

Balance Responsible Party Nomination

Model Documentation



The European message format for the gas market

Version 6.1

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Model Detail

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1 Document usage decision tables

The following decision tables provide a summary of the message requirements depending on the type of message:

1.1 Nomination Authorisation Document

Nomination Authorisation Document	Nomination Authorisation Request
identification	Mandatory. For NOMAUT a new and unique identification must be present for every new NOMAUT message.
version	Mandatory. The version shall always be equal to 1.
documentCode	ANN = Nomination authorisation request.
creationDateTime	Mandatory.
issuer_MarketParticipant.identification	Mandatory. codingScheme = 305 (EIC Party X code).
issuer_MarketParticipant.marketRole.roleCode	ZSH = Balance Responsible Party.
recipient_MarketParticipant.identification	Mandatory. codingScheme = 305 (EIC Party X code)
recipient_MarketParticipant.marketRole.roleCode	ZSO = System Operator.
validityPeriod	Mandatory.
Passive_MarketParticipant.identification	Mandatory. The market participant that accepts the nomination submissions to be handled by another party; codingScheme = 305 (EIC Party X code)
Passive_Account.internalAccount	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator)
Passive_Account.internalAccountTso	May be used. The System Operator that assigned the internal account if the identification is ambiguous; codingScheme = 305 (EIC Party X code).
connectionPoint.identification	Mandatory; codingScheme = 305 (EIC Measurement Point Z or Y code) or ZSO (System Operator).
Active_Account.active_MarketParticipant.identification	Mandatory. The party that may make single-sided submissions on the passive Balance Responsible Party's behalf; codingScheme = 305 (EIC Party X code).
Active_Account.external_Account.externalAccount	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator)
Active_Account.external_Account.externalAccountTso	May be used; codingScheme = 305 (EIC Party X code).
Active_Account.period.timeInterval	Mandatory. Period of validity where the party may make single-sided submissions.

109 **1.2 Nomination Document**

Nomination document	Connection Point	VTP OTC	VTP exchange	Non matching nomination
identification	Mandatory.			
version	Mandatory.			
documentCode	01G = Nomination.	02G = VTP OTC nomination.	03G = VTP exchange nomination.	04G = Non matching nomination.
creationDateTime	Mandatory.			
validityPeriod	Mandatory.			
applicationContext	May be used. Deprecated attribute which will be removed in the next version of Edig@s.			
issuer_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code).			
issuer_MarketParticipant.marketRole.roleCode	ZSH = Balance Responsible Party.	ZSH = Balance Responsible Party.	ZUM = Clearing Responsible	ZSH = Balance Responsible Party.
recipient_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code).			
recipient_MarketParticipant.marketRole.roleCode	ZSO = System Operator.	ZUK = Area Coordinator.	ZUK = Area Coordinator.	ZSO = System Operator.
Internal_Account.internalAccount	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator).			
Internal_Account.internalAccountTso	Used if the account identification is ambiguous; codingScheme = 305 (EIC Party X code).			
connectionPoint.identification	Mandatory; codingScheme = 305 (EIC Measurement Point Z or Y code) or ZSO (System Operator).			
ConnectionPoint.measureUnit.unitOfMeasureCode	KW1 = Kilowatt-hour per hour (kWh/h). KW2 = Kilowatt-hour per day (kWh/d). A15 = Kilogram per hour (Kg/h)			
NominationType.nominationCode	A01 = Single sided. A02 = Double sided.	A02 = Double sided.	Not used.	Not used.

Nomination document	Connection Point	VTP OTC	VTP exchange	Non matching nomination
External_Account.externalAccount	Mandatory codingScheme = 305 (EIC Account Y code) or ZSO (System Operator).	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator).	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator).	Not used.
External_Account.externalAccountTso	Used if the account identification is ambiguous; codingScheme = 305 (EIC Party X code)	Used if the account identification is ambiguous; codingScheme = 305 (EIC Party X code).	Used if the account identification is ambiguous; codingScheme = 305 EIC Party (X code).	Not used.
Period.timeInterval	Mandatory. There may be multiple intervals to cover for example the hours in the gas day.			
Period.direction.gasDirectionCode	Z02 = Input quantity Z03 = Output quantity			
Period.quantity.amount	Mandatory.			
Period.priority_Status.statusCode	May be used. codes starting from 30G on where the name corresponds to “Interruptible priority xx” and XX equals the interruptible priority number.	Not used	Not used	Not used
Decomposition_Quantity.amount	May be used. Note: This is only used whenever the quantities nominated have to be distributed by type of contract to which they are being nominated. This is used only in the case where local market rules require it and is restricted to LNG Connection Points (see description).	Not used.	Not used.	Not used.

Nomination document	Connection Point	VTP OTC	VTP exchange	Non matching nomination
Decomposition_Quantity .quantityCode	ZXD = Firm. ZXE = Makeup. ZXF = Interruptible. ZXG = Conditional. Note: This is only used whenever the quantities nominated have to be distributed by type of contract to which they are being nominated. This is used only in the case where local market rules require it and is restricted to LNG Connection Points (see description).	Not used	Not used.	Not used.

111 1.3 Nomination Response Document

Nomination Response	Connection Point	VTP OTC	VTP exchange	Non matching nomination
identification	Mandatory.			
version	Mandatory.			
applicationContext	May be used. Deprecated attribute which will be removed in the next version of Edig@s.			
documentCode	08G = Confirmation notice. AND = Interruption notice.	08G = Confirmation notice.	08G = Confirmation notice.	08G = Confirmation notice.
creationDateTime	Mandatory.			
issuer_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code).			
issuer_MarketParticipant.marketRole.roleCode	ZSO = System Operator.	ZUK = Area Coordinator.	ZUK = Area Coordinator.	ZSO = System Operator.
recipient_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code).			
recipient_MarketParticipant.marketRole.roleCode	ZSH = Balance Responsible Party.	ZSH= Balancing Responsible Party.	ZUM = Clearing Responsible	ZSH = Balance Responsible Party.
validityPeriod	Mandatory.			
nomination_Document.identification	Mandatory with the nomination identification if provided. If not provided this identification should have the text "MISSING". .			
Nomination_Document.version	Mandatory with the nomination version. If the identification have the text "MISSING" this shall always have the value 1.			
Nomination_Document.documentCode	01G = Nomination.	02G = VTP OTC nomination	03G = VTP exchange nomination.	04G = Non matching nomination.
Nomination_Document.singleSidedBrpSource_MarketParticipant.identification	codingScheme = 305 (EIC Party X code). The identification of the active Balance Responsible Party that submitted a single sided nomination to the System Operator. This is only	Not used.		

Nomination Response	Connection Point	VTP OTC	VTP exchange	Non matching nomination
	used to inform the passive Balance Responsible Party of the nomination submitted. Otherwise this information is not provided.			
Internal_Account.internalAccount	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator).	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator).	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator).	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator).
Internal_Account.internalAccountTso	Used if the account identification is ambiguous; codingScheme = 305 (EIC Party X code).	Used if the account identification is ambiguous; codingScheme = 305 (EIC Party X code).	Used if the account identification is ambiguous; codingScheme = 305 (EIC Party X code).	Used if the account identification is ambiguous; codingScheme = 305 (EIC Party X code).
connectionPoint.identification	Mandatory; codingScheme = 305 (EIC Measurement Point Z or Y code) or ZSO (System Operator).			
ConnectionPoint.measureUnit.unitOfMeasureCode	KW1 = Kilowatt-hour per hour (kWh/h). KW2 = Kilowatt-hour per day (kWh/d). A15 = Kilogram per hour (Kg/h)			
NominationType.nominationCode	A01 = Single-sided. A02 = Double-sided.	A02 = Double sided.	Not used.	Not used.
External_Account.externalAccount	Mandatory; codingScheme = 305 (EIC Account Y code) or ZSO (System Operator).			Not used.

