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Capacity Allocation - Transfer Advice Document

Model Documentation



The European message format for the gas market

Version 6.1

Document Version: 2
Schema Version: 1

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44 1 Model Detail

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55 2 Document usage decision table

56 The following decision table provides a summary of the message requirements depending on the type of message:

| Transfer Advice Document | Secondary market transfer advice |
|--|---|
| identification | Mandatory. |
| version | Mandatory. |
| documentCode | AMN = Secondary market transfer advice. |
| creationDateTime | Mandatory. |
| validityPeriod | Mandatory. |
| issuer_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC Party X code). |
| issuer_MarketParticipant..marketRole.roleCode | ZSH = Balance Responsible Part (only in the case transfer of use). ZUV = Capacity Responsible Party (in all other cases). |
| recipient_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC Party X code). |
| recipient_MarketParticipant..marketRole.roleCode | ZSO = System Operator |
| contract_Reference.identification | Used only when the account identification is not enough to identify the contract made between the holder/receiver and the System Operator |
| dealOriginator_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC Party X code). |
| dealId_Reference.identification | Mandatory. |
| connectionPoint.identification | Mandatory; codingScheme = 305 (EIC Measurement Point Z or Y code) or ZSO. |
| quantity_MeasureUnit.unitOfMeasureCode | KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d) |
| trading_Procedure.procedureCode | A01 = Call for Orders (CFO), A02 = First Committed First Served (FCFS) A03 = Over the Counter (OTC) |

| Transfer Advice Document | Secondary market transfer advice |
|---|--|
| type_Transaction.transactionCode | A01 = Transfer of ownership A02 = Transfer of Use. |
| underlyingTariff_Price.amount | Used only if required by the System Operator. |
| underlyingSurcharge_Price.amount | May be used if required by the System Operator. |
| Account.identification | Mandatory corresponding to an account of the Issuer of the Transfer Advice Document; codingScheme = 305 (EIC Account Y code) or ZSO. |
| Account.accountTso | May be used if the identification of the System Operator that created the account is ambiguous; codingScheme = 305 (EIC Party X code). |
| Period.timeInterval | Mandatory. |
| Period.direction.gasDirectionCode | Z02 = Input quantity. Z03 = Output quantity. |
| Period.quantity.amount | Mandatory. |
| Period.quantity.quantityCode | Used if the bundled capacity is indivisible. ZXO = Bundled quantity indivisible. |
| Period.bundled_Indication.indicatorCode | 01G = Bundled (Yes). 02G = unbundled (No). |
| Period.availability.availabilityCode | Z06 = Firm Z05 = Interruptible. Only possible in the case of unbundled capacity. |

3 Capacity Allocation secondary market

3.1 Business Process

3.1.1 Transfer Advice Sequence

A Capacity Responsible Party generally books capacity with a System Operator for a given connection point in respect to the local market rules. The System Operator allocates the capacity and informs the Network User of the allocation. The secondary market process concerns the sale of this capacity to a third party and the mechanism of informing the System Operator of the transfer of these capacity rights. The System Operator in essence maintains an account for each Capacity Responsible Party of the capacity right that he holds.

The process concerning the negotiation between the two Capacity Responsible Party's is outside the scope of this document.

The process starts when either the Holder Capacity Responsible Party or the Receiver Capacity Responsible Party informs the System Operator of the transfer. As soon as the System Operator receives a Transfer advice the consistency of the information is verified (e.g. account exists, codes valid, capacity available, etc.). In the case of an error the document is rejected, and the Capacity Responsible Party is informed. In the case where the document is consistent the System Operator waits for the reception of the counterpart Transfer advice.

When the two Transfer advice documents are received, they are matched using as criteria the deal identification (established between the two parties), the originator of the deal, the nature of the trade, the connection point and the relevant quantities and times.

In the case of a match, the System Operator transfers the capacity for one Capacity Responsible Party account to the other and sends a confirmation of the transfer to both parties.

In the case of a mismatch, the System Operator sends a rejection of the transfer to both parties informing them of the reason for the mismatch.

