SECTION

IX   REMIT Reporting Process

Version 5.1

EASEE-gas/Edig@s Workgroup

Document version: 3

7 ## COPYRIGHT & LIABILITY

8   The Edig@s Workgroup (EASEE-Gas Message and Workflow Design Working Group) disclaims and
9   excludes, and any user of the Edig@s Workgroup Implementation Guidelines acknowledges and
10 agrees to the Edig@s Workgroup disclaimer of, any and all warranties, conditions or representations,
11 express or implied, oral or written, with respect to the guidelines or any part thereof, including any
12 and all implied warranties or conditions of title, non-infringement, merchantability, or fitness or
13 suitability for any particular purpose (whether or not the Edig@s Workgroup knows, has reason to
14 know, has been advised, or is otherwise in fact aware of any such purpose), whether alleged to arise
15 by law, by reason of custom or usage in the trade, or by course of dealing. Each user of the guidelines
16 also agrees that under no circumstances will the Edig@s Workgroup be liable for any special,
17 incidental, exemplary, punitive or consequential damages arising out of any use of, or errors or
18 omissions in, the guidelines.

19   **TABLE OF CONTENTS**

51   ## LIST OF FIGURES

61

1   REFERENCES

The content of the electronic documents defined in the implementation guide are based on the definition of terms and codes as agreed by the Edig@s Workgroup.

The electronic documents defined in this document are to enable the reporting of the Regulation (EU) No 1227/2011 on Wholesale Energy Market Integrity and Transparency (REMIT).

The electronic documents in question cover the reporting of gas transportation contracts as well as the reporting of gas nominations.

It is strongly recommended to read the Introduction to the Edig@s MIG before implementing this process since it contains a number of general rules that are applicable for all the Edig@s messages.

2   GENERAL OVERVIEW

The REMIT process requires that market information be reported on a periodic basis by different market participants (Transmission System Operators, Auction Offices, etc.).

The Edig@s documents necessary to satisfy the transmission of the information is outlined in this document. In some cases the electronic document to be used is a document that already exists in the Edig@s environment. In other cases a more specific document has been created.

In order to facilitate the Agency for the Cooperation of Energy Regulators (ACER) reporting process all the documents to be used have been regrouped into this specific implementation guide.

The reporting documents cover the requirements to report gas transportation contracts concerning primary and secondary allocations of gas on the wholesale market, the nominations carried out by market participants and aggregated market information per relevant point defined by Regulation (EC) No 715/2009 (Gas Transparency regulation) provided by the Entsog Transparency platform.
The overall use case is provided in figure 1.
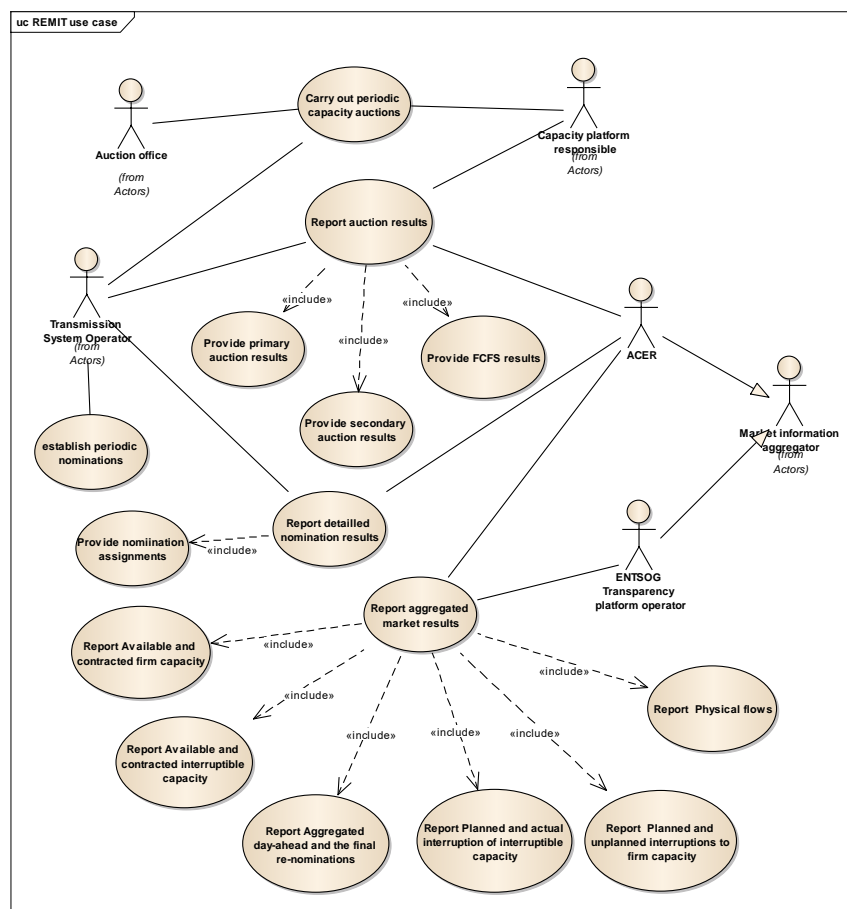
FIGURE 1: REMIT REPORTING USE CASE

87   The use case is divided into three phases:

88   1. The auction of capacity and the reporting of the auction results.
89   2. The nomination of capacity use and the reporting of the detailed nomination results.
90   3. The reporting of the aggregated market information from the Transparency platform.

91   In the REMIT process there are two specific instances of the Market Information Aggregator, Entsog,
92   who manages the Gas Transparency platform and ACER, who gathers together all the information
93   needed to satisfy the REMIT process.

94   There are three reporting uses cases that directly concern this document:

95   1. The "Report auction results" use case that provides ACER with all the capacity allocations
96   that have occurred during the course of various auctions. The information that has to be
97   reported is defined in the document "REMIT Transaction Reporting User Manual". This use
98   case is materialised through the transmission of the Edig@s "Gas Capacity Allocations
99   Document".
100   2. The "Report detailed nomination results" that provides ACER with the nominations and
101   nomination assignments that have been made by the Network Users. The information that
102   has to be reported is defined the document "REMIT Manual of Procedures on transaction and
103   fundamental data reporting". This use case is materialised through the transmission of the
104   Edig@s "Nomination Monitoring Document".
105   3. The "Report aggregated market results" that provides ACER with all the aggregated market
106   information that is available on the Gas Transparency platform. The information that has to
107   be reported is defined in the document indicated in point 2 above in section 6.2.3. This use
108   case is materialised through:
109   • The transmission of the Edig@s "Contract Market Monitoring Document" in the case of
110   the included use cases "Report available and contracted firm capacity"; "Report available
111   and contracted interruptible capacity"; "Report planned and actual interruption of
112   interruptible capacity" and "Report planned and unplanned interruptions to firm
113   capacity".
114   • The transmission of the Edig@s "Nomination Monitoring Document" in the case of the
115   included use case "Report aggregated day-ahead and the final re-nominations" and the
116   included use case "Report physical flows".

117   The sequence diagram in figure 2 provides an overview of the documents used for the REMIT
118   transmissions.

119
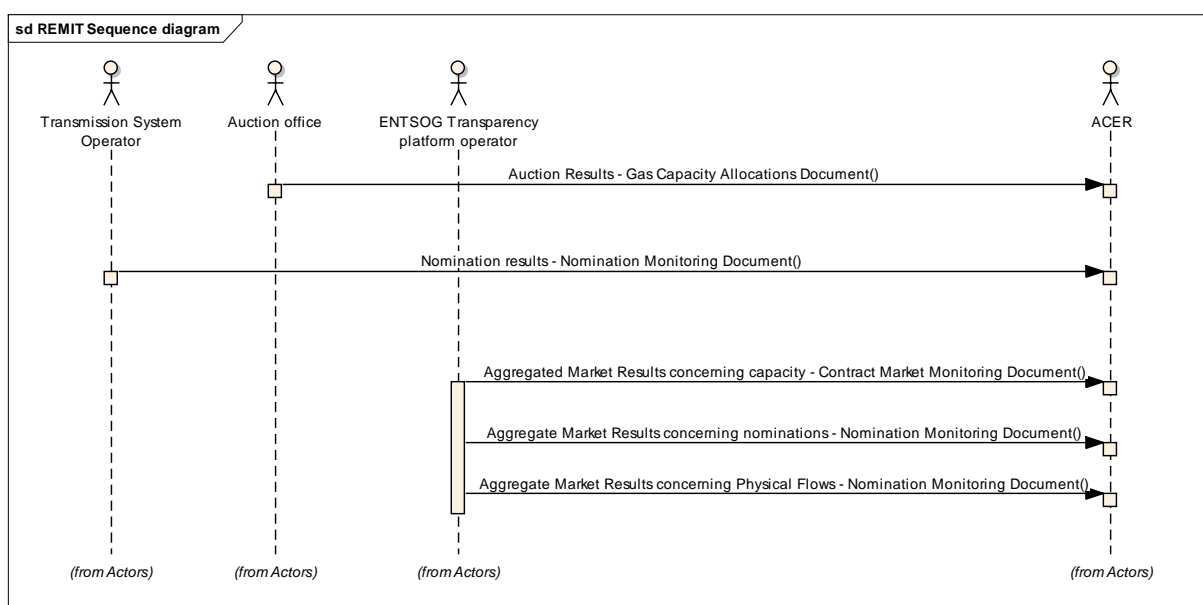
120   **FIGURE 2: ELECTRONIC DOCUMENT USE OVERVIEW**

121   The implementation guidelines for each of these electronic documents are outlined in the rest of this
122   document.