Nomination Response	Connection Point	VTP OTC	VTP exchange	Non matching nomination
External_Account.externalAccountTso	Used if the account identification is ambiguous; codingScheme = 305 (EIC Party X code) .			Not used.
InformationOrigin_Timeseries.businessCode	<p>Mandatory, all of the following codes should be provided.</p> <p>14G = Processed by System Operator.</p> <p>15G = Processed by adjacent System Operator (the direction shall always be that submitted by the counter party). (NOTE: Not used in an Interruption Notice)</p> <p>16G = Confirmed. (NOTE: Not used in an Interruption Notice)</p> <p>18G = Counterpart nomination. The original counterpart Balance Responsible Party nomination that was submitted to the neighboring System Operator (the direction shall always be that submitted by the counter party) (NOTE: Not used in an Interruption Notice)</p>	<p>Mandatory, all of the following codes should be provided.</p> <p>16G = Confirmed.</p> <p>18G = The original counterpart Balance Responsible Party nomination that was submitted to the Area Coordinator (the direction shall always be that submitted by the counter party)</p> <p>18G is mandatory in NOMRES when the Area Coordinator received the nomination from the counterpart Balance Responsible Party.</p>	16G = Confirmed.	16G = Confirmed.

Nomination Response	Connection Point	VTP OTC	VTP exchange	Non matching nomination
Period.timeInterval	Mandatory			
Period.direction.gasDirectionCode	Z02 = Input. Z03 = Output			
Period.quantity.amount	Mandatory.			
Status.statusCode	May be used if necessary to provide the information on the status: 06G = Mismatch. 07G = Interrupted. 08G = Interrupted firm. 09G = Quality deficient. 10G = Reduced Capacity. 11G = Below 100%. 12G = Settled. 13G = Unchanged settled. 14G = No counter nomination. 35G = Counter Party Prevailed. 36G = No Match counter party prevailed. 37G = Reduced Nominated Quantity. 67G = Market imbalance constraint curtailment. 72G = Reduced to the level of booked capacity. 73G = Overnomination not possible. 74G = Interruptible conditionally firm.			
Status.complementaryText	May be used to qualify a status with additional information.			
Decomposition_Quantity.amount	May be used Note: This is only used whenever the quantities nominated have to be distributed by type of contract to which they are being nominated. This is used only in the case where local market rules require it	Not used.	Not used.	Not used.

Nomination Response	Connection Point	VTP OTC	VTP exchange	Non matching nomination
	and is restricted to LNG Connection Points (see description). (See Nomination description for details)			
Decomposition_Quantity. quantityCode	ZXD = Firm. ZXE = Makeup. ZXF = Interruptible. ZXG = Conditional. Note: This is only used whenever the quantities nominated have to be distributed by type of contract to which they are being nominated. This is used only in the case where local market rules require it and is restricted to LNG Connection Points (see description). (See Nomination description for details)	Not used.	Not used.	Not used.

2 BRP Nomination and Matching

2.1 Business Processes

2.1.1 Balance Responsible Party Nomination Use Case

The nomination and matching use case in figure 1 shows the general use case found within the nomination and matching process.

An optional use case concerns the provision by a Balance Responsible Party (termed a passive Balance Responsible Party) of a single-sided nomination authorisation by another Balance Responsible Party. This enables the passive Balance Responsible Party to not have to send nominations to the local System Operator.

The nomination of quantities has three specific use cases:

1. Nomination.
2. The matching of all nominated quantities (described in the System Operator nomination process).
3. The provision of the matching results with any rectifications that have been imposed by the System Operators.

Many actors may be involved in the nomination and matching process. These actors have been generalised into either a System Operator for the management of the network or a Balance Responsible Party for the various Traders that operate within the network.

The System Operator role covers:

1. Transmission System Operator
2. Storage System Operator.
3. LNG Operator.
4. Area Coordinator.
5. Distribution System Operator.

and

The Balance Responsible Party role covers:

1. Registered Network User
2. Shipper

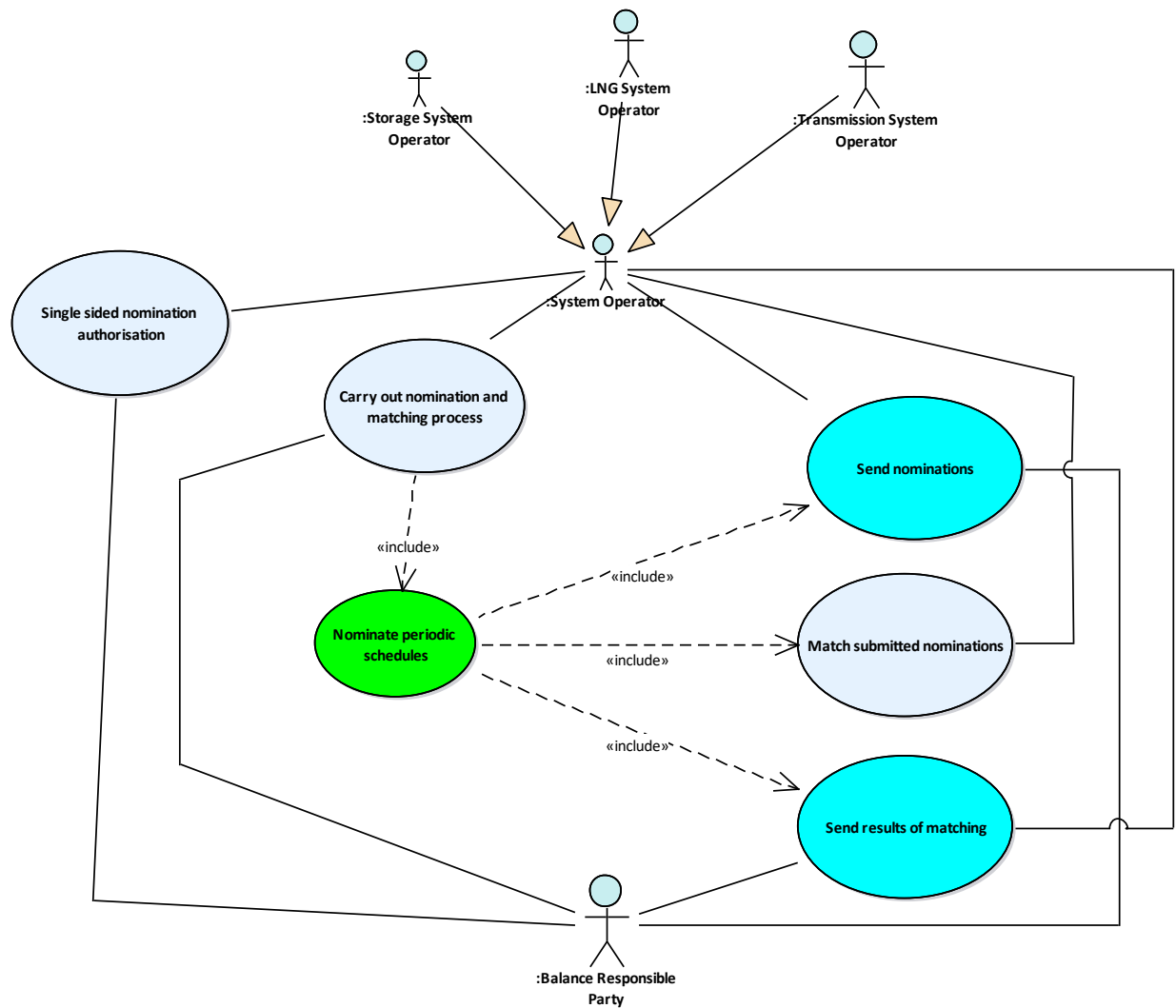


Figure: 1 Balance Responsible Party nomination and matching

2.1.2 Nomination sequence diagram

There are two types of nomination submission:

1. A “double-sided” nomination, which is the general case, where each Balance Responsible Party submits independently its nomination.
2. A “single-sided” nomination, which is optional, where a Balance Responsible Party submits the nomination on behalf of both parties.

If a single-sided nomination is envisaged then prior to any nominations a passive Balance Responsible Party shall inform the local System Operator of the Balance Responsible Party(s) that will be providing the single-sided nominations. In case this exchange does not take place, the matching process defaults to double-sided nominations.

In the nomination of gas to be exchanged between System Operator borders (figure 2) for a given period the Balance Responsible Party(s) may submit nominations, modify nominations or rectify any anomalies to the System Operators. If a nomination document remains unchanged no resubmission is necessary.

Once the Balance Responsible Party nomination has been successfully matched a confirmation notice is transmitted by the System Operator to provide the finalised schedules.