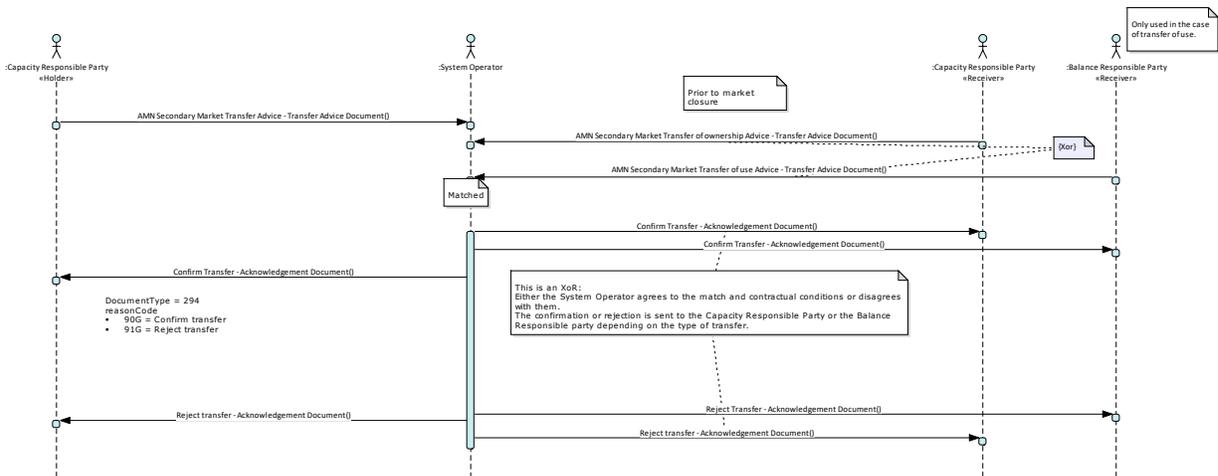


Figure: 1 **Transfer Advice Sequence**

3.1.2 Transfer workflow

The process below is initiated at the end of secondary market activities by a Capacity Responsible Party, who is a Rights Holder, who submits a Transfer notice to the System Operator providing the information about the capacity rights (transfer of ownership or transfer of use) that have been transferred to a Capacity Responsible Party, who is a Rights Receiver, from specific Capacity Responsible Party Accounts.

The System Operator validates the document for coherence and then waits for the Rights Receiver to transmit a similar document.

The Rights Receiver submits within the same timeframe a Transfer notice to the System Operator providing the information about the capacity rights that have been received from a Rights Holder for transferring into specific Capacity Responsible Party accounts.

Once the two Transfer notices have been received, the System Operator matches them and if the match is successful informs both parties that the transfer has been accepted. If there is a mismatch, the System Operator informs both parties that the transfer has been rejected for cited motivations.

Both parties review their documents and recommence the transfer process.