123   **3   GAS TRANSPORTATION CONTRACT PROCESS**

124   **3.1   CONTEXTUAL MODEL FOR THE GAS CAPACITY ALLOCATIONS DOCUMENT**

125
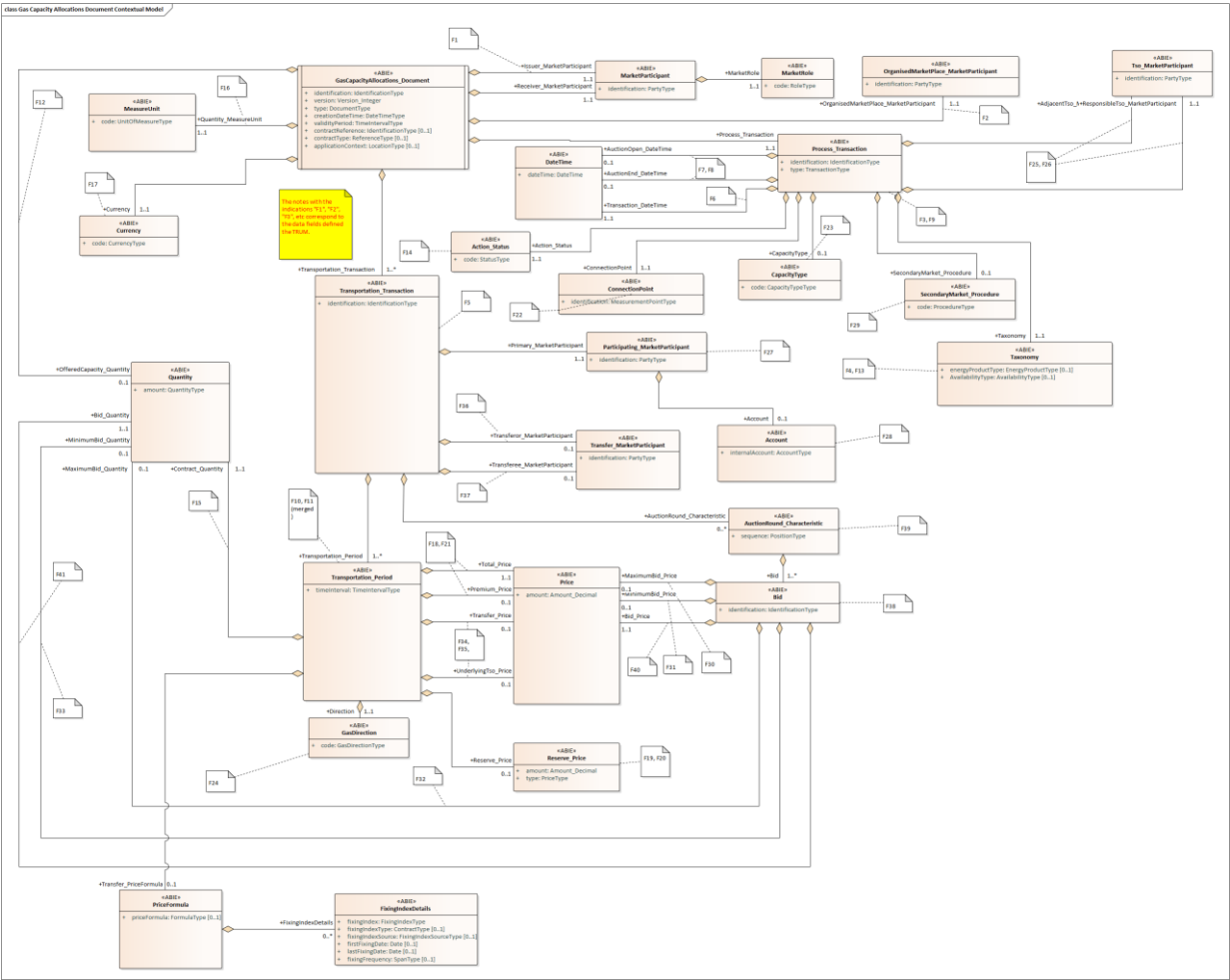
126   **FIGURE 3: GAS CAPACITY ALLOCATIONS DOCUMENT CONTEXTUAL MODEL**

127   ### 3.1.1   INFORMATION MODEL STRUCTURE

128
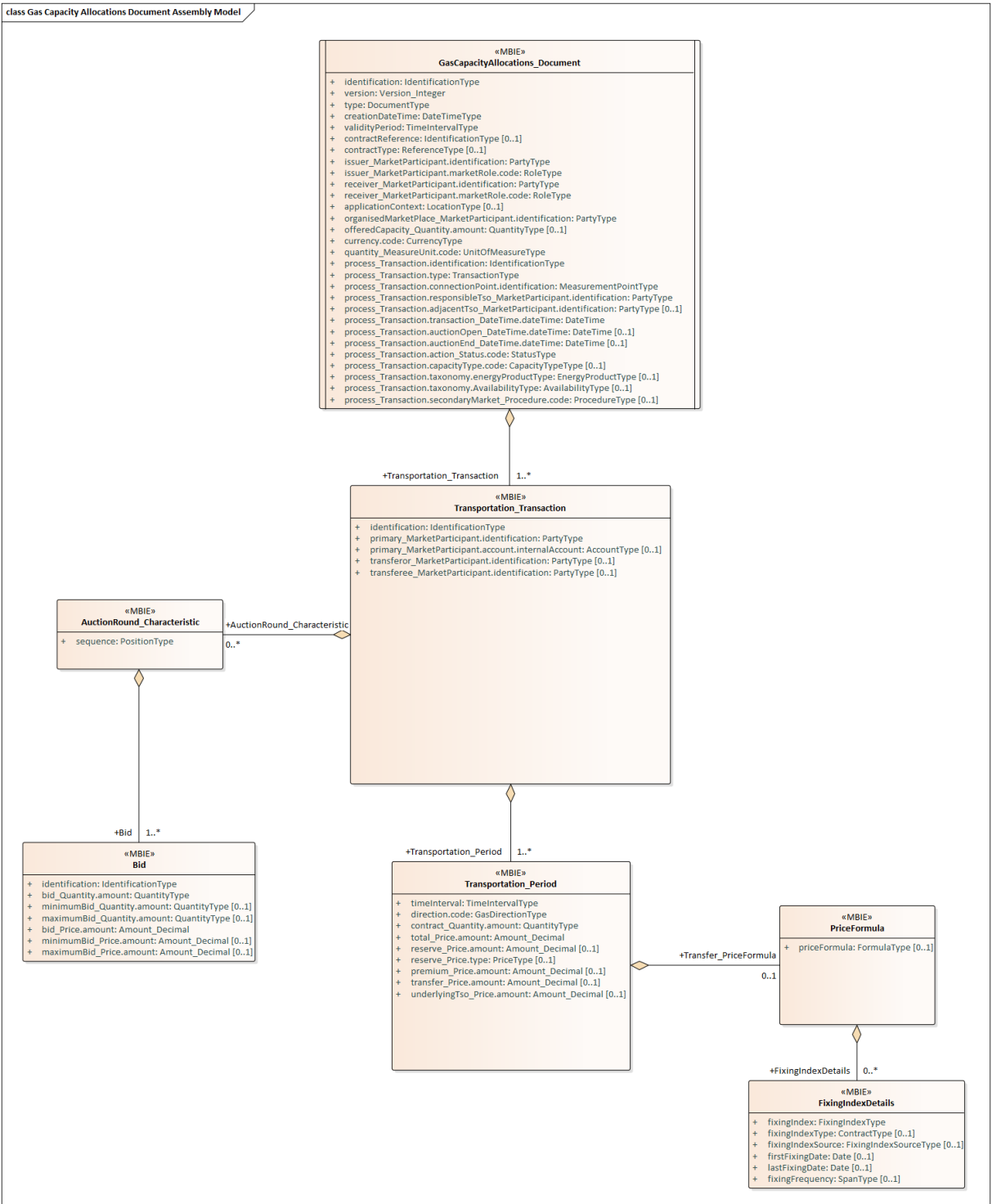
129   **FIGURE 4: GAS CAPACITY ALLOCATIONS DOCUMENT ASSEMBLY MODEL**

130   **3.1.2   INFORMATION MODEL DESCRIPTION**

131   A Gas Capacity Allocations Document is used by a Data Provider to report gas transportation
132   contracts concerning primary and secondary allocations of gas capacity on the wholesale market to
133   a central agency.

134   The description of each attribute contains the identification of the data field outlined in chapter 7 of
135   the Remit Transaction Reporting User Manual (TRUM) where relevant.

136   **3.1.3   RULES GOVERNING THE GAS CAPACITY ALLOCATIONS DOCUMENT CLASS**

137   A document is uniquely identified by:

138   •   The identification of the document

139   •   The issuer identification

140   •   The identification of the version.

141   The attribute "release" that is in the schema header shall indicate the release of the XML schema.
142   This value only changes when there is an effective change to the XML schema content. The "release"
143   attribute shall always be "1" for this version of the document.

144   **3.1.3.1   IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	Identification of the document describing the Gas Capacity Allocations Document.
Description	A Gas Capacity Allocations Document must have a unique identification assigned by the issuer of the document to be sent to a recipient for a given validity period. The issuer must guarantee that this identification is unique over time.
Size	The identification of a Gas Capacity Allocations Document may not exceed 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

145   **3.1.3.2 VERSION**

ACTION	DESCRIPTION
Definition of element	Version of the document being sent.
Description	The document version is used to identify a given version of a Gas Capacity Allocations Document. The first version number for a given document identification shall normally be 1. The document version number must be incremented for each retransmission of a document that contains changes to the previous version. The receiving system shall only accept a document with a version number which is greater than the previous version number of the same document.
Size	A version number may not exceed 3 numeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

146   **3.1.3.3 TYPE**

ACTION	DESCRIPTION
Definition of element	The type of the document being sent.
Description	This identifies the type of Gas Capacity Allocations Document that is being sent. The following types of Nomination Monitoring Document are permitted: ANI = Capacity allocation information. (Reference Edig@s DocumentType code list).
Size	A type may not exceed 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

147 **3.1.3.4 CREATIONDATETIME**

ACTION	DESCRIPTION
Definition of element	Date and time of the creation of the document.
Description	The date and time that the document was prepared for transmission by the application of the issuer.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

148 **3.1.3.5 VALIDITYPERIOD**

ACTION	DESCRIPTION
Definition of element	The start and end date and time of the period of validity covered in the document.
Description	This information provides the start and end date and time of the period of validity of the document.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

149 **3.1.3.6 CONTRACTREFERENCE**

ACTION	DESCRIPTION
Definition of element	Reference to a contract covering the Gas Capacity Allocations Document.
Description	The contract reference provides the contract identification relevant for the whole document.
Size	The contract reference may not exceed 35 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	*This information is not used in the case of REMIT transmissions.*

150 **3.1.3.7 CONTRACTTYPE**

ACTION	DESCRIPTION
Definition of element	Identification of the type of contract covering the document.
Description	The contract type identifies the nature of the contract defined in the document. Refer to the Edig@s ReferenceType code list for the list of valid codes.
Size	The maximum length of the contract type is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	*This information is not used in the case of REMIT transmissions.*

151 **3.1.3.8 ISSUER_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the party who has issued the document.
Description	The issuer of the document is identified by a unique coded identification. This code identifies the party that is the "owner" of the information being transmitted in the document and is responsible for its content. ***This corresponds to TRUM field 1.*** The following types of CodingScheme are permitted: 305 = EIC party code ACE = ACER assigned code (Reference Edig@s DocumentType code list). The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code or "ACE" for an ACER assigned party code.
Size	The maximum length of an issuer's identification is 16 (EIC code) and minimum length is 12 alphanumeric characters for an ACER code. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

152   **3.1.3.9   ISSUER_MARKETPARTICIPANT.MARKETROLE.CODE**

ACTION	DESCRIPTION
Definition of element	Identification of the role that the party who has issued the document is playing.
Description	The role being played by the issuer of the document for this transmission. The following roles are permitted for this document: ZSO = System Operator ZUJ = Auction Office ZUF = Capacity platform operator ZSH = Shipper ZUA = Market Information Aggregator (Reference Edig@s RoleType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

153   **3.1.3.10 RECEIVER_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the party who is receiving the document.
Description	The recipient of the document is identified by a unique coded identification. The following types of CodingScheme are permitted: 305 = EIC party code ACE = ACER assigned code (Reference Edig@s DocumentType code list). The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code or "ACE" for an ACER assigned party code.
Size	The maximum length of an issuer's identification is 16 (EIC code) and minimum length is 12 alphanumeric characters for an ACER code. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

154   **3.1.3.11 RECEIVER_MARKETPARTICIPANT.MARKETROLE.CODE**

ACTION	DESCRIPTION
Definition of element	Identification of the role that the party who receives the document is playing.
Description	The role being played by the recipient of the document for this transmission. The following role is permitted for this document: ZUA = Market Information Aggregator. (Reference Edig@s RoleType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

155   **3.1.3.12 APPLICATIONCONTEXT – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of a particular context that is significant to the recipient.
Description	The application context is used to identify a particular context (location, application, etc.) that is relevant to the recipient of the document. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC location code.
Size	The maximum length of an application context's identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	*This information is not used in the case of REMIT transmissions.*

156   ### 3.1.3.13 ORGANISEDMARKETPLACE_MARKETPARTICIPANT.IDENTIFICATION

ACTION	DESCRIPTION
Definition of element	Identification of the organised market place operator.
Description	The organised Market Place Operator is identified by a unique coded identification. ***This corresponds to TRUM field 2.*** The following types of CodingScheme are permitted: 305 = EIC party code ACE = ACER assigned code (Reference Edig@s DocumentType code list). The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code or "ACE" for an ACER assigned party code.
Size	The maximum length of an issuer's identification is 16 (EIC code) and minimum length is 12 alphanumeric characters for an ACER code. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

157   ### 3.1.3.14 OFFEREDCAPACITY_QUANTITY.AMOUNT

ACTION	DESCRIPTION
Definition of element	The quantity of capacity available in the auction expressed in the measure unit.
Description	The quantity of capacity available in the auction expressed in the measure unit. Only relevant for bidding behaviour monitoring. ***This corresponds to TRUM field 12.*** A decimal point value may be used to express values that are inferior to the defined unit of measurement. The decimal mark that separates the digits forming the integral part of a number from those forming the fractional part (ISO 6093) shall always be a period ("."). All quantities are unsigned values.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the quantity depends on local market rules.