This Flow contains four time series:

1. The confirmed nomination of the Balance Responsible Party (Business Code = 16G);
2. The processed nomination by the adjacent System Operator (Business Code = 15G);
3. The processed nomination by the local System Operator (Business Code = 14G);
4. The original counterpart Balance Responsible Party nomination that was submitted to the neighbouring System Operator (Business Code = 18G).

In the case there is no 12G info for an account pair in the received DELORD/DELRES message the NOMRES to the BRP must contain 0 values for the account pair.

The hours which do not have 12G information must have 0 values (or another default value) added in the NOMRES message. All received hours will be taken over from the DELORD/DELRES.

Note 1: The System Operator that receives a single-sided nomination retransmits the nominations received to the adjacent System Operator to enable processing on the other side.

Note 2: The first time in a cycle that a System Operator has to carry out an interruption, an interruption notice is sent to the Balance Responsible Party for information. The Balance Responsible Party is not informed of any other interruptions that occur within the cycle.

Note 3: The System Operator on reception of a nomination document shall transmit an acknowledgement document to inform the Balance Responsible Party of the nomination’s reception.

Note 4: Once the System Operator has successfully processed and matched the Balance Responsible Party nomination a confirmation is transmitted to the Balance Responsible Party.

Note 5: The System Operator will make use of the last nomination document received for a given validity period (highest version) from the Balance Responsible Party for matching.

Note 6: The nomination deadline should be taken into account for all business codes in the nomination messages.

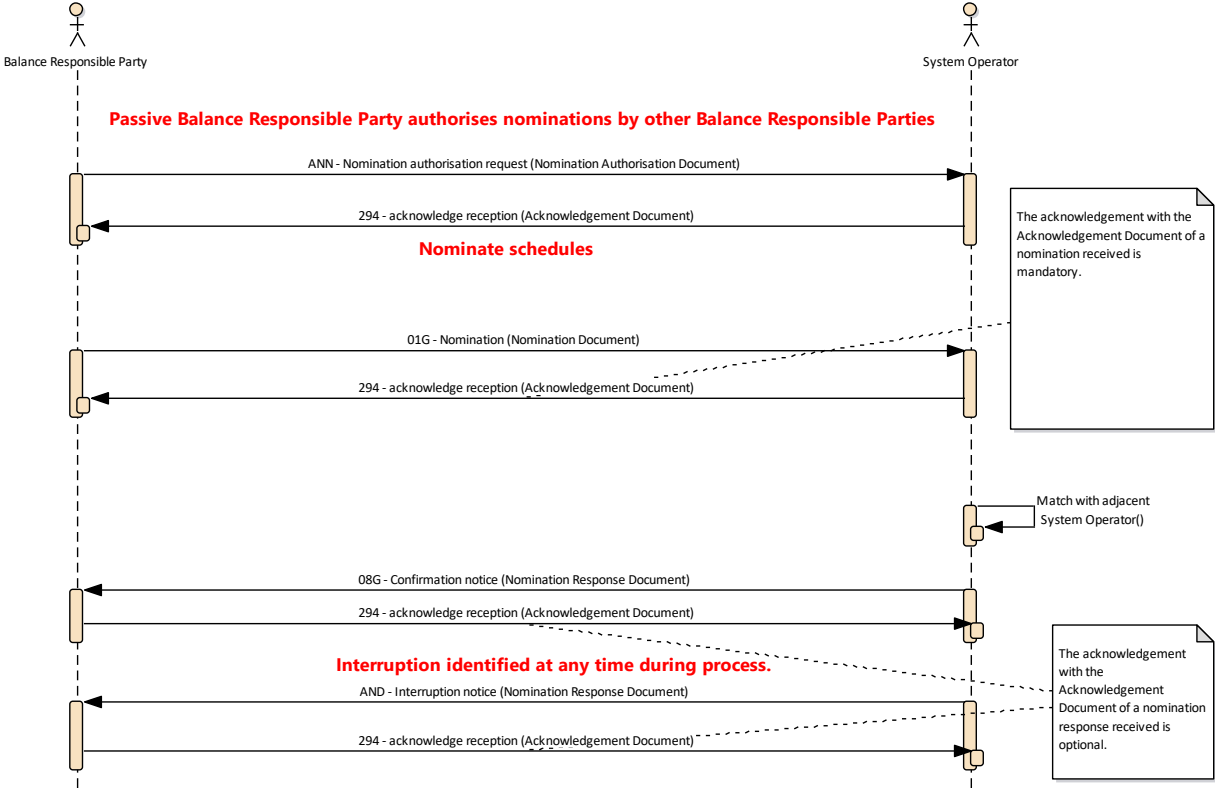


Figure: 2 Nomination sequence

182
183
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2.1.3 VTP OTC nomination sequence diagram

The second type of nomination (figure 3) concerns a Virtual Trading Point Over The Counter (VTP OTC) nomination. In the first and following cycles the Balance Responsible Party's nominates the results of OTC transaction (bilateral trades) to the Area Coordinator. The Area Coordinator will validate the Balance Responsible Party nominations for system related issues. In the case of any anomalies the System Operator applies predefined rules to align the nominations in question. The Balance Responsible Party's are then informed of the confirmed nominations. The Confirmation Notice contains two time series, one with the confirmed nomination (16G) and one with the initial submitted nomination of the counter party (18G).

Note: A VTP OTC (document code 02G) nomination from a Balance Responsible Party should not be rejected when it contains account pairs that include external accounts from a Clearing Responsible.

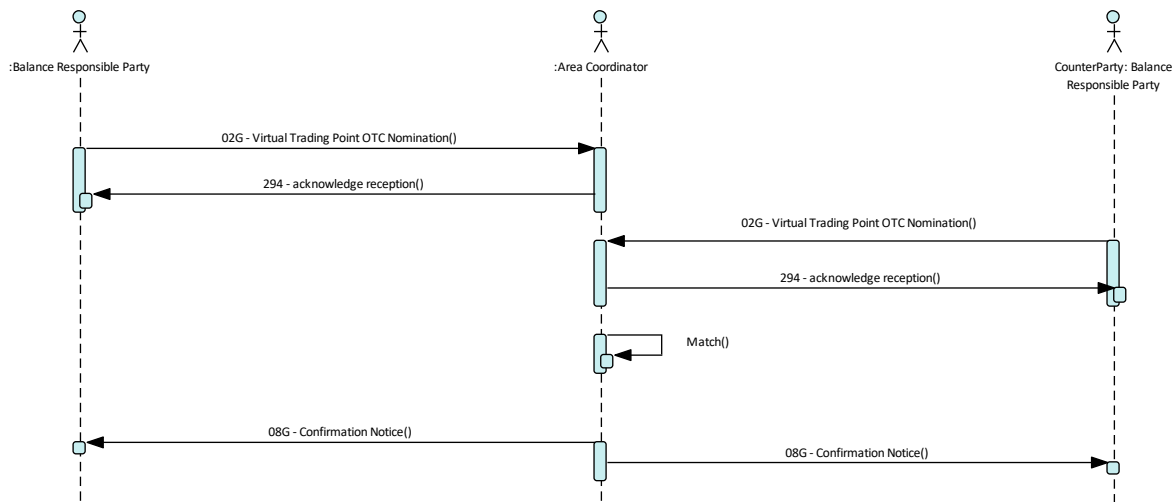


Figure: 3 Virtual Trading Point OTC nomination

2.1.4 VTP Exchange nomination

The third type of nomination (figure 4) concerns a VTP exchange nomination.

The Clearing Responsible submits nomination to Area Coordinator on behalf of and in the name of BRPs that executed transactions in respect of the purchase or sale at the VTP exchange. The Area Coordinator will validate the Clearing Responsible nominations. The Clearing Responsible is then informed of the confirmed nomination. The Confirmation Notice contains only one time series with the confirmed nomination (16G).

