SECTION

IV Settlement Process

Version 5.1

EASEE-gas/Edig@s Workgroup

Document version: 5

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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.

For the definition of the roles outlined in figure 1 refer to the Edig@s RoleType codelist.

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 Edig@s standard has been created to facilitate the exchanges required to support the activities for the exchange of information within gas market. The principal activities within the settlement process are outlined in the use case diagram in figure 1.

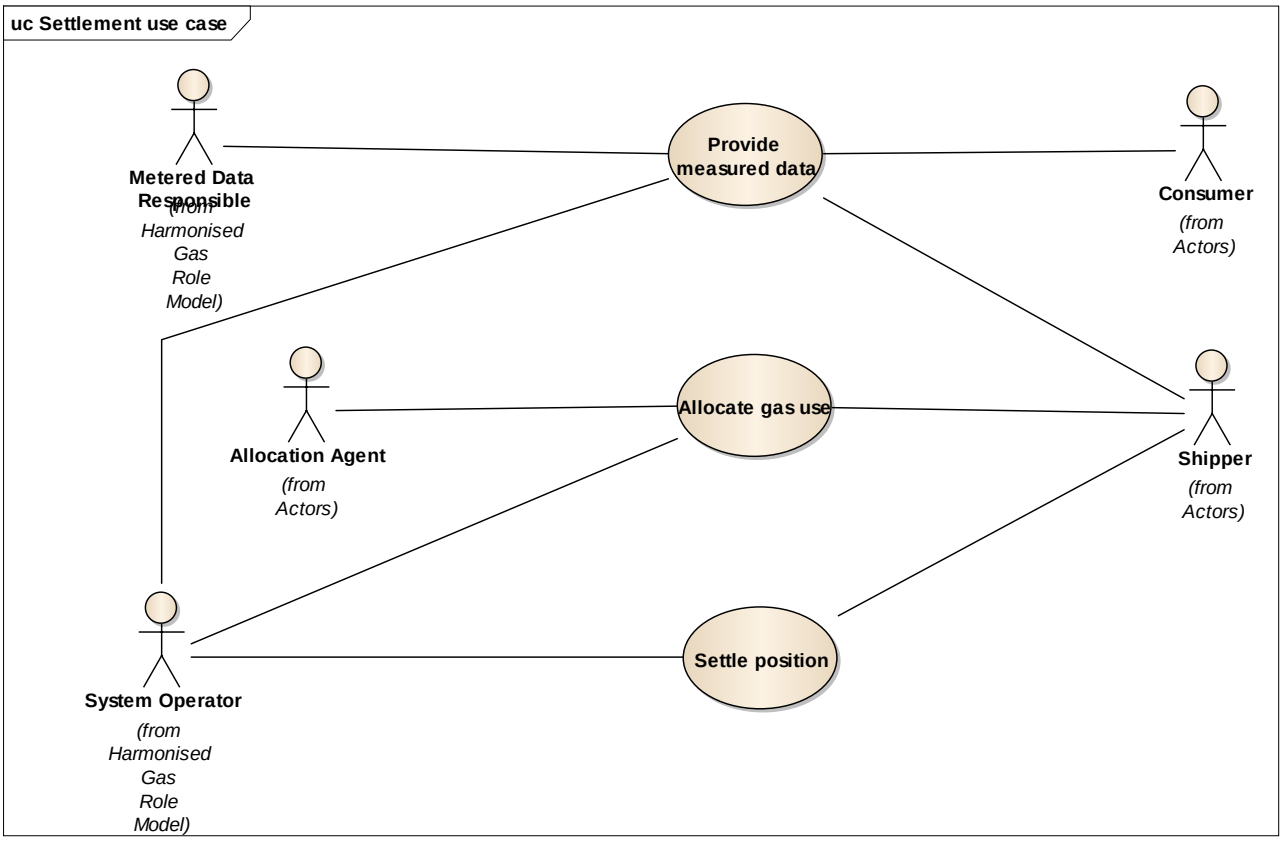

FIGURE 1: THE SETTLEMENT USE CASE

2.1 PROVIDE MEASURED DATA

The Metered Data Responsible provides the measured data to the System Operator or Allocation Agent who compiles the information and provides it to all interested parties.
The System Operator may, if requested, provide this information to Shippers or other interested parties.