Applicability	This information is dependent.
Dependence requirements	This information is only provided in the case of an auction.

158   **3.1.3.15 CURRENCY.CODE**

ACTION	DESCRIPTION
Definition of element	The currency in which the monetary amount is expressed.
Description	This information defines the currency of the monetary amounts within the electronic document. ***This corresponds to TRUM field 17.*** The permitted codes in the case of REMIT are: EUR = Euro BGN = Bulgarian lev CHF = Swiss franc CZK = Czech koruna DKK = Danish krone GBP = Pound sterling HRK = Croatian kuna HUF = Hungarian forint ISK = Icelandic króna NOK = Norwegian krone PLN = Polish złoty RON = Romanian new leu SEK = Swedish krona/kronor USD = U.S. dollar (Reference Edig@s CurrencyType Code list).
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

159   **3.1.3.16 QUANTITY_MEASUREUNIT.CODE**

ACTION	DESCRIPTION
Definition of element	The unit of measure which is applied to all the quantities in the document.
Description	The unit of measurement used for all the quantities. ***This corresponds to TRUM field 16.*** The following are the codes recommended for use: KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d) HM1 = Million cubic meters per hour HM2 = Million cubic meters per day TQH = Thousand cubic meters per hour

	TQD = Thousand cubic meters per day
	MQ6 = Normal cubic meters per hour
	MQ7 = Normal cubic meters per day.
	KWH = Kilowatt hour (KWh)
	GWH= Gigawatt hour (GWh)
	(Reference Edig@s UnitOfMeasure code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

160   **3.1.3.17 PROCESS_TRANSACTION.IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	The identification of the auction or other process as defined by the capacity allocating entity.
Description	The identification of the auction or other process as defined by the capacity allocating entity. *This corresponds to TRUM field 3.*
Size	The maximum length of the identification is 35 alphanumeric characters.
Applicability	The identification is mandatory.
Dependence requirements	None.

161   **3.1.3.18 PROCESS_TRANSACTION.TYPE**

ACTION	DESCRIPTION
Definition of element	The type identifies the nature of transportation transaction to be reported in accordance with current applicable industry standards as specified by gas network code on Interoperability and data exchange. *This corresponds to TRUM field 9.*
Description	The type of product that was allocated. The following codes are permitted: ZSW = Ascending clock auction ZSX = Uniform price auction ZSY = First come first served ZSZ = Secondary market procedure ZTA = Over-nomination ZTB = Open Subscription Window ZTC = Open season ZTD = Storage allocation ZTE = Non-ascending clock pay-as-bid auctions ZTF = Pro-rata ZSP = Capacity conversion ZSG = Capacity return (Reference Edig@s TransactionType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

162 **3.1.3.19 PROCESS_TRANSACTION.CONNECTIONPOINT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	A connection point identification within a network system
Description	The identification of a connection point within a System Operator's system. ***This corresponds to TRUM field 22.*** The following types of CodingScheme are permitted: 305 = EIC party code ACE = ACER assigned code (Reference Edig@s DocumentType code list). The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code or "ACE" for an ACER assigned party code.
Size	The maximum length of an issuer's identification is 16 (EIC code) and minimum length is 12 alphanumeric characters for an ACER code. The maximum length of the coding scheme is 3 alphanumeric characters.
Applicability	Both the connection point identification and the coding scheme are mandatory.
Dependence requirements	None.

163 **3.1.3.20 PROCESS_TRANSACTION.RESPONSIBLETSO_MARKETPARTICIPANT.IDENTIFICATI**
164 **ON – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of the Transmission System Operator for which the data reporting is made.
Description	The responsible Transmission System Operator is identified by a unique coded identification. ***This corresponds to TRUM field 25.*** The following types of CodingScheme are permitted: 305 = EIC party code ACE = ACER assigned code (Reference Edig@s DocumentType code list). The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code or "ACE" for an ACER assigned party code.
Size	The maximum length of an issuer's identification is 16 (EIC code) and minimum length is 12 alphanumeric characters for

	an ACER code.The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

165 **3.1.3.21 PROCESS_TRANSACTION.ADJACENTTSO_MARKETPARTICIPANT.IDENTIFICATION**
166 **– CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of the counter Transmission System Operator.
Description	The adjacent Transmission System Operator is identified by a unique coded identification. ***This corresponds to TRUM field 26.*** The following types of CodingScheme are permitted: 305 = EIC party code ACE = ACER assigned code (Reference Edig@s DocumentType code list). The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code or "ACE" for an ACER assigned party code.
Size	The maximum length of an issuer's identification is 16 (EIC code) and minimum length is 12 alphanumeric characters for an ACER code.The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This attribute is only present when there is only one adjacent Transmission System Operator.

167 **3.1.3.22 PROCESS_TRANSACTION.TRANSACTION_DATETIME**

ACTION	DESCRIPTION
Definition of element	Creation date and time of the transaction.
Description	The date and time that the transaction was created. ***This corresponds to TRUM field 6.***
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

168   **3.1.3.23 PROCESS_TRANSACTION.AUCTIONOPEN_DATETIME**

ACTION	DESCRIPTION
Definition of element	The date and time when an auction opens for bidding.
Description	The date and time that an auction is open for bidding. ***This corresponds to TRUM field 7.***
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is dependent.
Dependence requirements	This attribute is only used when information for an auction is being reported.

169   **3.1.3.24 PROCESS_TRANSACTION.AUCTIONEND_DATETIME**

ACTION	DESCRIPTION
Definition of element	The date and time when an auction closes for bidding.
Description	The date and time that an auction closes. ***This corresponds to TRUM field 8.***
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is dependent.
Dependence requirements	This attribute is only used when information for an auction is being reported.

168   **3.1.3.23 PROCESS_TRANSACTION.AUCTIONOPEN_DATETIME**

170 **3.1.3.25 PROCESS_TRANSACTION.ACTION_STATUS.CODE**

ACTION	DESCRIPTION
Definition of element	Status code of the report to be reported in accordance with current applicable industry standards as specified in gas network code on Interoperability and data exchange.
Description	Status code of the report to be reported in accordance with current applicable industry standards as specified in gas network code on Interoperability and data exchange. ***This corresponds to TRUM field 14.*** The following codes are permitted: 62G = Active, the report is valid and has never been updated. 63G = Cancelled, the report is no longer valid. 66G = Changed, the report is valid after having been updated. 75G = Corrected, the report is valid after having been corrected. (Reference Edig@s StatusType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

171 **3.1.3.26 PROCESS_TRANSACTION.CAPACITYTYPE.CODE**

Definition of element	The identification of the type of bundling being offered.
Description	The specification of bundling that is identified for the connection point. ***This corresponds to TRUM field 23.*** The following codes are permitted: ZEO = Bundled ZEP = Unbundled (Reference Edig@s CapacityTypeType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	This attribute is only used for auctions.

172   ### 3.1.3.27 PROCESS_TRANSACTION.TAXONOMY.ENERGYPRODUCTTYPE

Definition of element	The identification of the type of gas.
Description	The identification of the type of gas. ***This corresponds to TRUM field 4.*** The following codes are permitted: HC1 = H gas LC1 = L gas (Reference Edig@s EnergyProductType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	This attribute is only used in the case of auctions.

173   ### 3.1.3.28 PROCESS_TRANSACTION.TAXONOMY.AVAILABILITYTYPE

Definition of element	The identification of the applicable capacity category.
Description	The identification of the applicable capacity category ***This corresponds to TRUM field 13.*** The following types are permitted: Z04 = Available total firm capacity Z05 = Interruptible (booked) Z06 = Firm (booked) ZEQ = Freely allocable capacity (FZK) ZER = Capacity with capacity allocation restrictions and capacity usage restrictions (bFZK) ZES = Restricted-allocable capacity (BZK) ZET = Dynamically allocable capacity (DZK) ZEU = Temperature related and restricted capacity (TAK) ZEW = published technical capacity ZFA = Available interruptible capacity ZFB = Available firm capacity ZFD = Available total interruptible capacity (Reference Edig@s AvailabilityType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	This attribute is only used in the case of auctions.

174   **3.1.3.29 PROCESS_TRANSACTION.SECONDARYMARKET_PROCEDURE.CODE**

Definition of element	Specification of secondary market procedure applicable.
Description	The specification of the secondary market procedure applicable.
	This corresponds to TRUM field 29.
	The following codes are permitted:
	A01 = CFO, call for orders for assignment
	A02 = FCFS, first come first served for assignment
	A03 = OTC, Over the counter for assignment
	A04 = CFO_SUB, call for orders for subletting / transfer of us
	A05 = FCFS_SUB, first come first served for subletting / transfer of use
	A06 = OTC_SUB, over the counter for subletting / transfer of use
	(Reference Edig@s ProcedureType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	This attribute is only used in the case of secondary market allocations.

175   **3.1.4   RULES GOVERNING THE TRANSPORTATION_TRANSACTION CLASS**

176   There may be one to many Transportation_Transaction classes in a
177   GasCapacityAllocations_Document.

178   **3.1.4.1   IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	A uniquely assigned identification number for the capacity allocation as assigned by the organized market place or Transmission System Operator.
Description	The identification of the capacity allocation being reported.
	This corresponds to TRUM field 5.
Size	The maximum length of the identification is 35 alphanumeric characters.
Applicability	The identification is mandatory.
Dependence requirements	None.

179   **3.1.4.2   PRIMARY_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of the market participant to which the capacity is assigned.
Description	The market participant to which the capacity is assigned is identified by a unique coded identification. ***This corresponds to TRUM field 27.*** The following types of CodingScheme are permitted: 305 = EIC party code ACE = ACER assigned code (Reference Edig@s DocumentType code list). The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code or "ACE" for an ACER assigned party code.
Size	The maximum length of an issuer's identification is 16 (EIC code) and minimum length is 12 alphanumeric characters for an ACER code.The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This attribute is mandatory.

180   **3.1.4.3   PRIMARY_MARKETPARTICIPANT.ACCOUNT.INTERNALACCOUNT**

ACTION	DESCRIPTION
Definition of element	The identification of the Account (balancing group) that has been assigned by the responsible Transmission System Operator.
Description	The account (balancing group) (or accounts in case of bundled products) to which the shipper belongs or the portfolio code used by the shipper if a balancing group is not applicable. ***This corresponds to TRUM field 28.*** The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "ZSO" for a TSO managed code or the code "305" for an EIC Account code.
Size	The maximum length of an internal account's identification is 35 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This attribute is only used when there is an internal account assigned to a primary market participant.