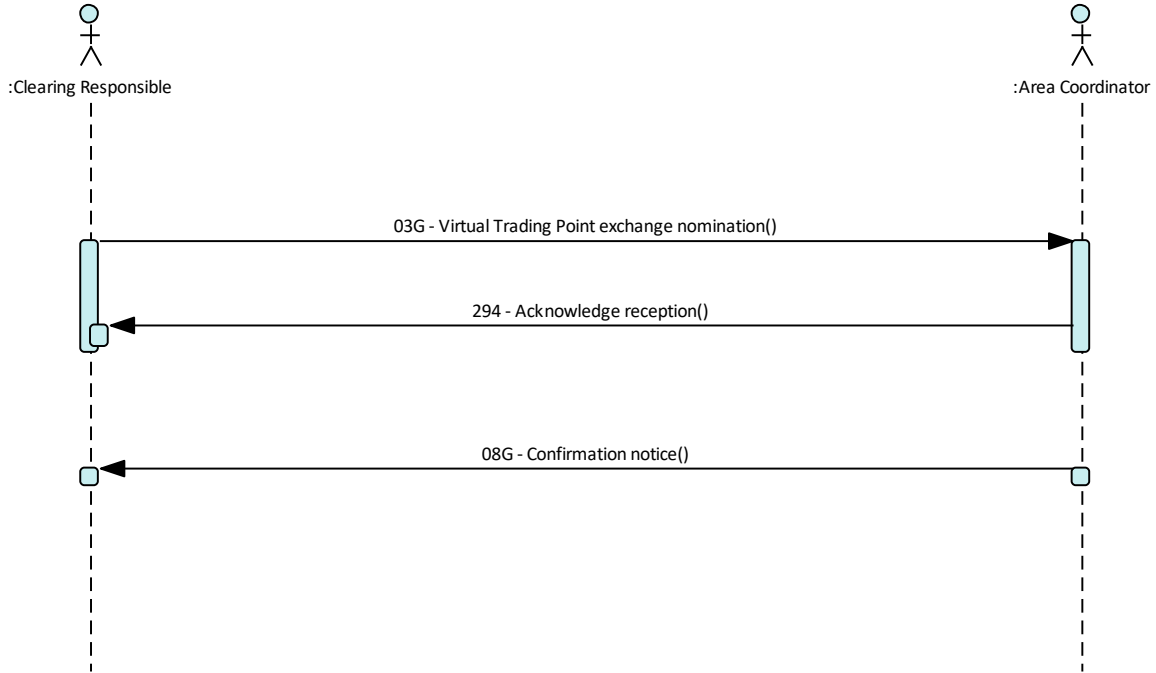


Figure: 4 VTP Exchange nomination sequence diagram

2.1.5 Nomination of non-matching nomination schedules

The fourth type of nomination (figure 5) concerns a Non-matching nomination. This concerns i.e end-user nominations where there is no matching to be done.

In the first and following cycles the System Operator receives nominations from its Balance Responsible Party's. The System Operator will validate the Balance Responsible Party nominations for system related issues. In the case of any anomalies the System Operator applies predefined rules to align the nominations in question. The Balance Responsible Party's are then informed of the confirmed quantities. The Confirmation Notice contains one time series: the confirmed quantities of the Balance Responsible Party (16G).

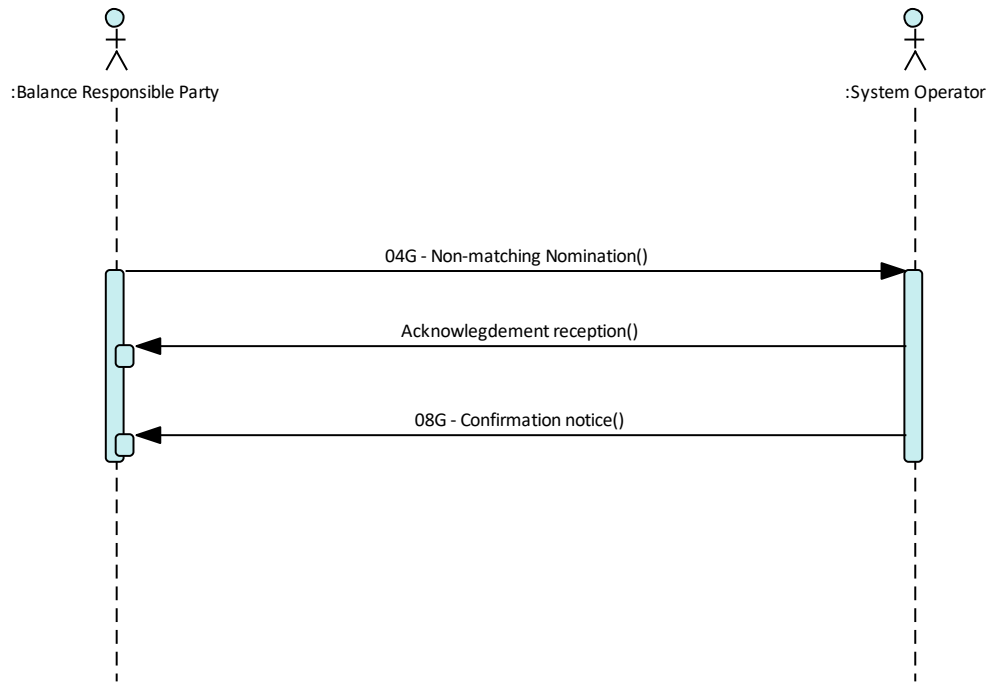


Figure: 5 Non-matching nomination sequence diagram

2.1.6 Nomination submission workflow

There are 3 phases in the nomination submission workflow:

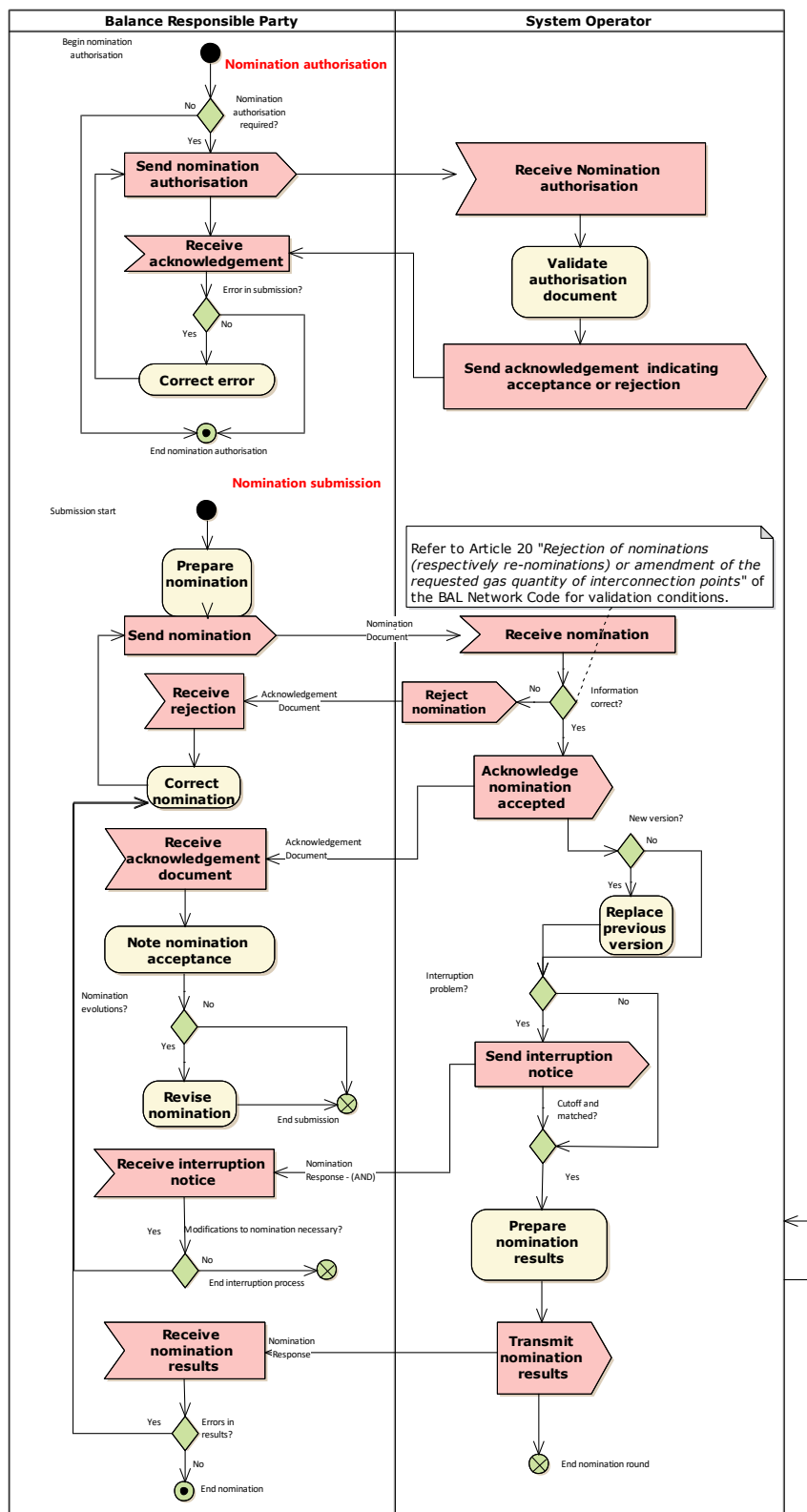
1. The first phase, which is optional, concerns the transmission by a passive Balance Responsible Party to the local System Operator of the authorisation for the nominations to be transmitted by an active Balance Responsible Party.
2. The second phase concerns the submission of nominations to the local System Operator. This phase is the essential part of the nomination process.
3. The third phase, which does not have to occur, concerns the transmission of an interruption notice by the System Operator. This notice is only transmitted once in the nomination/renomination cycle. Any further interruptions during the nomination/ renomination cycle are not reported. It can occur that it doesn't represent the final processed quantity that is used in matching process.