2.2 ALLOCATE GAS USE (DEPRECATED, PLEASE USE MARKET SITUATION DOCUMENT)

Allocation is the process carried out by a System Operator or an Allocation Agent that consists in attributing amounts of energy to its Shippers at a connection point based on confirmed quantities, and metering data in case no Operational Balancing Account (OBA) is in place at such a connection point. The Operational Balancing Account type of allocation shall be given the preference at all connection points.
A distinction shall be made between provisional allocations (the calculation of which is based on non-validated metered data) and definitive allocations (the calculation of which is based on validated metering values).

2.2.1 PROVISIONAL ALLOCATIONS(DEPRECATED, PLEASE USE MARKET SITUATION DOCUMENT)

Shippers shall be provided by the System Operator with provisional allocations at a frequency which is consistent with the balancing regime in force. (

2.2.2 DEFINITIVE ALLOCATIONS

The System Operator shall provide Shippers with definitive allocations as dictated by market rules. The System Operators shall have the opportunity to revise the definitive allocations before the closeout period. Different parties are involved with the movement of gas across a particular connection point. The determination of the quantity, for each particular party, of the actual gas moving through a connection point is done by allocating the actual flow among the parties.
In order to carry this out it is necessary to have information on the operational status, either as a highly frequent status update or as a report on the volumes handled during a specific period.
With this information the operator of the connection point, using a methodology agreed to by the parties involved, performs the allocation of the gas between the involved parties.

2.3 SETTLE POSITION

Once the allocation had been made it is possible to determine if there are any imbalances between the nominated values and the allocated values. The imbalance or reconciliation situation is reported to the concerned Shipper or System Operator in addition to any eventual parameters used for the balancing adjustment. This ensures that with the operational balance of the gas grid the provision of imbalance or reconciliation information can be determined for accounting purposes.
At any point in time a System Operator or a Shipper can be requested to provide to another System Operator or a Shipper his account position (for example, storage or tank level) at a given time.