181   **3.1.4.4   TRANSFEROR_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of the market participant giving up the capacity.
Description	The market participant who is giving up capacity to the transferee and is assigned is identified by a unique coded identification. **This corresponds to TRUM field 36.** The following types of CodingScheme are permitted: 305 = EIC party code ACE = ACER assigned code (Reference Edig@s DocumentType code list). The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code or "ACE" for an ACER assigned party code.
Size	The maximum length of an issuer's identification is 16 (EIC code) and minimum length is 12 alphanumeric characters for an ACER code. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This attribute is only used in the case of secondary market reporting.

182   **3.1.4.5   TRANSFEREE_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of the market participant receiving the capacity.
Description	The market participant who is receiving capacity from the transferor and is assigned is identified by a unique coded identification. ***This corresponds to TRUM field 37.*** The following types of CodingScheme are permitted: 305 = EIC party code ACE = ACER assigned code (Reference Edig@s DocumentType code list). The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code or "ACE" for an ACER assigned party code.
Size	The maximum length of an issuer's identification is 16 (EIC code) and minimum length is 12 alphanumeric characters for

	an ACER code.The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This attribute is only used in the case of secondary market reporting.

183   **3.1.5   RULES GOVERNING THE TRANSPORTATION_PERIOD CLASS**

184   There may be one to many Transportation_Period classes in a Transportation_Transaction.

185   **3.1.5.1   TIMEINTERVAL**

ACTION	DESCRIPTION
Definition of element	The start and end date and time of the time interval of the period in question.
Description	The date and time of the start of the transportation transaction runtime and the date and time of the end of the transportation transaction runtime. ***This corresponds to TRUM fields 10 and 11 together.*** The start date and time is inclusive and the end date and time is exclusive.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

186   **3.1.5.2   DIRECTION.CODE**

ACTION	DESCRIPTION
Definition of element	Identifies how the energy flow has to be seen from the responsible System Operator's area.
Description	This identifies the specification of the direction of the energy flow. For bundled capacity the direction is that of the reporting Transmission System Operator's side. ***This corresponds to TRUM field 24.*** Permitted codes are: Z02 = Input Z03 = Output (Reference Edig@s GasDirectionType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

187   **3.1.5.3   CONTRACT_QUANTITY.AMOUNT**

ACTION	DESCRIPTION
Definition of element	Total number of units allocated with the transportation transaction as expressed in the measure unit.
Description	Total number of units allocated with the transportation transaction as expressed in the measure unit. ***This corresponds to TRUM field 15.*** A decimal point value may be used to express values that are inferior to the defined unit of measurement. The decimal mark that separates the digits forming the integral part of a number from those forming the fractional part (ISO 6093) shall always be a period ("."). All quantities are unsigned values.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the quantity depends on local market rules.
Applicability	This information is mandatory.
Dependence requirements	None.

188   **3.1.5.4   TOTAL_PRICE.AMOUNT**

ACTION	DESCRIPTION
Definition of element	Reserve price at time of the auction plus auction premium or regulated tariff in case of other allocation mechanism than auction.
Description	Reserve price at time of the auction plus auction premium or regulated tariff in case of other allocation mechanism than auction. ***This corresponds to TRUM field 18.***
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is mandatory.
Dependence requirements	None.

189 **3.1.5.5   RESERVE_PRICE.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The identification of the reserve price for the auction.
Description	The identification of the reserve price for the auction.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. *This corresponds to TRUM field 20.* The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of an auction.

190 **3.1.5.6   RESERVE_PRICE.TYPE**

ACTION	DESCRIPTION
Definition of element	Identification of the type of the reserve price.
Description	The type of the reserve price specified. *This corresponds to TRUM field 19.* The following codes are permitted: Z07 = Fixed Z08 = Floating (Reference Edig@s PriceType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case where a reserve price is specified.

191   **3.1.5.7   PREMIUM_PRICE.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The identification of the premium price for the auction.
Description	The identification of the premium price for the auction. It corresponds to the additional amount on top of the reserve price as agreed between the Transmission System Operator and the Market Participant. ***This corresponds to TRUM field 21.***
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of an auction.

192   **3.1.5.8   TRANSFER_PRICE.AMOUNT**

ACTION	DESCRIPTION
Definition of element	Price the transferee pays to the transferor expressed in the currency per measure unit which must be kWh/h.
Description	Price the transferee pays to the transferor expressed in the currency per measure unit which must be kWh/h. ***This corresponds to TRUM field 35.***
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of a secondary market transaction.

193 **3.1.5.9 UNDERLYINGTSO_PRICE.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The price paid to the Transmission System Operator.
Description	The price paid to the Transmission System Operator (underlying price) is only applicable when there is an assignment expressed in the currency per measure unit which must be kWh/h. ***This corresponds to TRUM field 34.***
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of a secondary market transaction.

194   **3.1.5.10 TRANSFER_PRICEFORMULA.PRICEFORMULA**

ACTION	DESCRIPTION
Definition of element	Price formula used to set the price the transferee pays to the transferor.
Description	If the price the transferee pays to the transferor is set by a price formula this shall be reported in this field. A price formula may be very complex and may not be represented in the same way in the systems of the two counterparties to the contract. When the price formula is very complex, market participants can report a simplified version of the formula, ensuring that the main features of the formula are properly represented (e.g. indices indication).
Size	The maximum length of this element is 1000 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case where the price the transferee pays to the transferor is set by a price formula. In case the price the transferee pays to the transferor is not set by a price formula, attribute TRANSFER_PRICE.AMOUNT will be populated.

195   **3.1.5.11 TRANSFER_PRICEFORMULA.FIXINGINDEX**

ACTION	DESCRIPTION
Definition of element	The name of the fixing index used to set the price the transferee pays to the transferor.
Description	Fixing index or list of indices setting the price the transferee pays to the transferor. For each Index the name must be specified. In case of a basket of indices for which no unique identifier exist the basket or the index shall be indicated.
Size	The maximum length of this element is 150 alphanumeric characters. The content of this element should adhere to the defined pattern, which only allows upper- and lower-case characters, numbers, space, hyphen (–) and underscore (_).
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case where the price the transferee pays to the transferor is set by a fixing index and not by a set price in the TRANSFER_PRICE.AMOUNT attribute.

196

197   **3.1.5.12 TRANSFER_PRICEFORMULA.FIXINGINDEXTYPE**

ACTION	DESCRIPTION
Definition of element	The type of fixing index indicated in TRANSFER_PRICEFORMULA.FIXINGINDEX.
Description	This field identifies the type of fixing index indicated in TRANSFER_PRICEFORMULA.FIXINGINDEX used to set the price the transferee pays to the transferor in the transaction that is being reported. Where the price is set by several types of fixing indices, each of them should be reported in this field. The following codes are permitted: C01 = Forward style contract C02 = Future style contract C03 = Option style contract C04 = Option on a forward style contract C05 = Option on a future style contract C06 = Option on a swap style contract C07 = Spread contract C08 = Swap contract C09 = Other contract C10 = Spot contract C11 = Option on a spread contract C12= Swing contract (Reference Edig@s ContractType code list)
Size	3 characters
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case where the attribute TRANSFER_PRICEFORMULA.FIXINGINDEX is populated.

198

199   **3.1.5.13 TRANSFER_PRICEFORMULA.FIXINGINDEXSOURCE**

ACTION	DESCRIPTION
Definition of element	The source of the fixing index/indices indicated in TRANSFER_PRICEFORMULA.FIXINGINDEX.
Description	The source of the fixing index/indices indicated in TRANSFER_PRICEFORMULA.FIXINGINDEX used to set the price the transferee pays to the transferor. Where the contract has several sources for the fixing indices, each source should be reported in this field.
Size	The maximum length of this element is 150 alphanumeric characters. The content of this element should adhere to the defined pattern, which only allows upper- and lower-case characters, numbers, space, hyphen (–) and underscore (_).
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case where the attribute TRANSFER_PRICEFORMULA.FIXINGINDEX is populated.

200

201   **3.1.5.14 TRANSFER_PRICEFORMULA.FIRSTFIXINGDATE**

ACTION	DESCRIPTION
Definition of element	First fixing date determined by the earliest date of all the fixings.
Description	This field identifies the first date at which the price the transferee pays to the transferor can be set using the index indicated in TRANSFER_PRICEFORMULA.FIXINGINDEX. If the price formula adopted for the transaction has several indices, market participants shall report the first date at which the price the transferee pays to the transferor can be fixed for each index reported in TRANSFER_PRICEFORMULA.FIXINGINDEX.
Size	The length of this element is 10 numeric characters.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case where the attribute TRANSFER_PRICEFORMULA.FIXINGINDEX is populated.

202

203 **3.1.5.15 TRANSFER_PRICEFORMULA.LASTFIXINGDATE**

ACTION	DESCRIPTION
Definition of element	Last fixing date determined by the latest date of all the fixings.
Description	This field identifies the last date at which the price the transferee pays to the transferor can be set using the index indicated in TRANSFER_PRICEFORMULA.FIXINGINDEX. If the price formula adopted for the transaction has several indices, market participants shall report the last date at which the price the transferee pays to the transferor can be fixed for each index reported in TRANSFER_PRICEFORMULA.FIXINGINDEX.
Size	The length of this element is 10 numeric characters.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case where the attribute TRANSFER_PRICEFORMULA.FIXINGINDEX is populated.

204

205   **3.1.5.16 TRANSFER_PRICEFORMULA.FIXINGINDEXFREQUENCY**

ACTION	DESCRIPTION
Definition of element	The frequency of the fixing of the index indicated in TRANSFER_PRICEFORMULA.FIXINGINDEX.
Description	This field identifies the frequency of the fixing of the index used to set the price the transferee pays to the transferor.
	For example, it refers to the daily, weekly, monthly, seasonal, annual or other frequency. It does not specify the exact dates and times when the fixing occurs but its frequency.
	If the price formula adopted for the transaction has several indices with different frequency of the fixing, market participants shall report in this field each fixing frequency of each index.
	The following codes are permitted:
	ZEJ = Annual
	ZEK = Quarterly
	ZEL = Monthly
	ZEM = Daily
	ZEO = Seasonal
	ZEP = Weekly
	ZEQ = Half hourly
	ZER = Hourly
	ZES = Other
	(Reference Edig@s SpanType code list)
Size	The length of this element is 3 characters.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case where the attribute TRANSFER_PRICEFORMULA.FIXINGINDEX is populated.

206

207   **3.1.6   RULES GOVERNING THE AUCTIONROUND_CHARACTERISTIC CLASS**

208   There may be zero to many AuctionRound_Characteristic classes in a Transportation_Transaction.
209   The class is only used in the case of auctions in which case there shall be at least one occurrence.

210   **3.1.6.1 SEQUENCE**

ACTION	DESCRIPTION
Definition of element	The auction round number.
Description	The auction round number is an integer that increments every time an auction achieves no result and is re-run with different parameters - starting at 1.
	This corresponds to TRUM field 39.

	In the case of auctions without bidding rounds this value shall always be 1.
Size	A sequence may not exceed 3 numeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

211 **3.1.7   RULES GOVERNING THE BID CLASS**

212 There may be one to many Bid classes in an AuctionRound_Characteristic class.

213 **3.1.7.1   IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	Numerical identifier of the bid as assigned by the reporting entity.
Description	The identification of the bid as defined by the reporting entity. ***This corresponds to TRUM field 38.***
Size	The maximum length of the identification is 35 alphanumeric characters.
Applicability	The identification is mandatory.
Dependence requirements	None.