This workflow is focused on the second phase.

The nomination process begins with the transmission by each approved Balance Responsible Party of its nomination to the System Operator where they are registered.

The nomination submission is immediately acknowledged indicating its full or partial acceptance prior to processing or eventually its rejection.

Once the matching process has been completed, the System Operator transmits a confirmation notice to the Balance Responsible Party confirming the content of the nomination that has been accepted by both System Operators.

Figure: 6 Nomination workflow

2.2 Nomination Authorisation Document (NOMAUT)

2.2.1 Nomination Authorisation Document Contextual Model

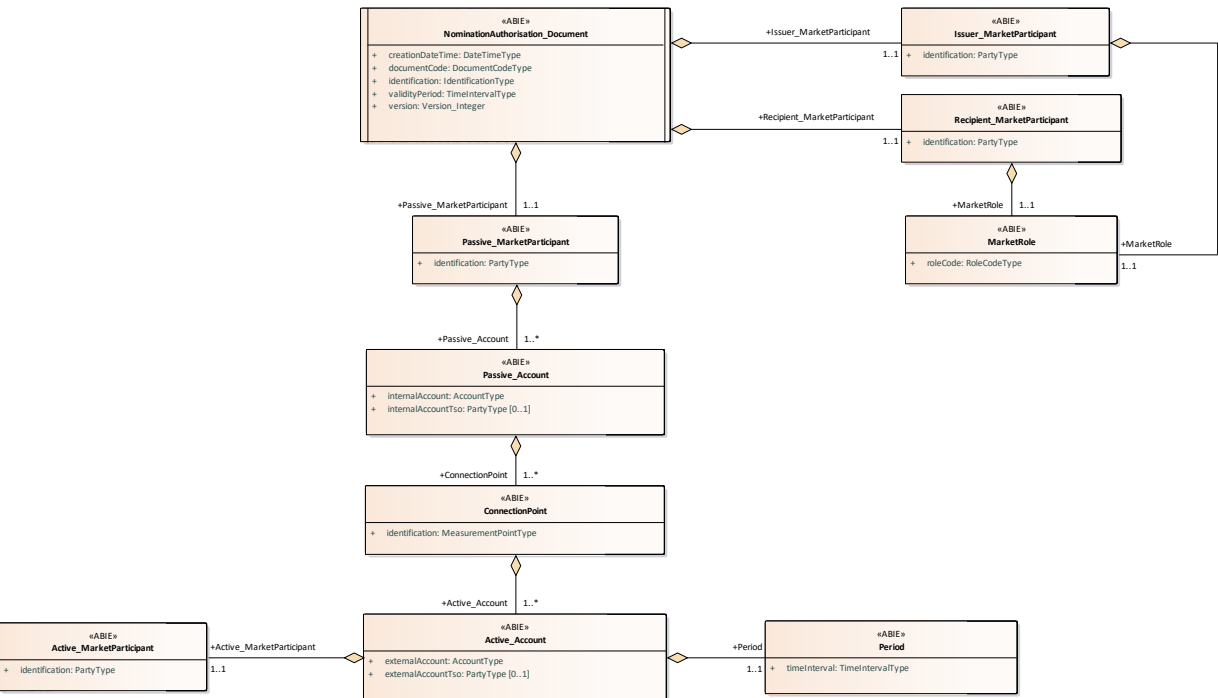


Figure: 7 Nomination Authorisation Document Contextual Model

2.2.2 Nomination Authorisation Document Assembly Model

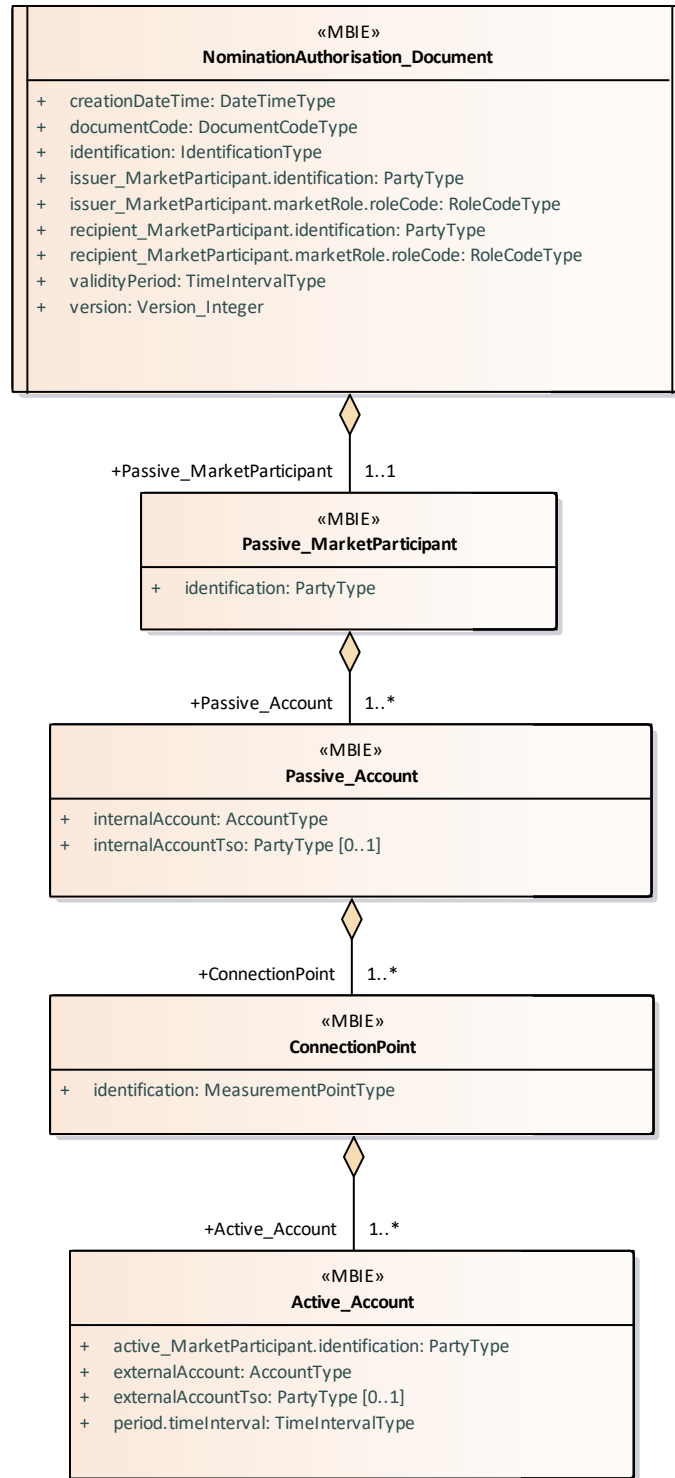


Figure: 8 Nomination Authorisation Document Assembly Model

2.2.2.1 NominationAuthorisation_Document

This class provides the basic information needed to describe most electronic documents.