3 MEASURED DATA ACQUISITION

3.1 FUNCTIONAL DEFINITION

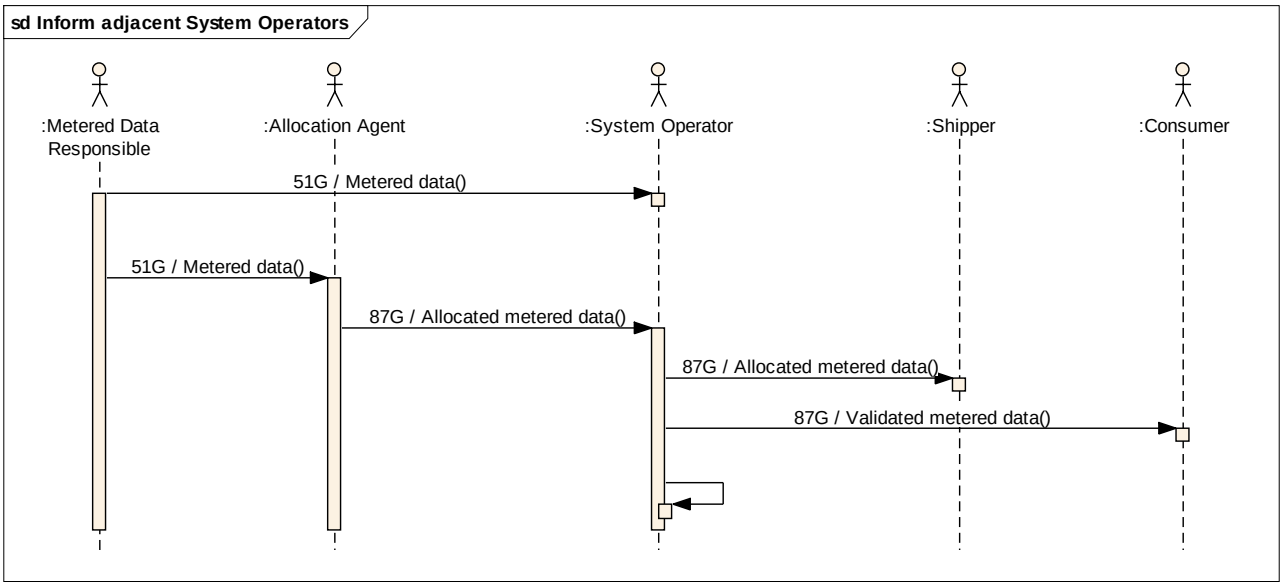

FIGURE 2: THE MEASURED DATA SEQUENCE

The Metered Data Responsible transmits to the System Operator or the Allocation Responsible the measured data concerning the quantities of gas effectively used. This information may be provided with meters that can be read in real time.

The System Operator or the Allocation Responsible then compile this information on a per party and account basis.

If the compilation is made by an Allocation Responsible, once compiled it is sent to the System Operator for further processing.

The System Operator then transmits the metered data that has been effectively allocated to the Balance Responsible Party's and the validated metered data to the Consumers.

The System Operator also informs all adjacent System Operators of the quantities that have been allocated on the common connection points.

3.2 WORKFLOW

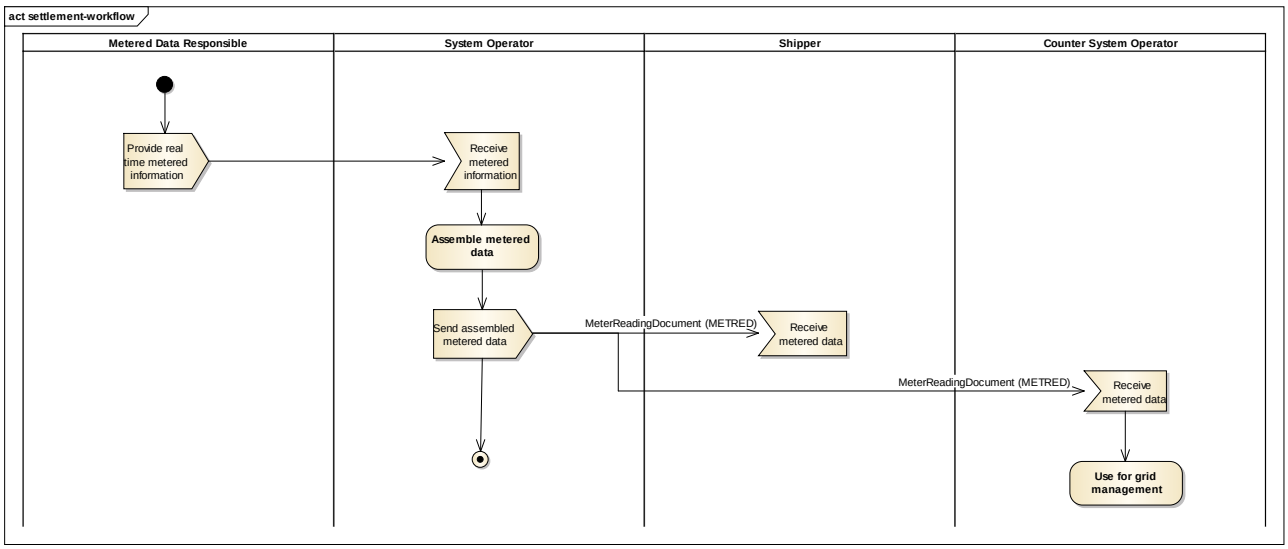

FIGURE 3: MEASURED DATA ACQUISITION WORKFLOW

Generally the metered information is obtained directly by the System Operator from the metering equipment in real time. The System Operator then assembles the collected information into periods and divides it between the different Shippers.