214 **3.1.7.2   BID_QUANTITY.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The quantity being bid for expressed in the measure unit.
Description	The quantity being bid for expressed in the measure unit. ***This corresponds to TRUM field 41.*** A decimal point value may be used to express values that are inferior to the defined unit of measurement. The decimal mark that separates the digits forming the integral part of a number from those forming the fractional part (ISO 6093) shall always be a period ("."). All quantities are unsigned values.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the quantity depends on local market rules.
Applicability	This information is mandatory.
Dependence requirements	None.

215 **3.1.7.3   MINIMUMBID_QUANTITY.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The minimum quantity the transferee/transferor would be willing to acquire/sell on creating the trade proposal.
Description	The minimum quantity the transferee/transferor would be willing to acquire/sell on creating the trade proposal. ***This corresponds to TRUM field 33.*** A decimal point value may be used to express values that are inferior to the defined unit of measurement. The decimal mark that separates the digits forming the integral part of a number from those forming the fractional part (ISO 6093) shall always be a period ("."). All quantities are unsigned values.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the quantity depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of a secondary market transaction.

216   **3.1.7.4   MAXIMUMBID_QUANTITY.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The maximum quantity the transferee/transferor would be willing to acquire/sell on creating the trade proposal.
Description	The maximum quantity the transferee/transferor would be willing to acquire/sell on creating the trade proposal. ***This corresponds to TRUM field 32.*** A decimal point value may be used to express values that are inferior to the defined unit of measurement. The decimal mark that separates the digits forming the integral part of a number from those forming the fractional part (ISO 6093) shall always be a period ("."). All quantities are unsigned values.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the quantity depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of a secondary market transaction.

217   **3.1.7.5   BID_PRICE.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The price bid for each unit of capacity excluding the reserve price. Expressed in the currency and measure unit.
Description	The price bid for each unit of capacity excluding the reserve price. Expressed in the currency and measure unit. **This corresponds to TRUM field 40.**
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is mandatory.
Dependence requirements	None.

218   **3.1.7.6   MINIMUMBID_PRICE.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The minimum the transferor would be willing to offer, expressed in the currency per measure unit.
Description	The minimum the transferor would be willing to offer, expressed in the currency per measure unit. ***This corresponds to TRUM field 31.***
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of a secondary market transaction.

219   **3.1.7.7   MAXIMUMBID_PRICE.AMOUNT**

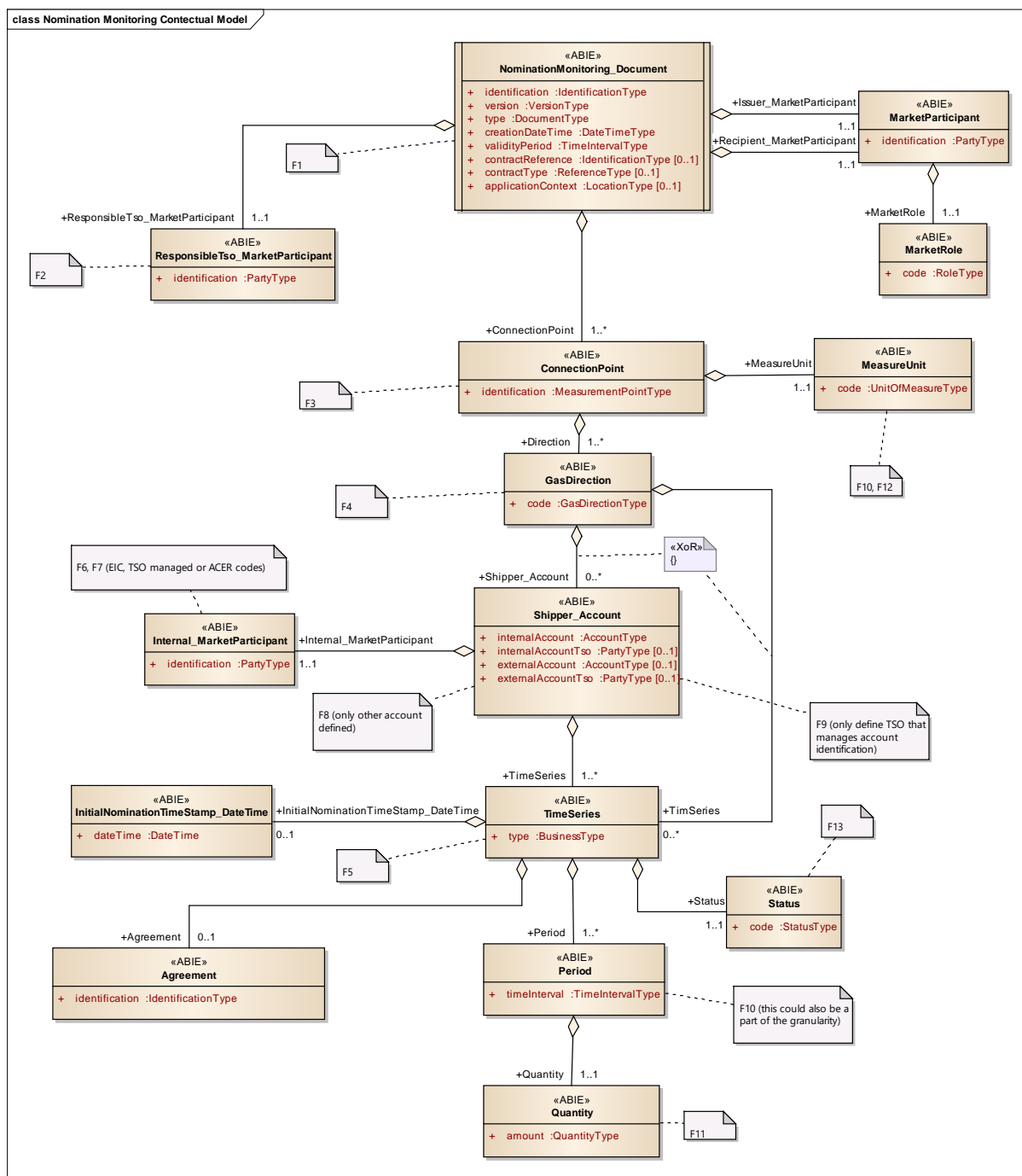| ACTION	DESCRIPTION
Definition of element	The maximum the transferee would be willing to offer, expressed in the currency per measure unit.
Description	The maximum the transferee would be willing to offer, expressed in the currency per measure unit. ***This corresponds to TRUM field 30.***
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of a secondary market transaction.

220

221   # 4   NOMINATION MONITORING PROCESS

222   ## 4.1   CONTEXTUAL MODEL FOR THE NOMINATION MONITORING
223   DOCUMENT

224

225   **FIGURE 5: NOMINATION MONITORING DOCUMENT CONTEXTUAL MODEL**

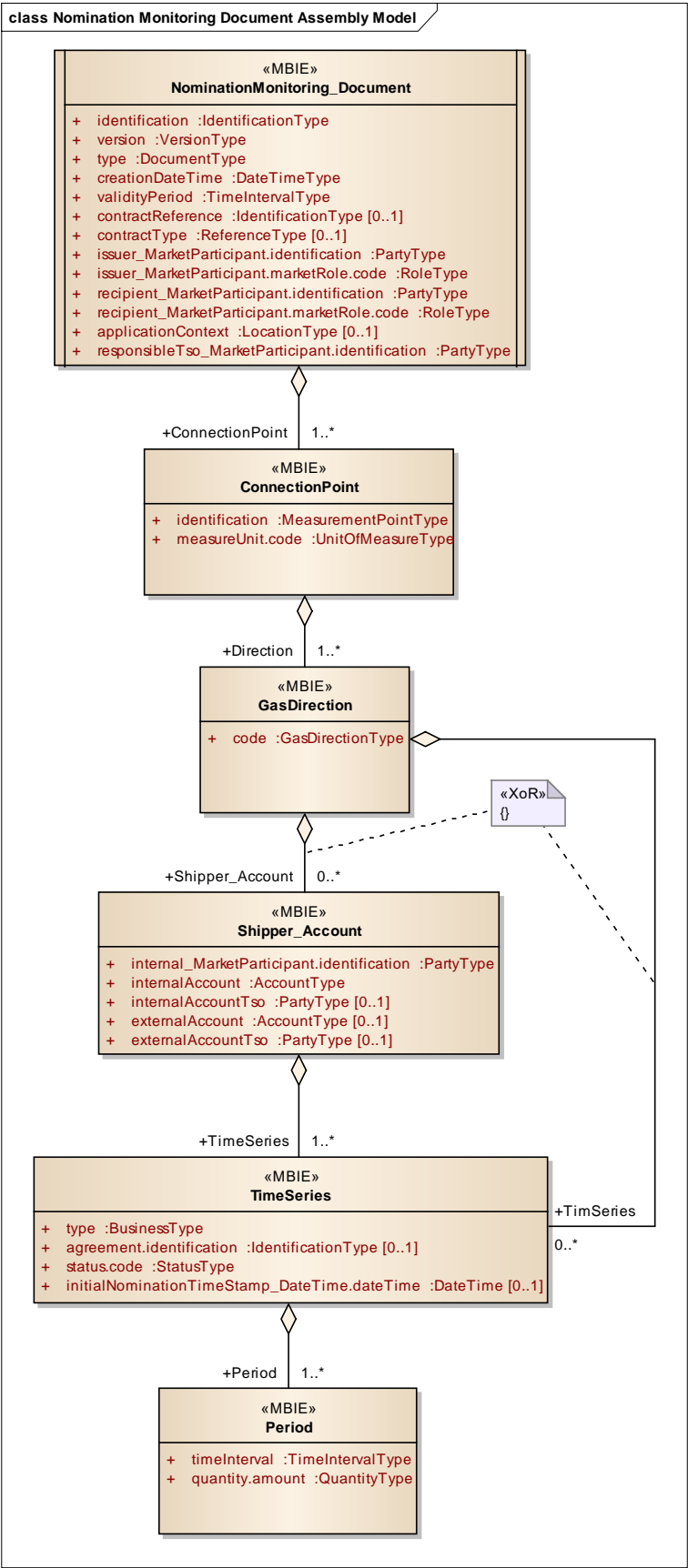226   **4.1.1   INFORMATION MODEL STRUCTURE**

227

FIGURE 6: NOMINATION MONITORING DOCUMENT ASSEMBLY MODEL

229 **4.1.2   INFORMATION MODEL DESCRIPTION**

230 A Nomination Monitoring Document is used by a Data Provider to transmit the initial and final Shipper
231 nominations as well as the nomination assignments to a central agency. It may also be used to
232 provide aggregated nomination information.

Nomination Monitoring dependency table				
Class or attribute	Detailled nominations	Aggregate nominations	Nomination assignments	Physical flows
Document.type	ANJ Nomination and allocation information	ANM Aggregated nomination and allocation information	ANH Nomination assignment	ANK Physical flow information
ConnectionPoint class	Used	Used	Used	Used
GasDirection class	Used	Used	Used	Used
Shipper_Account class	Used	Not used	Used	Not used
TimeSeries.type	ZEY Initial nominated flow ZFC Last (re) nomination ZEZ Provisional allocation	ZEY Initial nominated flow ZFC Last (re) nomination	ZFD Nomination assignment	ZFA Physical flow
TimeSeries.agreement.identification	Used for allocations	Not used	Not used	Not used
TimeSeries.status.code	04G Provisional value 05G Definitive value 66G Changed 64G Allocated	04G Provisional value 05G Definitive value	04G Provisional value 05G Definitive value	04G Provisional value 05G Definitive value
TimeSeries.initialNominationTimeStamp_DateTime	Used for code ZEY	Not used	Not used	Not used
Period class	Used	Used	Used	Used

233

234 **4.1.3   RULES GOVERNING THE NOMINATION MONITORING DOCUMENT CLASS**

235 A document is uniquely identified by:

236   • The identification of the document

237   • The issuer identification

238   • The identification of the version.