2.2.2.1.1 Attributes

Attribute	Description	Multiplicity
creationDateTime	Date and time of the creation of the current document expressed in UTC.	
documentCode	Coded representation of the type of the electronic document. (Refer to Edig@s DocumentCodeTypeCodeList for the list of valid codes).	
identification	A unique identification of a document that is assigned by the issuer. This identifies the document being reported.	
issuer_MarketParticipant.identification	The identification of the party participating in the market. --- The Issuer of the document.	
issuer_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. (Refer to Edig@s RoleCodeTypeCodeList for the list of valid codes) --- The Issuer of the document. --- The role of the Issuer of the document.	
recipient_MarketParticipant.identification	The identification of the party participating in the market. --- The Recipient of the document.	
recipient_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. (Refer to Edig@s RoleCodeTypeCodeList for the list of valid codes) --- The Recipient of the document. --- The role of the Recipient of the document.	
validityPeriod	The start and end date and time expressed in UTC of the period of validity covered in the document.	
version	Version of the document being sent.	

2.2.2.2 Passive_MarketParticipant

A party participating in the market.

The Balance Responsible Party whose nominations will be submitted by an authorised Balance Responsible Party on its behalf.

2.2.2.2.1 Attributes

Attribute	Description	Multiplicity
identification	The identification of the party participating in the market.	

2.2.2.3 Passive_Account

An account used in a transaction.

The account belonging to a passive Market Participant.

2.2.2.3.1 Attributes

Attribute	Description	Multiplicity
internalAccount	The identification of an account for a local TSO.	
internalAccountTso	The identification of the TSO that has assigned the internal account.	[0..1]

2.2.2.4 ConnectionPoint

An interconnection point, whether it is physical or virtual, between two or more Member States as well as interconnections between adjacent entry-exit-systems within the same Member States.

2.2.2.4.1 Attributes

Attribute	Description	Multiplicity
identification	The identification of a connection point.	

2.2.2.5 Active_Account

The identification of the counterpart account that operates in another TSO area.

2.2.2.5.1 Attributes

Attribute	Description	Multiplicity
active_MarketParticipant.identification	The identification of the party participating in the market. --- The Balance Responsible Party that may submit nominations on a passive Balance Responsible Party's behalf.	
externalAccount	The identification of the counterpart account that operates in another TSO area.	
externalAccountTso	The identification of the TSO that has assigned the external account.	[0..1]
period.timeInterval	The start and end date and time for the period. The time is expressed in UTC. --- The time interval for which the active account is authorised for single sided nomination.	

2.3.1 Nomination Document Contextual Model



2.3.2 Nomination Document Assembly Model

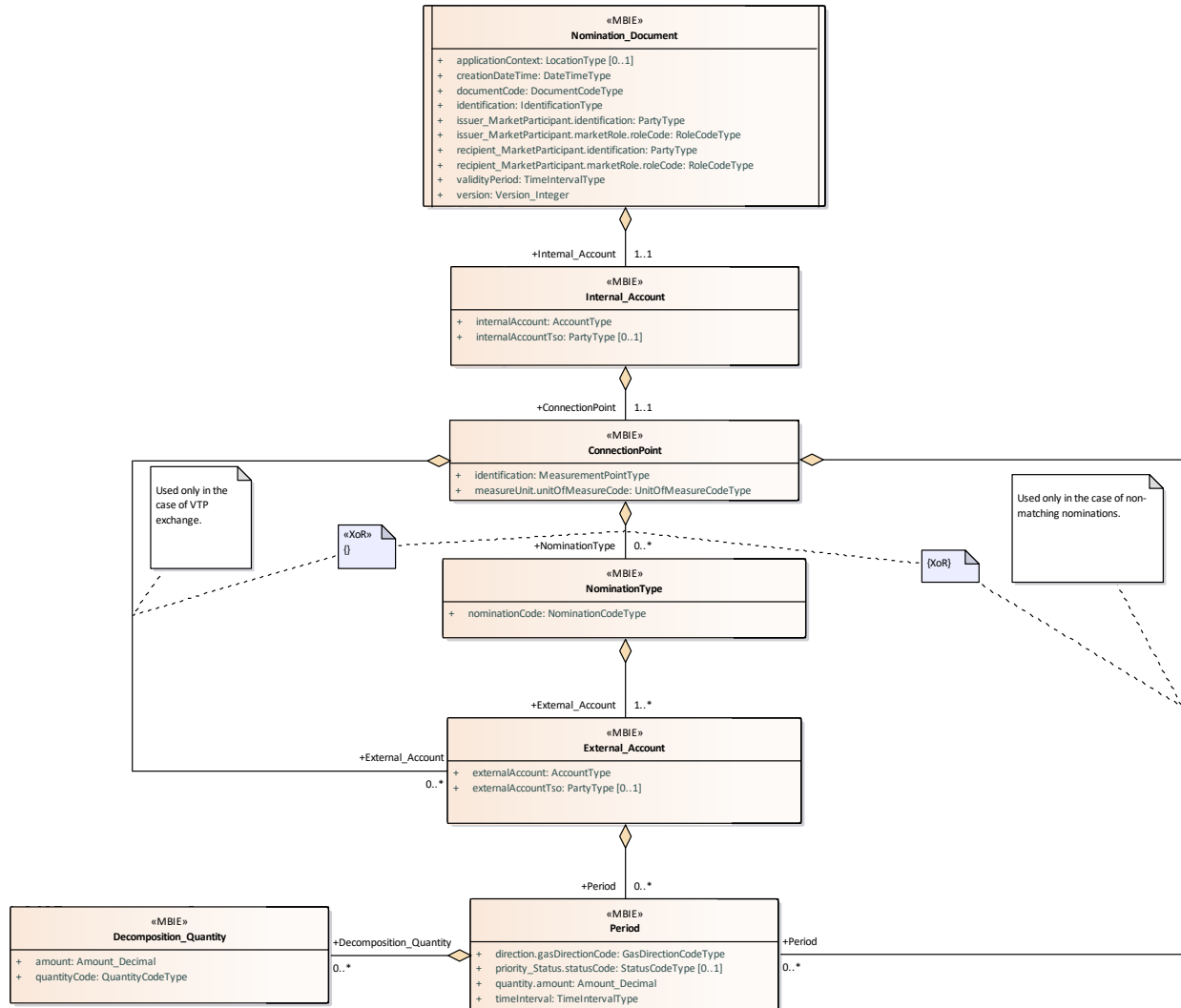


Figure: 10 **Nomination Document Assembly Model**

2.3.2.1 Nomination_Document

This class provides the basic information needed to describe most electronic documents, please see basic ground rules document section 2.3 for further information.

2.3.2.1.1 Attributes

Attribute	Description	Multiplicity
applicationContext	The application context is used to identify a particular context (a location identification, an application identification, etc.) that is relevant to the recipient of the document.	[0..1]
creationDateTime	Date and time of the creation of the current document expressed in UTC.	
documentCode	Coded representation of the type of the electronic document. (Refer to the Edig@s DocumentCodeTypeCodeList for the list of valid codes).	

Attribute	Description	Multiplicity
identification	A unique identification of a document that is assigned by the issuer. This identifies the document being reported.	
issuer_MarketParticipant.identification	Identification of the party that issued the document. --- The Issuer of the document.	
issuer_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. (Refer to the Edig@s RoleCodeTypeCodeList for the list of valid codes). --- The Issuer of the document. --- The role of the Issuer of the document.	
recipient_MarketParticipant.identification	The identification of the party that received the document. --- The Recipient of the document.	
recipient_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. (Refer to the Edig@s RoleCodeTypeCodeList for the list of valid codes). --- The Recipient of the document. --- The role of the Recipient of the document.	
validityPeriod	The start and end date and time expressed in UTC of the period of validity covered in the document.	
version	Version of the document being sent.	

2.3.2.2 Internal_Account

The account of a Balance Responsible Party for which a nomination is being declared.
There may only be one internal account per nomination.

2.3.2.2.1 Attributes

Attribute	Description	Multiplicity
internalAccount	The identification of an account that has been assigned to a Balance Responsible Party by the System Operator where the party has been registered	
internalAccountTso	The identification of the TSO that assigned the internal account	[0..1]

2.3.2.3 ConnectionPoint

An interconnection point, whether it is physical or virtual, between two or more Member States as well as interconnections between adjacent entry-exit-systems within the same Member States.