The metered information is then transmitted by the System Operator on a periodic basis.

The System Operator also provides its counter System Operators with their relevant metered information.

3.3 CONTEXTUAL MODEL OF METER READING DOCUMENT (METRED)

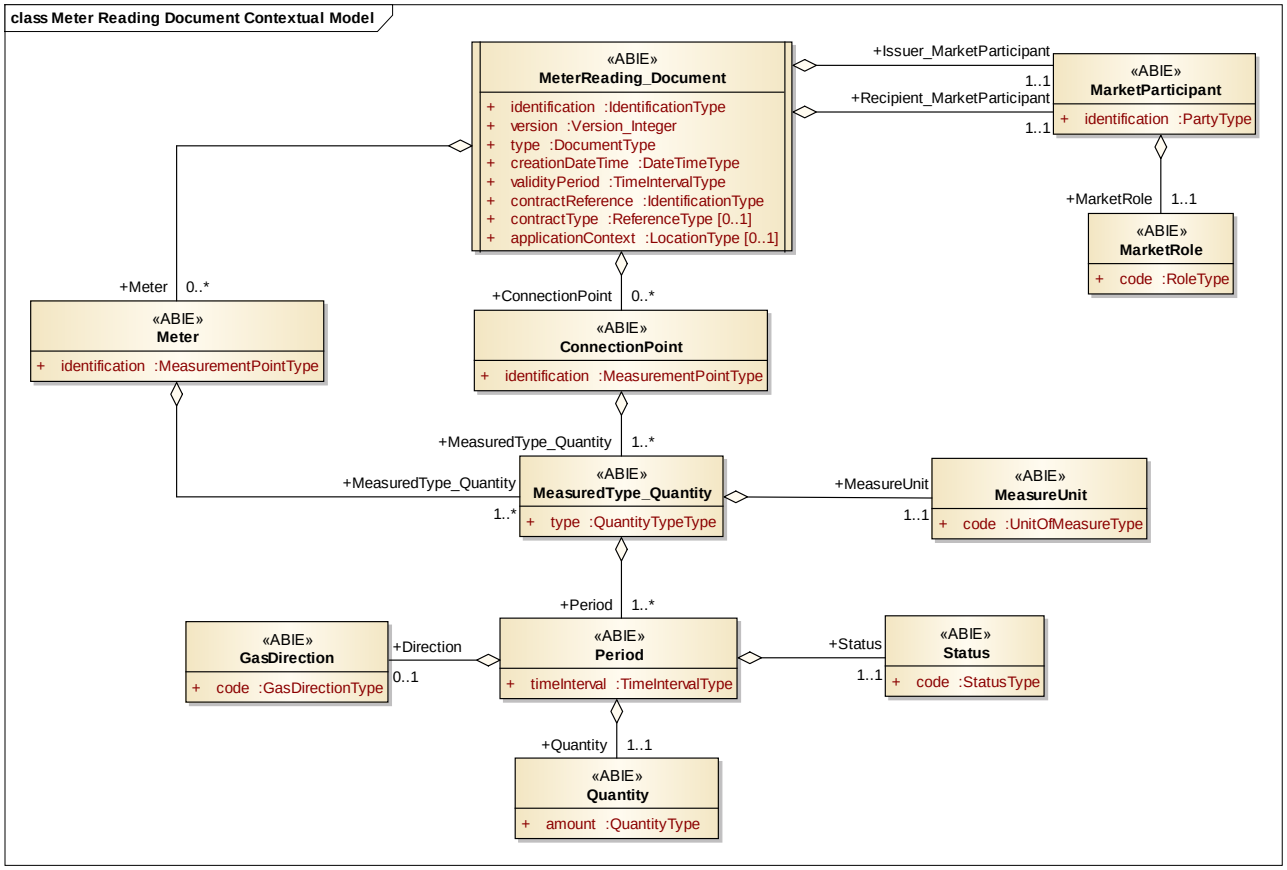

FIGURE 4: METER READING DOCUMENT CONTEXTUAL MODEL

3.3.1 INFORMATION MODEL STRUCTURE

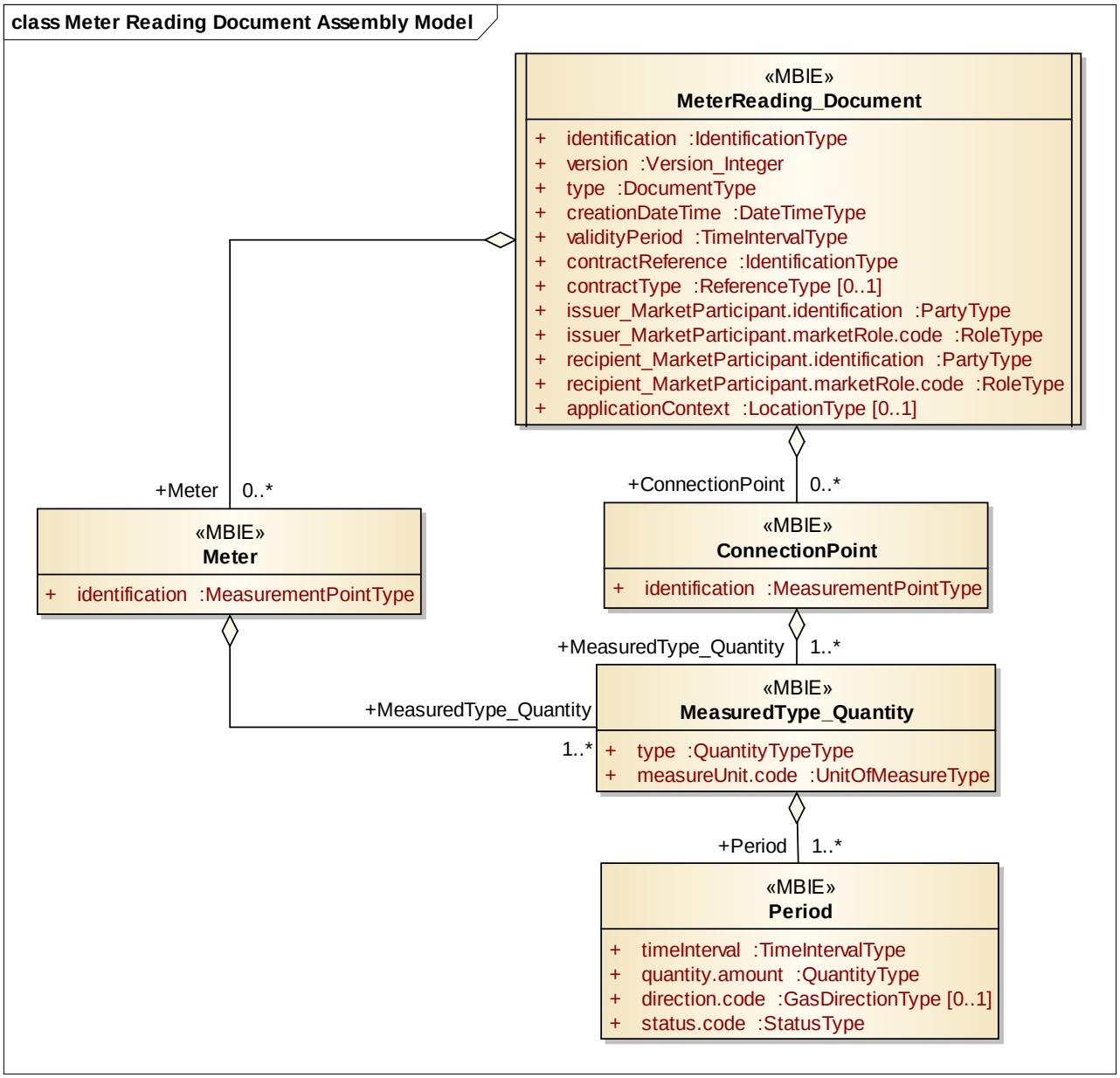

FIGURE 5: METER READING DOCUMENT ASSEMBLY MODEL

3.3.2 INFORMATION MODEL DESCRIPTION

A Meter Reading document is used during the allocation phase by a System Operator to send measurement information and supplier allocations to Shippers and counter System Operators.
It is also used in this phase by a Metered Data Responsible to provide the meter readings to System Operators and Shippers.