239 The attribute "release" that is in the schema header shall indicate the release of the XML schema.
240 This value only changes when there is an effective change to the XML schema content. The "release"
241 attribute shall always be "1" for this version of the document.

242   **4.1.3.1   IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	Identification of the document describing the Nomination Monitoring Document.
Description	A Nomination Monitoring Document must have a unique identification assigned by the issuer of the document to be sent to a recipient for a given validity period. The issuer must guarantee that this identification is unique over time.
Size	The identification of a Nomination Monitoring Document may not exceed 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

243   **4.1.3.2 VERSION**

ACTION	DESCRIPTION
Definition of element	Version of the document being sent.
Description	The document version is used to identify a given version of a Nomination Monitoring Document. The first version number for a given document identification shall normally be 1. The document version number must be incremented for each retransmission of a document that contains changes to the previous version. The receiving system shall only accept a document with a version number which is greater than the previous version number of the same document.
Size	A version number may not exceed 3 numeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

244   **4.1.3.3   TYPE**

ACTION	DESCRIPTION
Definition of element	The type of the document being sent.
Description	This identifies the type of Nomination Monitoring Document that is being sent. The following types of Nomination Monitoring Document are permitted: ANJ = Nomination and allocation information. ANH = Nomination assignment ANK = Physical flow information. ANM = Aggregated nomination and allocation information. (Reference Edig@s DocumentType code list).
Size	A type may not exceed 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

245   **4.1.3.4   CREATIONDATETIME**

ACTION	DESCRIPTION
Definition of element	Date and time of the creation of the document.
Description	The date and time that the document was prepared for transmission by the application of the issuer.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

246   **4.1.3.5   VALIDITYPERIOD**

ACTION	DESCRIPTION
Definition of element	The start and end date and time of the period of validity covered in the document.
Description	This information provides the start and end date and time of the period of validity of the document.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

247 **4.1.3.6   CONTRACTREFERENCE**

ACTION	DESCRIPTION
Definition of element	Reference to a contract covering the Nomination Monitoring Document.
Description	The contract reference provides the contract identification relevant for the whole document.
Size	The contract reference may not exceed 35 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	*This information is not used in the case of REMIT transmissions.*

248 **4.1.3.7   CONTRACTTYPE**

ACTION	DESCRIPTION
Definition of element	Identification of the type of contract covering the document.
Description	The contract type identifies the nature of the contract defined in the document. Refer to the Edig@s ReferenceType code list for the list of valid codes.
Size	The maximum length of the contract type is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	*This information is not used in the case of REMIT transmissions.*

249   **4.1.3.8   ISSUER_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the party who has issued the document.
Description	The issuer of the document is identified by a unique coded identification. This code identifies the party that is the "owner" of the information being transmitted in the document. ***This corresponds to MOP ON DATA REPORTING field 1.*** The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of an issuer's identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

250   **4.1.3.9   ISSUER_MARKETPARTICIPANT.MARKETROLE.CODE**

ACTION	DESCRIPTION
Definition of element	Identification of the role that the party who has issued the document is playing.
Description	The role being played by the issuer of the document for this transmission. The following roles are permitted for this document: ZSO = System Operator ZUA = Market Information Aggregator (Reference Edig@s RoleType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

251 **4.1.3.10 RECIPIENT_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the party who is receiving the document.
Description	The recipient of the document is identified by a unique coded identification. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of a recipient's identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

252 **4.1.3.11 RECIPIENT_MARKETPARTICIPANT.MARKETROLE.CODE**

ACTION	DESCRIPTION
Definition of element	Identification of the role that the party who receives the document is playing.
Description	The role being played by the recipient of the document for this transmission. The following role is permitted for this document: ZUA = Market Information Aggregator. (Reference Edig@s RoleType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

253   **4.1.3.12 APPLICATIONCONTEXT – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of a particular context that is significant to the recipient.
Description	The application context is used to identify a particular context (location, application, etc.) that is relevant to the recipient of the document. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC location code.
Size	The maximum length of an application context's identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	*This information is not used in the case of REMIT transmissions.*

254   **4.1.3.13 RESPONSIBLETSO_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the Transmission System Operator responsible for the information in the document.
Description	The Transmission System Operator responsible for the information in the document is identified by a unique coded identification. ***This corresponds to MOP ON DATA REPORTING field 2.*** The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of an responsible TSO's identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

255 **4.1.4 RULES GOVERNING THE CONNECTION POINT CLASS**

256 There may be one to many connection points in a Nomination Monitoring Document.

257 There may only be one Connection Point class for a given Connection Point Identification.

258 **4.1.4.1 IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of a connection point.
Description	The identification of a connection point within a System Operator's system. *This corresponds to MOP ON DATA REPORTING field 3.* The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC measurement point.
Size	The maximum length of the connection point identification is 35 alphanumeric characters. The maximum length of the coding scheme is 3 alphanumeric characters.
Applicability	Both the connection point identification and the coding scheme are mandatory.
Dependence requirements	None.

259   **4.1.4.2   MEASUREUNIT.CODE**

ACTION	DESCRIPTION
Definition of element	The unit of measure which is applied to all the quantities in the time series of the document.
Description	The unit of measurement used for all the quantities expressed within a time series.
	This corresponds to MOP ON DATA REPORTING field 12.
	The following are the codes recommended for use:
	KW1 = Kilowatt-hour per hour (kWh/h)
	KW2 = Kilowatt-hour per day (kWh/d)
	HM1 = Million cubic meters per hour
	HM2 = Million cubic meters per day
	TQH = Thousand cubic meters per hour
	TQD = Thousand cubic meters per day
	MQ6 = Normal cubic meters per hour
	MQ7 = Normal cubic meters per day
	KWH = Kilowatt hour (KWh)
	GWH= Gigawatt hour (GWh)
	(Reference Edig@s UnitOfMeasure code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

260   **4.1.5   RULES GOVERNING THE GASDIRECTION CLASS**

261   The GasDirection class is used to identify whether the gas defined for a time series is entering the
262   Responsible Transmission System Operator's area or leaving it.

263   The information provided underneath may be on an account basis or an aggregated basis.

264   **4.1.5.1   CODE**

ACTION	DESCRIPTION
Definition of element	Identifies how the energy flow is to be seen from the perspective of the System Operator's area.
Description	This identifies the direction of the energy flow. ***This corresponds to MOP ON DATA REPORTING field 4.*** Permitted codes are: Z02 = Input Z03 = Output (Reference Edig@s GasDirectionType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

265   **4.1.6   RULES GOVERNING THE SHIPPER_ACCOUNT CLASS**

266   The Shipper_Account class is used to identify a given set of Shipper accounts for a nomination. The
267   internal Market Participant identifies the Market Participant that provided the nomination information
268   to the Responsible Transmission System Operator and is the owner of the internal account.

269   This information is not provided in the case of the transmission of aggregated values.

270   **4.1.6.1   INTERNAL_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the Market Participant that provided the nomination information to the Responsible Transmission System Operator.
Description	The Market Participant that provided the nomination information to the Responsible Transmission System Operator is identified by a unique coded identification. ***This corresponds to MOP ON DATA REPORTING field 6.*** The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate one of the following; • The code "305" for an EIC party code. • The code "A01" for an ACER code. • The code "ZSO" for a TSO managed code.
Size	The maximum length of an internal market participant's identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

271 **4.1.6.2 INTERNALACCOUNT – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of an internal account that is defined by the recipient System Operator.
Description	The identification of an internal account that is defined by the recipient System Operator and that is owned by the Internal Market Participant.
	This corresponds to MOP ON DATA REPORTING field 6.
	The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "ZSO" for a System Operator code or "305" for an EIC area code.
Size	The maximum length of the internal account is 35 alphanumeric characters.
	The maximum length of the coding scheme is 3 alphanumeric characters.
Applicability	Both the internal account and the coding scheme are mandatory.
Dependence requirements	None.

272 **4.1.6.3 INTERNALACCOUNTTSO – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the System Operator that created the internal account identification.
Description	The System Operator that created the internal account identification.
	The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of the identification is 16 alphanumeric characters.
	The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	The InternalAccountTso is required if the identification of the System Operator that created the account is ambiguous.

273   **4.1.6.4   EXTERNALACCOUNT – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of the external account that is defined by the adjacent System Operator.
Description	The identification of the external account that is defined by the adjacent System Operator. ***This corresponds to MOP ON DATA REPORTING field 8.*** The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "ZSO" for a System Operator code or "305" for an EIC area code.
Size	The maximum length of the external account is 35 alphanumeric characters. The maximum length of the coding scheme is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	The external account is not always used in the case of end user schedules

274   **4.1.6.5   EXTERNALACCOUNTTSO – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the System Operator that created the External account identification.
Description	The System Operator that created the External account identification. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of the identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	The ExternalAccountTso is required if the identification of the System Operator that created the account is ambiguous.

275 ### 4.1.7 RULES GOVERNING THE TIMESERIES CLASS

276 There must be a TimeSeries class for a Shipper Account class in the case of detailed reporting.

277 There must be a TimeSeries class for a GasDirection class in the case of aggregated reporting.

278 A TimeSeries class is used to identify the type of time series that is being provided. There may be
279 multiple time series for a Shipper account class or a gas direction class.

280 #### 4.1.7.1 TYPE

ACTION	DESCRIPTION
Definition of element	The identification of the type of product.
Description	The type of product that was nominated.
	This corresponds to MOP ON DATA REPORTING field 5.
	The following codes are permitted:
	ZFA = Physical flow
	Z12 = Commercial flow results (= confirmed quantity)
	ZEY = Initial nominated flow
	ZEZ = Provisional allocation
	ZFC = Last (re) nomination
	ZFD = Nomination assignment
	(Reference Edig@s BusinessType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

281 **4.1.7.2   AGREEMENT.IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	The identification of an agreement reference assigned by a Transmission System Operator or by an Organised Market Place Operator concerning a capacity allocation.
Description	The identification of an agreement identification that is used in the case of nomination assignment in order to enable the nomination of allocated capacity with the correct balancing group a nomination assignment has to be provided containing the agreement identification and including the Market Participant (identified in 4.1.6.1 INTERNAL_MARKETPARTICIPANT.IDENTIFICATION) in order to identify a balance group for nomination that is different to the balance group in the original transaction.
Size	The agreement identification may not exceed 35 alphanumeric characters.
Applicability	The identification is dependent.
Dependence requirements	The information is only provided if 4.1.3.3 "TYPE" is set to "ANH" and 4.1.7.1 "TYPE" is set to "ZFD".

282 **4.1.7.3   STATUS.CODE**

ACTION	DESCRIPTION
Definition of element	The status of the information being provided.
Description	The status of the information being provided. ***This corresponds to MOP ON DATA REPORTING field 13.*** The following codes are permitted: 04G = Provisional value 05G = Definitive value For example In the case where the TimeSeries.type = ZFA (Physical flow) both status 04G and 05G are possible In the case where the TimeSeries.type = Z12 (Commercial flow results the status shall be 05G In the case where the TimeSeries.type = ZEY (Initial nominated flow) the status shall be 05G In the case where the TimeSeries.type = ZEZ (Provisional allocation) the status shall be 04G In the case where the TimeSeries.type = ZFC (Last (re) nomination) the status shall be 05G In the case where the TimeSeries.type = ZFD (Nomination assignment) the status shall be 05G (Reference Edig@s StatusType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

283 **4.1.7.4 INITIALNOMINATIONTIMESTAMP_DATETIME**

ACTION	DESCRIPTION
Definition of element	Date and time that the initial nomination was received.
Description	The date and time that the initial nomination was received by the responsible system operator. The initial nomination corresponds to the last day ahead nomination received before 14h00 local time.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is dependent.
Dependence requirements	This is only present in the case of a time series that equals "ZEY" – initial nominated flow, and depends on local market rules.