2.3.2.3.1 Attributes

Attribute	Description	Multiplicity
identification	The identification of a connection point.	
measureUnit.unitOfMeasureCode	The coded representation of a unit of measure using the UN/CEFACT Recommendation 20 common codes. (Refer to the Edig@s UnitOfMeasureCodeTypeCodeList for the list of valid codes).	

2.3.2.4 NominationType

The identification of how a nomination is carried out.

2.3.2.4.1 Attributes

Attribute	Description	Multiplicity
nominationCode	A code indicating how a nomination is carried out (i.e. single-sided or double-sided).	

Attribute	Description	Multiplicity
	(Refer to the Edig@s NominationCodeTypeCodeList for the list of valid codes).	

2.3.2.5 External_Account

The account of the neighbouring Balance Responsible Party associated with a nomination type. There may be multiple accounts associated with a nomination type.

2.3.2.5.1 Attributes

Attribute	Description	Multiplicity
externalAccount	The identification of the counterpart account that operates in another TSO area.	
externalAccountTso	The identification of the TSO that assigned the External Account.	[0..1]

2.3.2.6 Period

The period that the dependent information is for.

2.3.2.6.1 Attributes

Attribute	Description	Multiplicity
direction.gasDirectionCode	A code identifying the direction of a gas flow. (Refer to the Edig@s GasDirectionCodeTypeCodeList for the list of valid codes).	
priority_Status.statusCode	A code indicating the priority of a nomination for a given period. --- It allows a BRP to manage the order in which its nominations should be reduced when specific market rules apply.	[0..1]
quantity.amount	The amount of a quantity. --- The quantity nominated for a given period.	
timeInterval	The start and end date and time for the period. The time is expressed in UTC.	

2.3.2.7 Decomposition_Quantity

The quantity of an object.

The decomposition of the nomination quantity into different parts.

The sum of the quantities in the Decomposition_Quantity class instances must correspond to the total quantity that is being nominated in the Period class.

The unit of measure must be identical to the unit of measure identified in the Connection Point class.

The direction must be identical to the direction identified in the Period class.

A Decomposition_Quantity class is only used whenever the quantities nominated have to be distributed by type of contract to which they are being nominated. This is used only in the case where local market rules require it and is restricted to LNG Connection Points.

2.3.2.7.1 Attributes

Attribute	Description	Multiplicity
amount	The amount of a quantity.	
quantityCode	A code defining the type of a quantity. (Refer to the Edig@s QuantityCodeTypeCodeList for the list of valid codes).	

3 Nomination Response Document (NOMRES)

3.1 Nomination Response Document Contextual Model

The nomination response document is used to provide a reply to a given nomination document. It can be used in two contexts:

1. To indicate that an interruption has occurred between the submission of the first nomination and the second.
2. To provide a confirmation notice informing the Business Responsible Party the contents of the submitted nomination that has been accepted.

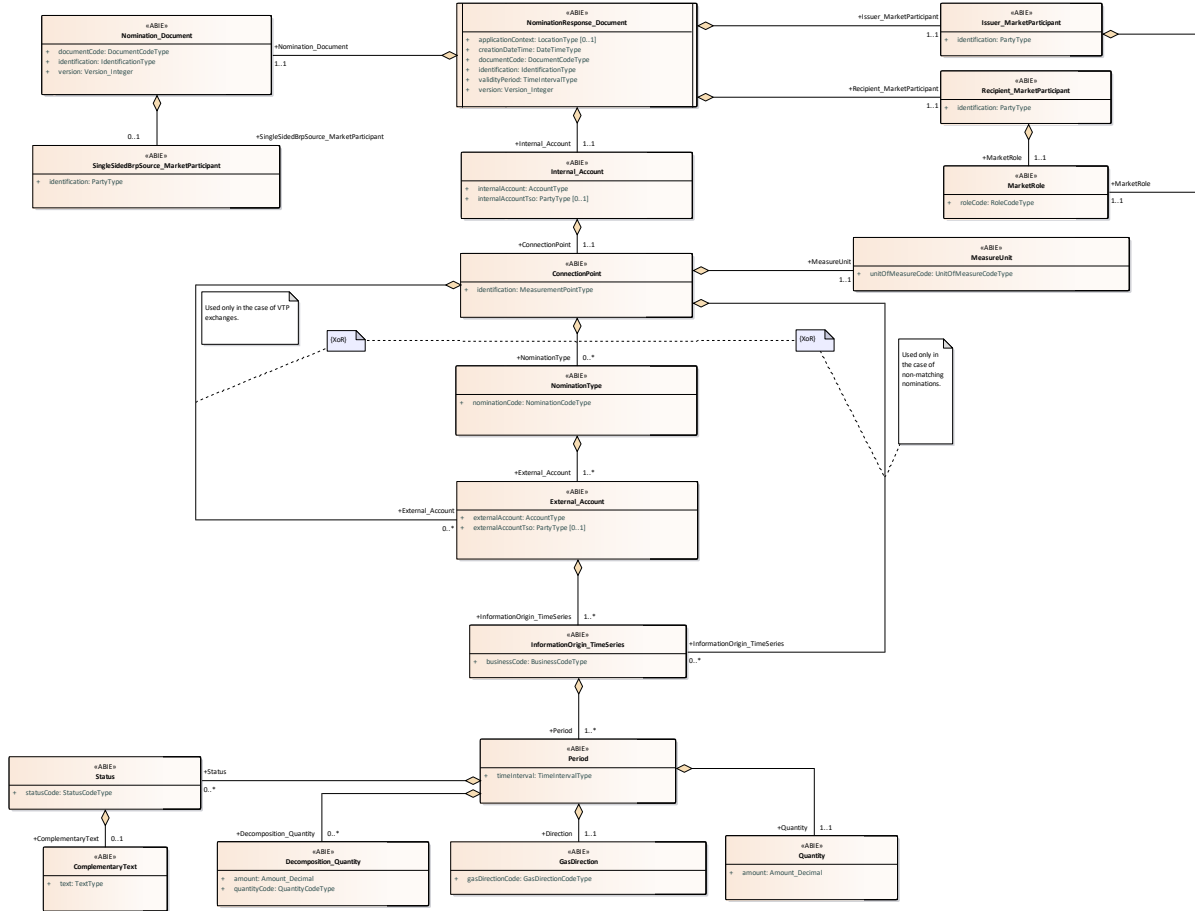


Figure: 11 Nomination Response Document Contextual Model

3.1.1 Nomination Response Document Assembly Document

The nomination response document is used to provide a reply to a given nomination document. It can be used in two contexts:

1. To indicate that an interruption has occurred between the submission of the first nomination and the second.
2. To provide a confirmation notice informing the Business Responsible Party the contents of the submitted nomination that has been accepted.