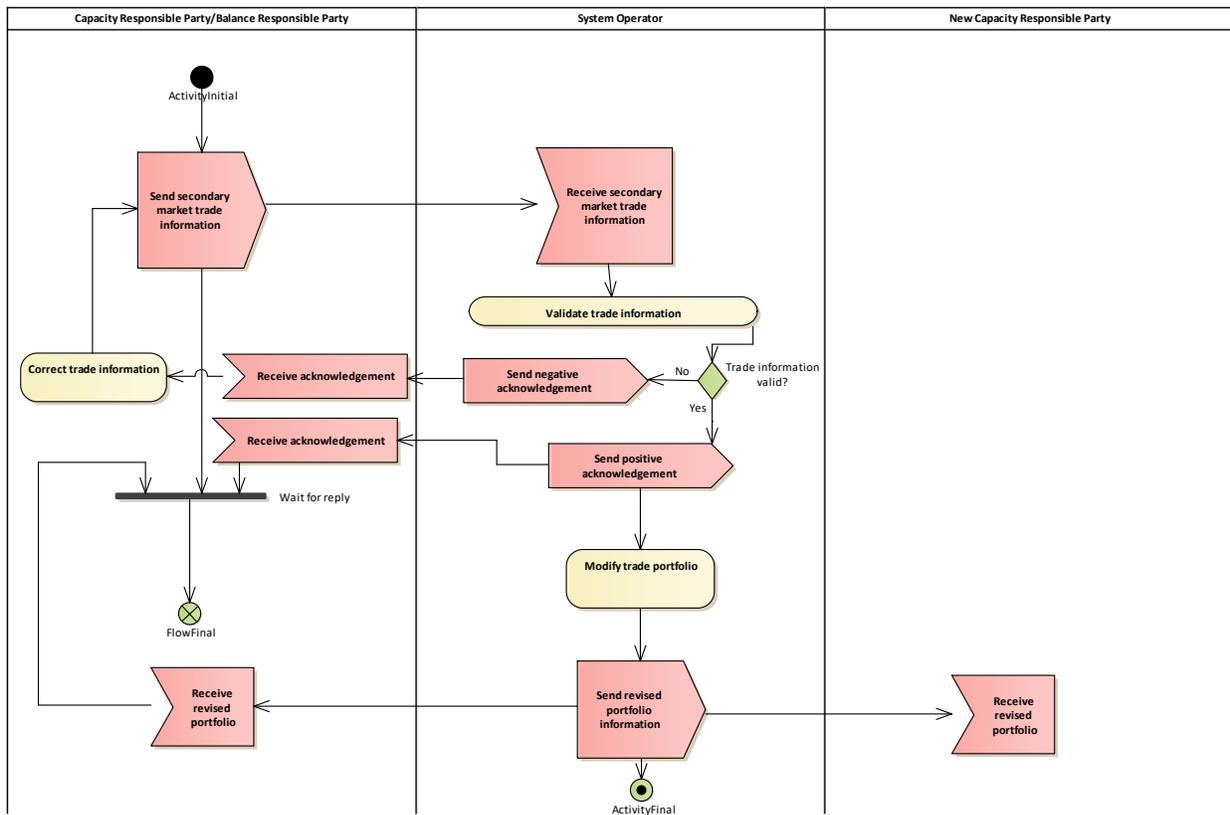


Figure: 2 Transfer workflow

3.2 Transfer Advice Document (TRAADV)

3.2.1 Transfer Advice Document Contextual Model

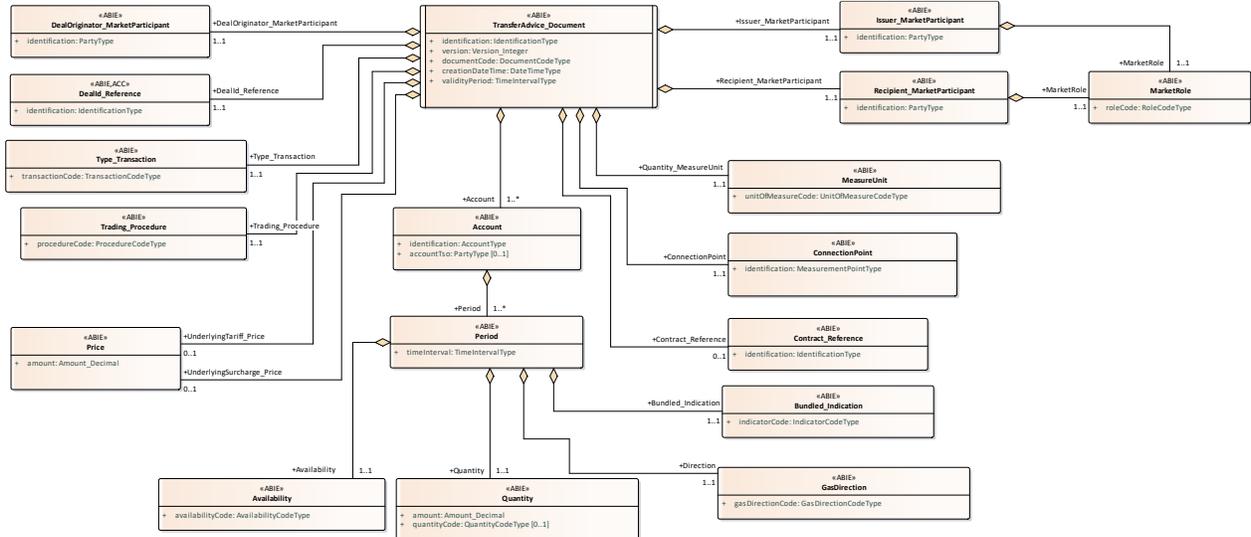


Figure: 3 **Transfer Advice Document Contextual Model**