284 **4.1.8 RULES GOVERNING THE PERIOD CLASS**

285 There must always be a Period class. A time interval instance value (e.g. 2012-05-23T01:00Z/2012-
286 05-23T02:00Z) may only appear once within a TimeSeries class.

287 The Period shall cover one or multiple intervals of a whole gas day.

288 **4.1.8.1 TIMEINTERVAL**

ACTION	DESCRIPTION
Definition of element	The start and end date and time of the time interval of the period in question.
Description	This information provides the start and end date and time of the period being reported. ***This corresponds to MOP ON DATA REPORTING field 10.***
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

289   **4.1.8.2   QUANTITY.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The quantity expressed in the unit of measure described in 4.1.4.2 for the period within the time interval in question.
Description	This information defines the quantity expressed in the unit of measure described in 4.1.4.2 for the time interval period. ***This corresponds to MOP ON DATA REPORTING field 11.*** A decimal point value may be used to express values that are inferior to the defined unit of measurement. The decimal mark that separates the digits forming the integral part of a number from those forming the fractional part (ISO 6093) shall always be a period ("."). All quantities are unsigned values.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the quantity depends on local market rules.
Applicability	This information is mandatory.
Dependence requirements	None.

290

291

5   AGGREGATED MARKET INFORMATION

5.1   CONTEXTUAL MODEL FOR THE CONTRACT MARKET MONITORING DOCUMENT
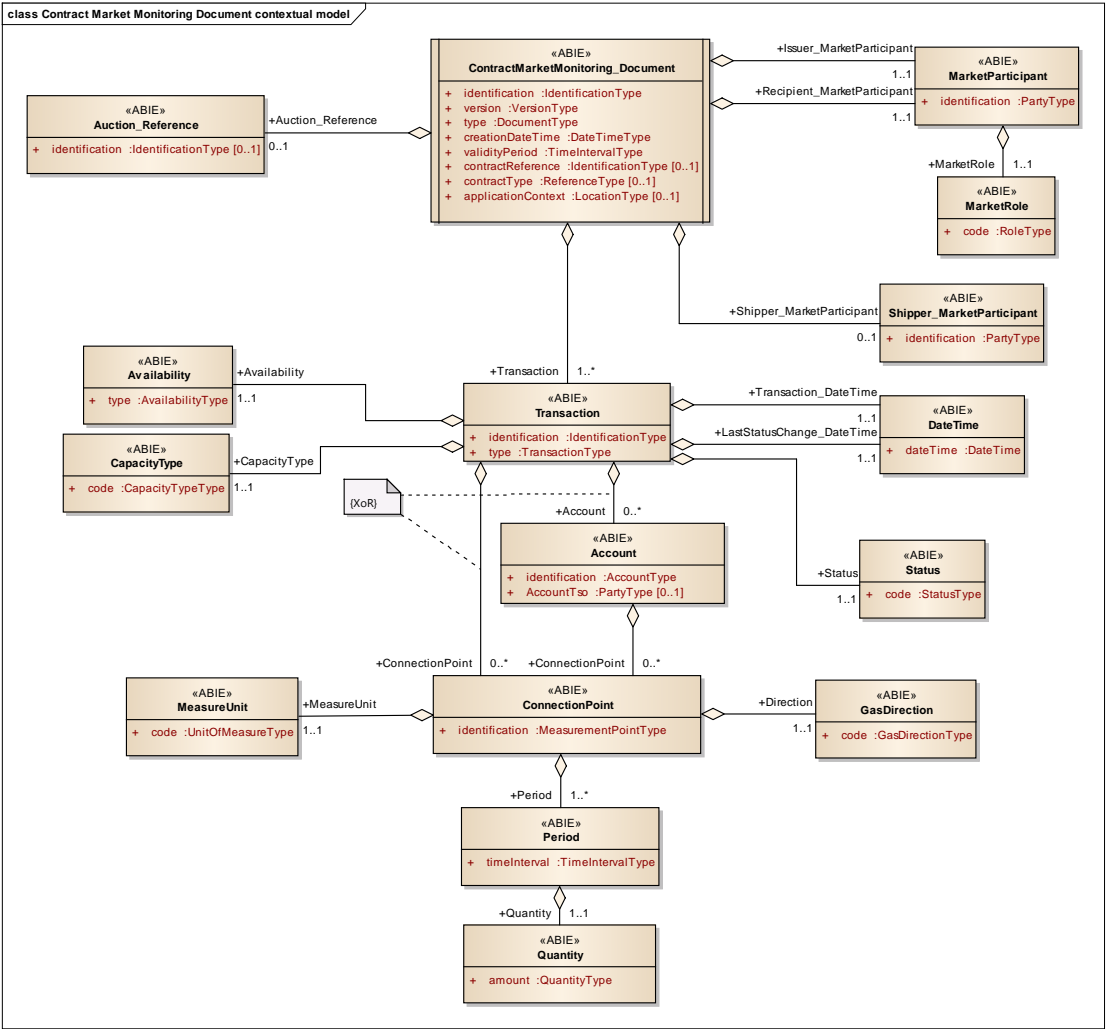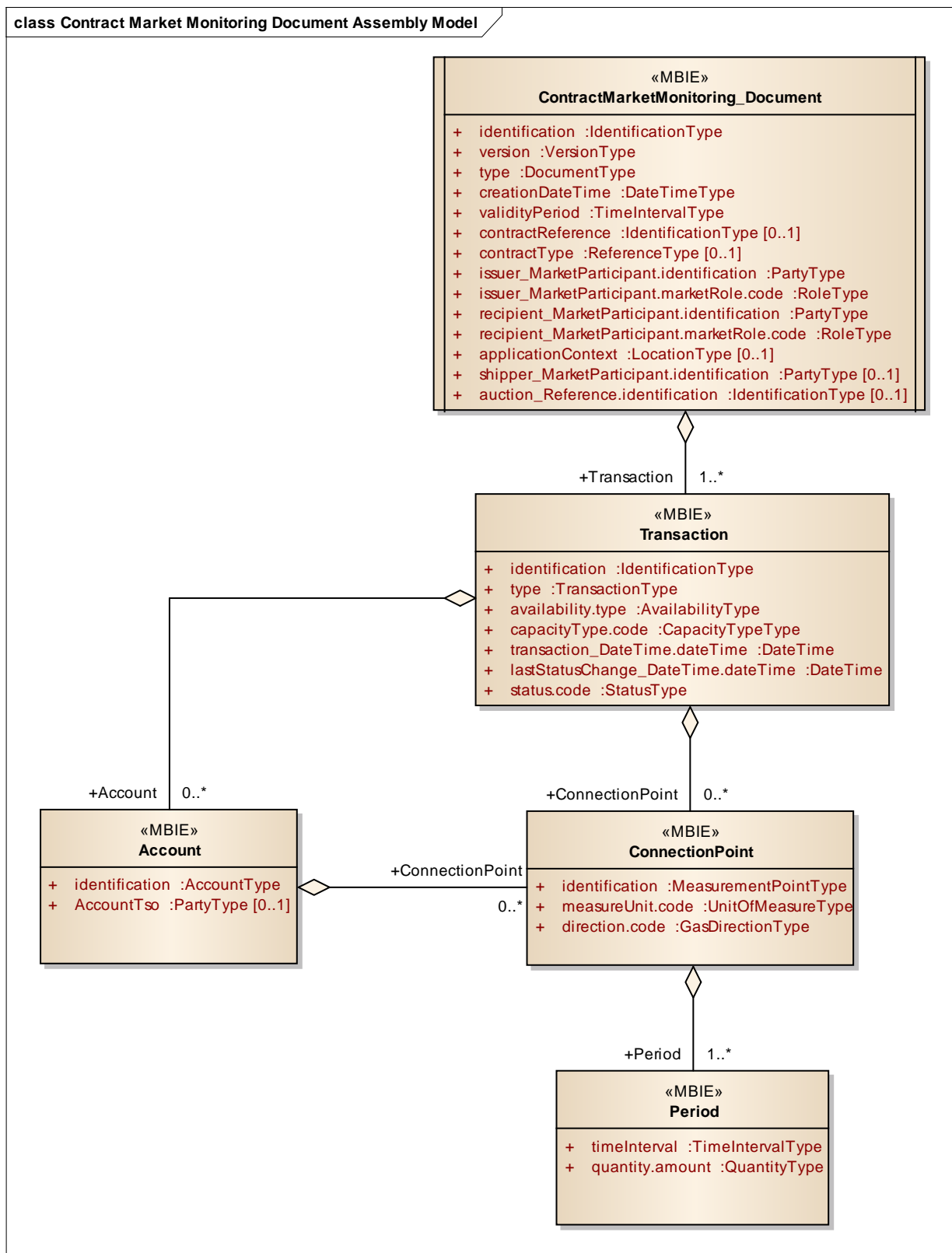

294

FIGURE 7: CONTRACT MARKET MONITORING DOCUMENT CONTEXTUAL MODEL

296   **5.1.1   INFORMATION MODEL STRUCTURE**

297

298   **FIGURE 8: CONTRACT MARKET MONITORING DOCUMENT ASSEMBLY MODEL**

299   **5.1.2   INFORMATION MODEL DESCRIPTION**

300   A Contract Market Monitoring Document is used to provide contractual market information.

301   **5.1.3   RULES GOVERNING THE CONTRACTMARKETMONITORING_DOCUMENT CLASS**

302   A document is uniquely identified by:

303   • The identification of the document
304   • The issuer identification
305   • The identification of the version.

306   The attribute "release" that is in the schema header shall indicate the release of the XML schema. This
307   value only changes when there is an effective change to the XML schema content. The "release" attribute
308   shall always be "1" for this version of the document.