3.3.3 RULES GOVERNING THE METER READING DOCUMENT CLASS

A document is uniquely identified by the following attributes:

- The identification of the document
- The issuer identification
- The identification of the version

3.3.3.1 IDENTIFICATION

ACTION	DESCRIPTION
Definition of element	Identification of the document describing the Meter Reading Document.
Description	A Meter Reading 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 Meter Reading Document may not exceed 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

3.3.3.2 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 Meter Reading 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 the document that contains changes to the previous version. The receiving system should ensure that the version number for a document is superior to the previous version number received.
Size	A version number may not exceed 3 numeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

3.3.3.3 TYPE

ACTION	DESCRIPTION
Definition of element	The type of the document being sent.
Description	This identifies the type of Meter Reading Document that is being sent. The following types of Meter Reading Document are permitted: 51G = Measured data transmission: A message transmitted between different parties to inform on the operational status either as a highly frequent status update or as a periodic report on the volumes handled during the period. 87G = Connection point metered data: A message sent by the System Operator to a party after a given period containing metered data on a per connection point basis. The message contains the specified quantities for the period in question (Reference Edig@s DocumentType code list).
Size	A type may not exceed 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

166 #### 3.3.3.4 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.

167 #### 3.3.3.5 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. With message type 51G this period corresponds to the period of the information measured.
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 #### 3.3.3.6 CONTRACTREFERENCE

ACTION	DESCRIPTION
Definition of element	Reference to a contract covering the Metered Reading Document.
Description	The contract reference provides the contract identification that is 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 used if the transmission of such document is included in an interconnection agreement or a commercial contract.

169 #### 3.3.3.1 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 Edigas ReferenceType codelist 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 used depending on local market rules.

170 #### 3.3.3.2 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 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.

171 #### 3.3.3.3 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 ZAA = Allocation Agent ZUE = Metered Data Responsible (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.

172 #### 3.3.3.4 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.

173 #### 3.3.3.5 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: ZSO = System Operator ZSH = Shipper (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.

3.3.3.6 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 use of the Application Context must have previously been mutually agreed contractually. 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	The information is only provided when there is bi lateral agreement between the parties.

3.3.4 RULES GOVERNING THE METER CLASS

The Meter class provides the identification of a specific meter and beneath it identifies per Measured Type class the information that has been measured for the validity period defined in the document header.
A Meter class and a Connection Point class cannot be provided in the same electronic document.

3.3.4.1 IDENTIFICATION – CODINGSCHEME

ACTION	DESCRIPTION
Definition of element	Identification of the meter that the measurements are being provided.
Description	The meter is identified by a unique coded identification. The codification scheme used for the coded identification is indicated by the coding scheme attribute and should indicate the code "305" for an EIC measurement point code or the code "ZSO" for a System Operator code.
Size	The maximum length of a meter 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.

3.3.5 RULES GOVERNING THE CONNECTION POINT CLASS

The Connection Point class provides all the information concerning the quantities that have been metered on a per Measure Type class basis.
The Connection Point class may not appear in the same document with a Meter class.

3.3.5.1 IDENTIFICATION – CODINGSCHEME

ACTION	DESCRIPTION
Definition of element	The identification of the connection point that is being reported.
Description	The identification of the connection point within a System Operator's system for which the document is referencing. 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 code or the code "ZSO" for a System Operator code.
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.