3.2.2 Transfer Advice Assembly Model

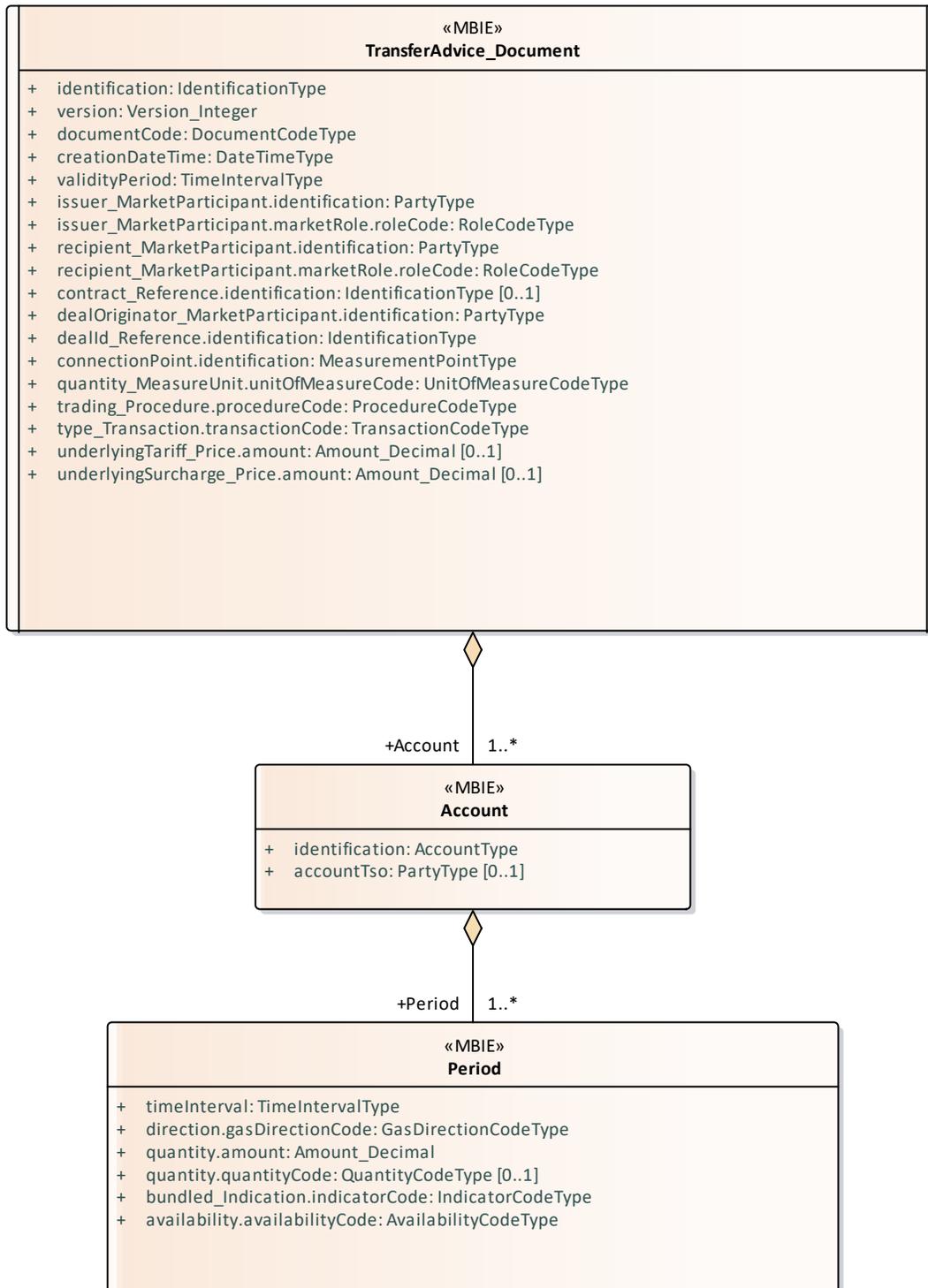


Figure: 4 **Transfer Advice Assembly Model**

3.2.2.1 TransferAdvice_Document

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

There shall be one Transfer Advice Document per transfer of capacity.

