | Structural change |

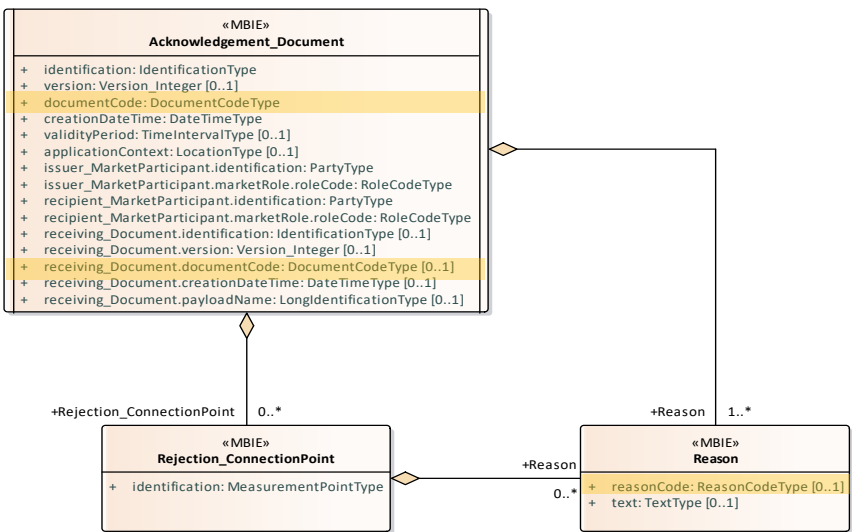
| Business Area             |
|---------------------------|
| 01 Capacity Allocation    |
| 02 Gas Trading            |
| 03 Nomination & Matching  |
| 04 Balancing & Settlement |
| 05 Remit & Transparency   |
| 06 General                |

# General – ACKNOW

Version 5



Version 6



## General – ACKNOW

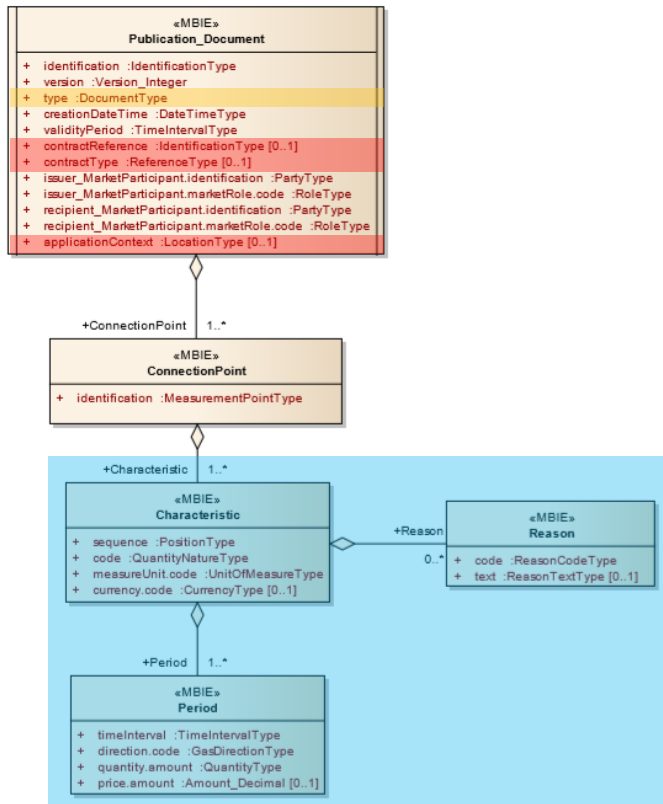
| Attribute Changes      | Type    | Change                          |
|------------------------|---------|---------------------------------|
| contractReference      | Removed |                                 |
| contractType           | Removed |                                 |
| type (DocumentType)    | Changed | documentCode (DocumentCodeType) |
| receivingDocument.type | Changed | receivingDocument.documentCode  |
| code                   | Changed | reasonCode                      |