3.3.6 RULES GOVERNING THE INFORMATION MEASUREDTYPE_QUANTITY CLASS

The information in the Measured Type Quantity class provides the quantities that have been measured for a given time interval and the status of the measurement.

3.3.6.1 MEASUREDTYPE

ACTION	DESCRIPTION
Definition of element	The type of the information that has been measured.
Description	This information provides the type of the information that has been measured. The following codes are recommended for use: DN = Density. DN1 = Relative density. TC = Temperature. Z04 = Hourly flow rate. ZAQ = Quantity effective. ZBM = Nominated quantity. ZCA = Hs meter reading. ZCB = Carbonated meter reading. ZCC = Nitrogen meter reading. ZCD = Relative density meter reading. ZCE = Allocation quantity. ZFL = Flow. ZGK = Realized GCV. ZGL = Lowest announced GCV. ZLA = Volume at normal conditions. ZLB = Volume at 20 °C or 293.15 K. ZN = Nitrogen (N2). ZNV = Net Caloric value. ZO = Oxygen (O2). ZPR = Pressure. ZQA = Water dew point. ZQB = Hydrocarbon dew point. ZQD = Carbon dioxide content. ZQE = Hydrogen sulphide. ZQF = Propane content C3H8. ZQG = Ethan content C2H6. ZQH = Methane content CH4. ZQI = Butane content C4H10. ZQJ = Content C6+. ZQK = Content C5H12. ZQN = Mercaplan Sulphur. ZS = Sulphur. ZWI = Wobbe index. ZVC = Volume counter at normal conditions ZVR = Volume counter at measured conditions ZEC = Energy counter ZQR = H2 content ZYH = i-Butane content ZYI = i-Pentane content (Reference Edig@s QuantityTypeType code list).
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

189 #### 3.3.6.2 MEASUREUNIT

ACTION	DESCRIPTION
Definition of element	The unit of measure which is applied to the value that has been measured.
Description	The unit of measurement used for the value measured within the time series. The following are the codes recommended for use: BAR = Bar. CEL = Celsius. GP = Milligram per cubic meter (mg/m3). HM1 = Million cubic meter per hour. HM2 = Million cubic meter per day. JM = Megajoule per cubic meter (MJ/m3). JM1 = Megajoule per hour (MJ/h). JM2 = Megajoule per day (MJ/d). KC1 = Kilocalorie per m3 (kcal/m3). KMQ = Kilogram per cubic meter (kg/m3). KW1 = Kilowatthour per hour (kWh/h). KW2 = Kilowatthour per day (kWh/d). KW3 = Kilowatt hour per cubic meter (kWh/m3). MAW = Megawatt. MOL = Mole %. MPA = MegaPascal (MPa). MQ5 = Normal cubic meter (nm³). MQ6 = Cubic meter per hour (m3/h). MQH = Cubic meter per hour (m3/h). MTQ = Cubic meter (m3). MW2 = Megawatt hours per day. P1 = Percent. R9 = Thousand cubic meter. TQ6 = Thousand normal cubic meter per hour. TQ7 = Thousand normal cubic meter per day. TQD = Thousand cubic meter per day. TQH = Thousand cubic meter per hour. EA = Each. (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.

190 ### 3.3.7 RULES GOVERNING THE PERIOD CLASS

191 There must always be one or many Period classes related to a Measured Type class.

192 #### 3.3.7.1 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 reported.
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.

193 #### 3.3.7.2 QUANTITY.AMOUNT

ACTION	DESCRIPTION
Definition of element	The quantity 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 non-signed values.
Size	The maximum length of this information is 17 numeric characters (decimal mark if used, 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.

194 #### 3.3.7.3 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 (default) Z03 = Output (Reference Edig@s GasDirectionType code list).
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	If no direction is provided it is assumed to be input from the point of view of the issuers System Operator’s area.