309   **5.1.3.1   IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	Identification of the document describing the Contract Market Monitoring Document.
Description	A Contract Market Monitoring Document must have a unique identification assigned by the issuer of the document to be sent to a recipient for a given validity period. The Issuer must guarantee that this identification is unique over time.
Size	The identification of a Contract Market Monitoring Document may not exceed 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

310   **5.1.3.2   VERSION**

ACTION	DESCRIPTION
Definition of element	Version of the document being sent.
Description	The document version is used to identify a given version of a Contract Market Monitoring Document. The first version number for a given document identification shall normally be 1. The document version number must be incremented for each retransmission of a document that contains changes to the previous version. The receiving system shall only accept a document with a version number which is greater than the previous version number of the same document.
Size	A version number may not exceed 3 numeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

311   **5.1.3.3   TYPE**

ACTION	DESCRIPTION
Definition of element	The type of the document being sent.
Description	This identifies the type of Contract Market Monitoring Document that is being sent. The following type is currently permitted: ANG = Contract Market Monitoring Document. (Reference Edig@s DocumentType code list)
Size	A type may not exceed 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

312   **5.1.3.4   CREATIONDATETIME**

ACTION	DESCRIPTION
Definition of element	Date and time of the creation of the document.
Description	The date and time that the document was prepared for transmission by the application of the Issuer.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

313   **5.1.3.5   VALIDITYPERIOD**

ACTION	DESCRIPTION
Definition of element	The start and end date and time of the period of validity covered in the document.
Description	This information provides the start and end date and time of the period of validity all the auctions in the document.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

314   **5.1.3.6   CONTRACTREFERENCE**

ACTION	DESCRIPTION
Definition of element	The identification of the contract reference covering the contract.
Description	The contract reference provides the contractual identification relevant for the whole document.
Size	The contract reference may not exceed 35 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	*This information is not used in the case of REMIT transmissions.*

315   **5.1.3.7   CONTRACTTYPE**

ACTION	DESCRIPTION
Definition of element	Identification of the type of contract covering the document.
Description	The contract type identifies the nature of the contract specified in the contract reference. Refer to the Edig@s code list for the list of valid codes (Reference Edig@s ReferenceType code list)
Size	The maximum length of the contract type is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	*This information is not used in the case of REMIT transmissions.*

316   **5.1.3.8   ISSUER_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the party who has issued the document.
Description	The Issuer of the document is identified by a unique coded identification. This code identifies the party that is the "owner" of the information being transmitted in the document.
	The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of an Issuer's identification is 16 alphanumeric characters.
	The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

317   **5.1.3.9   ISSUER_MARKETPARTICIPANT.MARKETROLE.CODE**

ACTION	DESCRIPTION
Definition of element	Identification of the role that the party who has issued the document is playing.
Description	The role being played by the Issuer of the document for this transmission.
	The following roles are permitted for this document:
	ZUA = Market Information Aggregator
	(Reference Edig@s RoleType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

318   **5.1.3.10 RECIPIENT_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the party who is receiving the document.
Description	The recipient of the document is identified by a unique coded identification. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of a recipient's identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

319   **5.1.3.11 RECIPIENT_MARKETPARTICIPANT.MARKETROLE.CODE**

ACTION	DESCRIPTION
Definition of element	Identification of the role that the party who receives the document is playing.
Description	The role being played by the recipient of the document for this transmission. The following roles are permitted for this document: ZUA = Market Information Aggregator (Reference Edig@s RoleType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

320 **5.1.3.12 APPLICATIONCONTEXT – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of a particular context that is significant to the recipient.
Description	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.
	The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC location code.
Size	The maximum length of an application context's identification is 16 alphanumeric characters.
	The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	***This information is not used in the case of REMIT transmissions.***

321 **5.1.3.13 SHIPPER_MARKETPARTICIPANT.IDENTIFICATION – CODINGSCHEME**

Definition of element	Identification of the party who is the subject of the contract.
Description	The Shipper concerned by the contract is identified by a unique coded identification.
	The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of a Shipper's identification is 16 alphanumeric characters.
	The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This is only used when a document refers to a specific Shipper.
	This is not used in the case of a REMIT Transmission.

322   **5.1.3.14 AUCTION_REFERENCE.IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	The identification of an auction.
Description	The auction reference provides the identification of an auction.
Size	The auction reference may not exceed 35 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	This is only used if the document refers to a single auction. *This is not used in the case of a REMIT Transmission.*

323   **5.1.4   RULES GOVERNING THE TRANSACTION CLASS**

324   The Transaction class provides all the information related to a specific transaction.

325   The transaction type attribute identifies the nature of the capacity being addressed.

326   The availability attribute identifies the conditions of availability (available firm or booked; interruptible firm
327   or booked, etc).

328   The capacity Type attribute identifies whether or not the capacity is bundled or unbundled.

329

330   Consequently the following dependency table is valid to satisfy the REMIT requirements:

	Available firm capacity	Contracted firm capacity	Available interruptible capacity	Contracted interruptible capacity	Planned interruptions to firm capacity	Unplanned interruptions to firm capacity	Planned interruption of interruptible capacity	Actual interruption of interruptible capacity
type	ZSE Primary capacity	ZSF Primary capacity booked	ZSE Primary capacity	ZSF Primary capacity booked	SZT Planned capacity interruption	ZSU Unplanned capacity interruption	ZST Planned capacity interruption	ZSU Unplanned capacity interruption
Availability	ZFB Available firm capacity ZEW published technical capacity	Z06 Firm (booked)	ZFA Available interruptible capacity ZFD Available total interruptible capacity	Z05 Interruptible (booked)	ZFB Available firm capacity	ZFB Available firm capacity	ZFA Available interruptible capacity	ZFA Available interruptible capacity

331

332

333   **5.1.4.1   IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	The identification of a transaction product.
Description	This provides the identification of a given transaction.
Size	The identification may not exceed 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

334   **5.1.4.2   TYPE**

ACTION	DESCRIPTION
Definition of element	Identification of the type of transaction.
Description	The type identifies the nature of transaction. The permitted codes are: ZSE = Primary capacity ZSF = Primary capacity booking ZSG = Capacity return ZSH = Marketed capacity return ZSI = Given back capacity return ZSJ = Secondary purchase ZSK = Secondary sale ZSL = Secondary lease ZSM = Capacity reservation ZSN = Capacity revocation ZSO = Capacity revocation sold ZSP = Capacity conversion ZSQ = Capacity expansion ZSR = Other types of capacity increase ZSS = Other types of capacity decrease ZST = Planned capacity interruption ZSU = Unplanned capacity interruption ZSV = Actual capacity interruption (Reference Edig@s TransactionType code list)
Size	The maximum length of the contract type is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

335   **5.1.4.3   AVAILABILITY.TYPE**

ACTION	DESCRIPTION
Definition of element	Identification of the type of availability for a quantity.
Description	The availability type indicates if a quantity is firm or interruptible. The following types are permitted: Z04 = Available total firm capacity Z05 = Interruptible (booked) Z06 = Firm (booked) ZEQ = Freely allocable capacity (FZK) ZER = Capacity with capacity allocation restrictions and capacity usage restrictions (bFZK) ZES = Restricted-allocable capacity (BZK) ZET = Dynamically allocable capacity (DZK) ZEU = Temperature related and restricted capacity (TAK) ZEW = published technical capacity ZFA = Available interruptible capacity ZFB = Available firm capacity ZFD = Available total interruptible capacity (Reference Edig@s AvailabilityType code list) Other types of availability are possible depending on local market rules.
Size	The maximum length of the type is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

336   **5.1.4.4   CAPACITYTYPE.CODE**

ACTION	DESCRIPTION
Definition of element	The identification of the type of bundling being offered.
Description	The type of bundling that is identified for the connection point. The following codes are permitted: ZEO = Bundled ZEP = Unbundled (Reference Edig@s CapacityTypeType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

337   5.1.4.5   TRANSACTION_DATETIME.DATETIME

ACTION	DESCRIPTION
Definition of element	Date and time of the transaction.
Description	The date and time that the transaction had been made.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

338   5.1.4.6   LASTSTATUSCHANGE_DATETIME.DATETIME

ACTION	DESCRIPTION
Definition of element	Date and time that the status of the transaction changed.
Description	The date and time that the transaction status has changed.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

339   5.1.4.7   STATUS.CODE

ACTION	DESCRIPTION
Definition of element	The status of the transaction.
Description	This information provides the status of the transaction. The following status values are permitted: 05G = Definitive value 58G = Validated 62G = Active 63G = Cancelled 64G = Allocated 66G = Changed (Reference Edig@s StatusType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None

340 **5.1.5   RULES GOVERNING THE ACCOUNT CLASS**

341 There may be zero to many accounts in a Market Monitoring Document.

342 Note: this information is not provided in the aggregated market information provided in the case of REMIT.

343 **5.1.5.1   IDENTIFICATION– CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of a Shipper account that is defined by a transmitting System Operator.
Description	The identification of a Shipper account that is defined by a transmitting System Operator. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "ZSO" for a System Operator code or the code "305" for an EIC account code.
Size	The maximum length of the identification is 35 alphanumeric characters. The maximum length of the coding scheme is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

344 **5.1.5.2   ACCOUNTTSO – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	Identification of the Transmission System Operator that assigned the account identification.
Description	The Transmission System Operator that assigned an account identification is identified by a unique coded identification. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of a System Operator's identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This identification is only used when it is necessary to ensure complete unambiguity of an account identification.

345 **5.1.6 RULES GOVERNING THE CONNECTIONPOINT CLASS**

346 A transaction may identify directly multiple connection points or a Shipper account that depends on the
347 transaction. These two possibilities are however mutually exclusive.

348 Note: In the case of REMIT only connection point information is provided.

349 **5.1.6.1 IDENTIFICATION – CODINGSCHEME**

ACTION	DESCRIPTION
Definition of element	The identification of a connection point.
Description	The identification of a connection point within a System Operator's system. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC measurement point.
Size	The maximum length of the connection point identification is 35 alphanumeric characters. The maximum length of the coding scheme is 3 alphanumeric characters.
Applicability	Both the connection point identification and the coding scheme are mandatory.
Dependence requirements	None.

350   **5.1.6.2   MEASUREUNIT.CODE**

ACTION	DESCRIPTION
Definition of element	The unit of measure which is applied to all the quantities in the document.
Description	The unit of measurement used for all the quantities expressed within a time series. The following are the codes recommended for use: KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d) KWH = Kilowatt hour (KWh) GWH= Gigawatt hour (GWh) HM1 = Million cubic meters per hour HM2 = Million cubic meters per day TQH = Thousand cubic meters per hour TQD = Thousand cubic meters per day MQ6 = Normal cubic meters per hour MQ7 = Normal cubic meters per day (Reference Edig@s UnitOfMeasure code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

351   **5.1.6.3   DIRECTION.CODE**

ACTION	DESCRIPTION
Definition of element	Identifies how the energy flow has to be seen from the perspective of the System Operator's area.
Description	This identifies the direction of the energy flow. Permitted codes are: Z02 = Input Z03 = Output (Reference Edig@s GasDirectionType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

352   **5.1.7   RULES GOVERNING THE PERIOD CLASS**

353   There may be one to many periods for a given connection point.

354   **5.1.7.1   TIMEINTERVAL**

ACTION	DESCRIPTION
Definition of element	The start and end date and time of the time interval of the period in question.
Description	This information provides the start and end date and time of the period being auctioned.
Size	Refer to section 1.2 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

355   **5.1.7.2   QUANTITY.AMOUNT**

ACTION	DESCRIPTION
Definition of element	The quantity reported for the connection point within the time interval in question.
Description	This information defines the quantity for the connection point within the time interval period. A decimal point value may be used to express values that are inferior to the defined unit of measurement. The decimal mark that separates the digits forming the integral part of a number from those forming the fractional part (ISO 6093) shall always be a period ("."). All quantities are unsigned values.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the quantity depends on local market rules.
Applicability	This information is mandatory.
Dependence requirements	None.

356

357 **6   DOCUMENT CHANGE LOG**

Package	Version	Date	Description
5.1	1	2015-01-30	Initial release.
5.1	2	2015-02-17	Added the possibility to use TSO or ACER managed codes for the internal_MarketParticipant.identification in the Nomination Monitoring Document.
5.1	3	2022-08-25	Amendments following request for change by ACER: - Added ACE code for codingScheme for ACER assigned codes - Added more currency codes to be accepted - Added ZSH and ZUA as accepted Marked Roles - Added check that identifications for EIC and ACE codes are between 12 and 16 characters - Added transaction type codes (ZTA, ZTB, ZTC, ZTD, ZTE, ZTF, ZSP, ZSG) to be accepted - Added new attributes for transferPrice.formula - Ammendments of definitions for Procedure types A01, A02, A03, A04 and added A05, A06 as accepted codes - Added 75G as accepted status code - Changed attributes back from RECIPIENT_xx to RECEIVER_xx

358