A match is considered valid in the case where:

- A DealOriginator,
- DealIdentification,
- TypeTransaction,
- ConnectionPointIdentification.

And all the periods correspond.

3.2.2.1.1 Attributes

| Attribute | Description | Multiplicity |
|---|---|--------------|
| identification | A unique identification of a document that is assigned by the issuer. This identifies the document being reported. | |
| version | Version of the document being sent. | |
| documentCode | Coded representation of the type of the electronic document. (Refer to the Edig@s DocumentCodeTypeCodeList for the list of valid codes). | |
| creationDateTime | Date and time of the creation of the current document expressed in UTC. | |
| validityPeriod | The start and end date and time expressed in UTC of the period of validity covered in the document. | |
| issuer_MarketParticipant.identification | The identification of the party participating in the market. --- The issuer of the transfer advice 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 transfer advice document. --- The role of the issuer. | |
| recipient_MarketParticipant.identification | The identification of the party participating in the market. --- The recipient of the transfer advice 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 transfer advice document. --- The role of the recipient of the document. | |
| contract_Reference.identification | The coded identification of a reference. The contract reference identifies the contract under which the conditions of the content and transmission of the document have been agreed. This is used only when the account identification is not enough to identify the contract made between the holder/receiver and the System Operator. | [0..1] |
| dealOriginator_MarketParticipant.identification | The identification of the party participating in the market. --- The originator of the deal on the secondary market. | |
| dealId_Reference.identification | The coded identification of a reference. --- The identification of the deal on the secondary market. | |
| connectionPoint.identification | The identification of a connection point. --- The identification of a connection point within a System Operator's system. | |

| Attribute | Description | Multiplicity |
|--|--|--------------|
| quantity_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). --- The unit of measure for all quantities identified in the document. | |
| trading_Procedure.procedureCode | A code identifying a specific auction procedure. (Refer to the Edig@s ProcedureCodeTypeCodeList for the list of valid codes). --- A classification of the different types of secondary market transactions (i.e. CFO, FCFS; OTC) | |
| type_Transaction.transactionCode | A code identifying a specific type of transaction. (Refer to the Edig@s TransactionCodeTypeCodeList for the list of valid codes). --- An indication of the type of secondary market trade that is to take place (i.e. Transfer of ownership or transfer of use). | |
| underlyingTariff_Price.amount | The monetary amount of a price. --- The regulated charge of the primary transaction underlying the secondary market deal . | [0..1] |
| underlyingSurcharge_Price.amount | The monetary amount of a price. --- The surcharge of the primary transaction underlying the secondary market deal. | [0..1] |

3.2.2.2 Account

The account identification must belong to the Issuer of the Transfer Advice Document.

3.2.2.2.1 Attributes

| Attribute | Description | Multiplicity |
|----------------|--|--------------|
| identification | The identification of an account. The identification of an account of the Issuer of the Transfer Advice Document. | |
| accountTso | The identification of the SO responsible for an account identification. | [0..1] |

3.2.2.3 Period

There must always be a Period class.

3.2.2.3.1 Attributes

| Attribute | Description | Multiplicity |
|----------------------------------|--|--------------|
| timeInterval | The start and end date and time of the time interval of the period in question. | |
| 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. | |
| quantity.quantityCode | The identification of a specific characteristic of a quantity. (Refer to the Edig@s QuantityCodeTypeCodeList for the list of valid codes). | [0..1] |
| bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- Indication whether or not the quantity described is bundled. | |

| Attribute | Description | Multiplicity |
|-------------------------------|---|---------------------|
| availability.availabilityCode | A code identifying the nature of the availability of a product (interruptible, firm, etc). (Refer to the Edig@s AvailabilityCodeTypeCodeList for the list of valid codes). | |

4 Document Change Log

4.1 Version

4.1.1 Attributes

| Attribute | Description | Multiplicity |
|----------------------|--|--------------|
| Version 1 2020-06-29 | Initial release | |
| Version 2 2021-04-26 | Release 6.1 Corrected decision table, and changed codes for bundledIndicator from A01, A02 to 01G, 02G | |