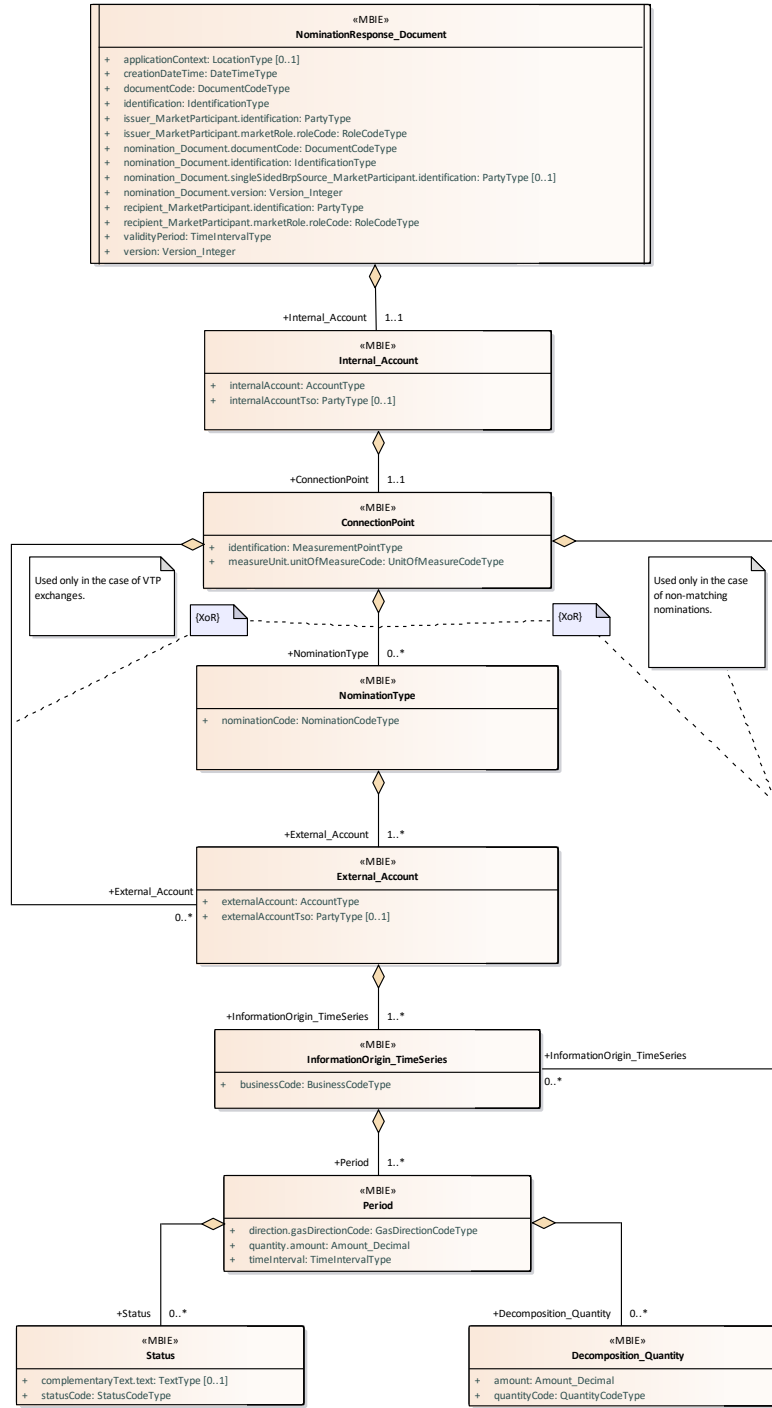


Figure: 12 **Nomination Response Document Assembly Document**

3.1.1.1.1 NominationResponse_Document

This class provides the basic information needed to describe most electronic documents, please see basic ground rules document section 2.3 for further information.

3.1.1.1.1.1 Attributes

Attribute	Description	Multiplicity
applicationContext	The application context is used to identify a particular context (a location identification, an application identification, etc.) that is relevant to the recipient of the document.	[0..1]
creationDateTime	Date and time of the creation of the current document expressed in UTC.	
documentCode	Coded representation of the type of the electronic document. (Refer to the Edig@s DocumentCodeTypeCodeList for the list of valid codes).	
identification	A unique identification of a document that is assigned by the issuer. This identifies the document being reported.	
issuer_MarketParticipant.identification	The identification of the party participating in the market. --- The Issuer of the document.	
issuer_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. (Refer to the Edig@s RoleCodeTypeCodeList for the list of valid codes). --- The Issuer of the document. --- The role of the Issuer of the document.	
nomination_Document.documentCode	Coded representation of the type of the electronic document. (Refer to the Edig@s DocumentCodeTypeCodeList for the list of valid codes). --- The identification and version of the nomination document that is being referenced by the nomination response.	
nomination_Document.identification	A unique identification of a document that is assigned by the issuer. This identifies the document being reported. --- The identification and version of the nomination document that is being referenced by the nomination response.	
nomination_Document.singleSidedBrpSource_MarketParticipant.identification	The identification of the party participating in the market. --- The identification and version of the nomination document that is being referenced by the nomination response. --- The Single sided Brp source is only provided whenever the nomination identification corresponds to the single sided nomination copy that was received by the System Operator.	[0..1]
nomination_Document.version	The version of the nomination document that is being replied to. --- The identification and version of the nomination document that is being referenced by the nomination response.	
recipient_MarketParticipant.identification	The identification of the party participating in the market. --- The Recipient of the document.	
recipient_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market.	

Attribute	Description	Multiplicity
	(Refer to the Edig@s RoleCodeTypeCodeList for the list of valid codes). --- The Recipient of the document. --- The role of the Recipient of the document.	
validityPeriod	The start and end date and time expressed in UTC of the period of validity covered in the document.	
version	Version of the document being sent.	

3.1.1.1.2 Internal_Account

The account of a Balance Responsible Party for which a nomination is being declared.

There may only be one internal account per nomination response.

3.1.1.1.2.1 Attributes

Attribute	Description	Multiplicity
internalAccount	The identification of an account that has been assigned to a Balance Responsible Party by the System Operator where the party has been registered.	
internalAccountTso	The identification of the TSO that has assigned the internal account.	[0..1]

3.1.1.1.3 ConnectionPoint

An interconnection point, whether it is physical or virtual, between two or more Member States as well as interconnections between adjacent entry-exit-systems within the same Member States.

3.1.1.1.3.1 Attributes

Attribute	Description	Multiplicity
identification	The identification of a connection point.	
measureUnit.unitOfMeasureCode	The coded representation of a unit of measure using the UN/CEFACT Recommendation 20 common codes. (Refer to the Edig@s UnitOfMeasureCodeTypeCodeList for the list of valid codes).	

3.1.1.1.4 NominationType

The identification of how a nomination is carried out.

3.1.1.1.4.1 Attributes

Attribute	Description	Multiplicity
nominationCode	A code indicating how a nomination is carried out (i.e. single sided or double sided). (Refer to the Edig@s NominationCodeTypeCodeList for the list of valid codes).	

3.1.1.1.5 External_Account

An account used in a transaction.

3.1.1.1.5.1 Attributes

Attribute	Description	Multiplicity
externalAccount	The identification of the counterpart account.	
externalAccountTso	The identification of the TSO that has assigned the external account.	[0..1]

3.1.1.1.6 InformationOrigin_TimeSeries

A set of time-ordered quantities being exchanged in relation to a product.

3.1.1.1.6.1 Attributes

Attribute	Description	Multiplicity
businessCode	The business type of a time series.	

Attribute	Description	Multiplicity
	The identification of the source of the information that is provided in the Period class and its dependents. (Refer to the Edig@s BusinessCodeTypeCodeList for the list of valid codes).	

3.1.1.1.7 Period

The period that the dependent information is for.

3.1.1.1.7.1 Attributes

Attribute	Description	Multiplicity
direction.gasDirectionCode	A code identifying the direction of a gas flow. (Refer to the Edig@s GasDirectionCodeTypeCodeList for the list of valid codes).	
quantity.amount	The amount of a quantity.	
timeInterval	The start and end date and time for the period. The time is expressed in UTC.	

3.1.1.1.8 Decomposition_Quantity

The quantity of an object.

3.1.1.1.8.1 Attributes

Attribute	Description	Multiplicity
amount	The amount of a quantity.	
quantityCode	A code defining the type of a quantity. (Refer to the Edig@s QuantityCodeTypeCodeList for the list of valid codes).	

3.1.1.1.9 Status

The status of an object.

The status of the quantity for the time interval being reported.

3.1.1.1.9.1 Attributes

Attribute	Description	Multiplicity
complementaryText.text	Complementary information provided in textual form. --- Complementary text may be provided in order to clarify the coded information provided in the status.	[0..1]
statusCode	A code providing the status of an object. (Refer to the Edig@s StatusCodeTypeCodeList for the list of valid codes).	

4 Document Change Log

4.1.1 Version

4.1.1.1 Attributes

Attribute	Description	Multiplicity
Version 1 2020-06-29	Initial release.	
Version 2 2021-07-05	Release 6.1	
Version 3 2022-10-26	<ul style="list-style-type: none">- Updated the text in the Priority_Status.statusCode attributes- Updated information regarding the 18G usage under InformationOrigin_TimeSeries.businessCode in the decision table- Added Note 6 in the Nomination Sequence diagram- Updated decision table for businessCode in Nomination Response document	
Version 4 2023-07-15	<p>Added note in nomination sequence diagram for account pairs on OTC VTP nominations including external accounts for a Clearing Responsible.</p> <p>Added description of usage of identification attribute on NOMAUT message</p> <p>Added description on the usage of 18G in the nomination sequence diagram</p>	
Version 5 2025-01-15	<p>Added A15 (Kg/h) as unit for NOMINT and NOMRES messages.</p> <p>Minor updates to the decision tables.</p>	