### Structural Changes

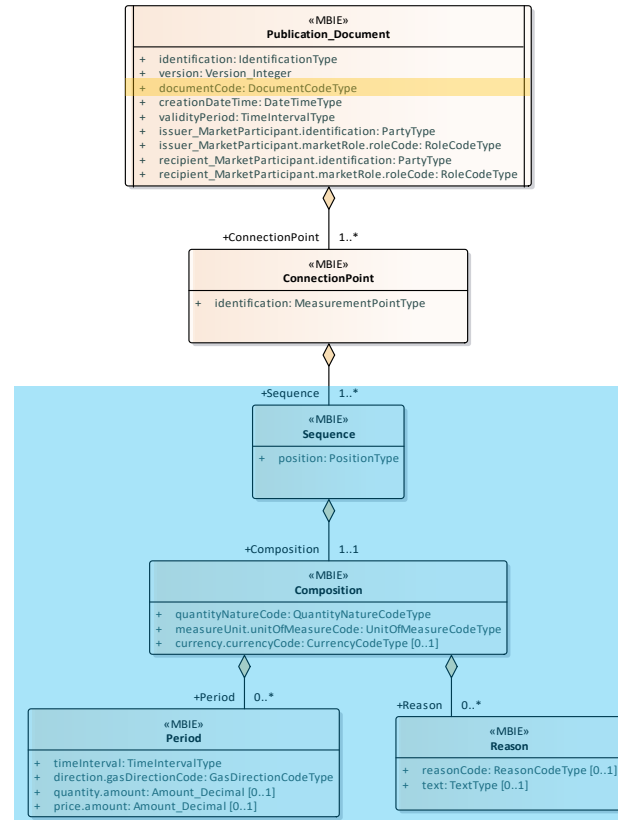
<None>

# General – PUBLIC

## Version 5



## Version 6



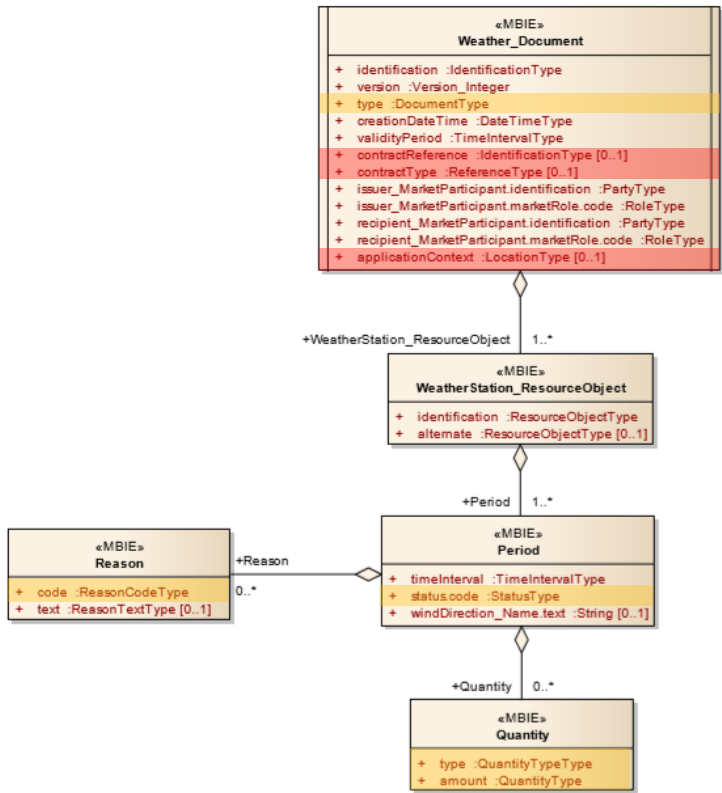


## General – PUBLIC

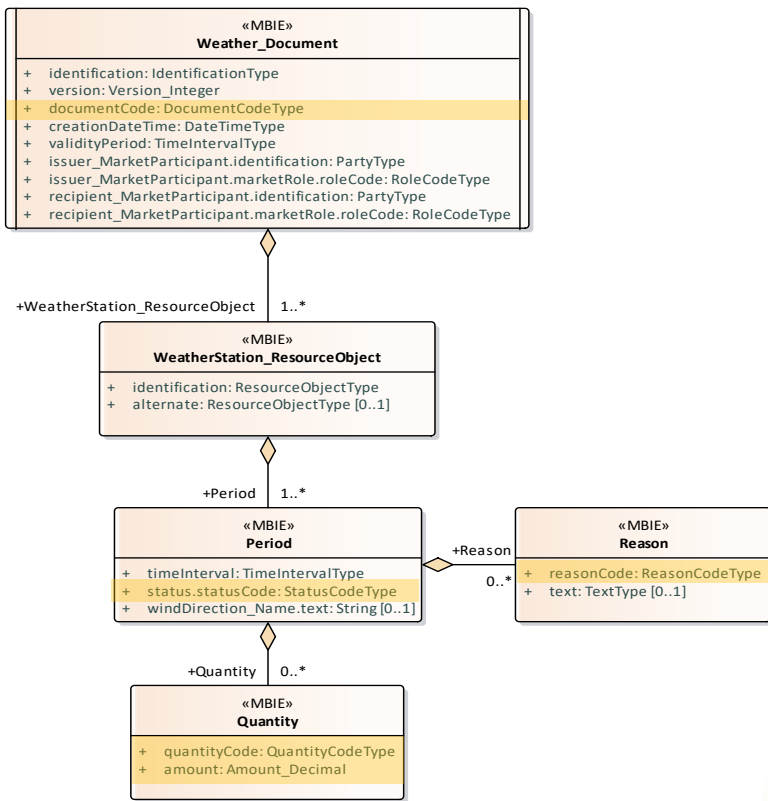
| Attribute Changes  | Type    | Change                          |
|--|---------|---------------------------------|
| contractReference  | Removed |                                 |
| contractType   | Removed |                                 |
| applicationContext   | Removed |                                 |
| type (DocumentType)  | Changed | documentCode (DocumentCodeType) |
| <b>Structural Changes</b>                                  |         |                                 |
| Mandatory sequence element introduced (1..*)               |         |                                 |
| Characteristics (1..*) class renamed to Composition (1..1) |         |                                 |

# General – WETHER

## Version 5



## Version 6



## General – WETHER

| Attribute Changes         | Type    | Change                          |
|---------------------------|---------|---------------------------------|
| contractReference         | Removed |                                 |
| contractType              | Removed |                                 |
| applicationContext        | Removed |                                 |
| type (DocumentType)       | Changed | documentCode (DocumentCodeType) |
| code                      | Changed | reasonCode                      |
| status.code               | Changed | status.statusCode               |
| QuantityType              | Changed | Amount_Decimal                  |
| Type (QuantityTypeType)   | Changed | quantityCode (QuantityCodeType) |
| <b>Structural Changes</b> |         |                                 |
| <None>                    |         |                                 |



*Troll A, Equinor by Oyvind Hagen*

## Thank you for your attention

For more information:

[www.easee-gas.eu](http://www.easee-gas.eu)