195 #### 3.3.7.4 STATUS.CODE

ACTION	DESCRIPTION
Definition of element	The status of the metered information being provided.
Description	This information defines the coded significance of what the status being provided represents. Only one of the following status values are permitted: 03G = Estimated 04G = Provisional 05G = Definitive 58G = Validated. 59G = Replacement value 60G = Average hourly value. (Reference Edig@s StatusType code list).
Size	The maximum length is 3 alphanumeric characters
Applicability	This information is mandatory.
Dependence requirements	None.

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4 MEASURED DATA ALLOCATION

4.1 FUNCTIONAL DEFINITION

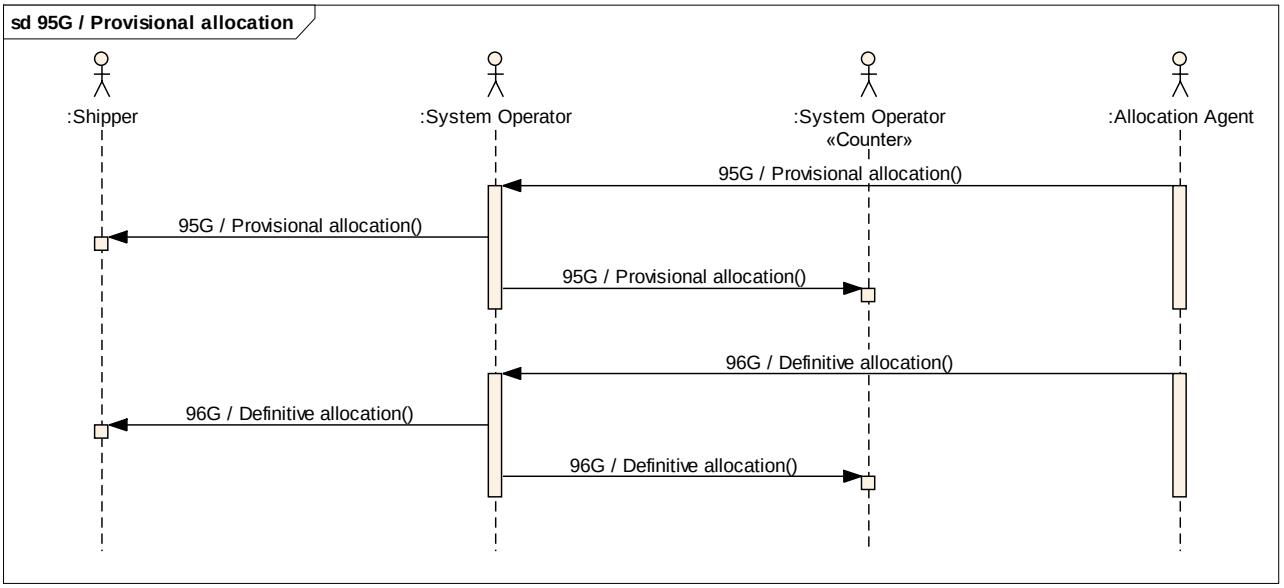

FIGURE 6: THE ALLOCATION SEQUENCE

Once the period has terminated in the case where an Allocation Agent carries out the allocation on behalf of a System Operator, the provisional results are transmitted to the System Operator once completed. As soon as the meter readings are provided to the Allocation Agent the definitive results are transmitted to the System Operator. In the case where there is no Allocation Agent this role is handled by the System Operator.

The System Operators inform each other as well as the Shippers of the provisional allocations that will be assigned to them. This will be complemented when the meter readings are provided and after these a definitive allocation is provided to the interested parties.

The results of the allocation process are provided at a connection point granularity. The allocation process takes into account the actual measured quantities, the scheduled quantities and the agreed allocation method in effect for the allocation period.
The information can also be used by the Shippers to manage their transactions and determine if the actual or estimated gas flows are in balance.

The resulting information is exchanged: to inform the different parties involved about the quantity they really received based on the total quantity of gas.
This process is carried out:

- by the System Operator to advise the Shipper(s) about the allocated quantity at a connection point. He will allocate the total quantity of gas received to all Shippers involved.
- by the System Operator to advise an adjacent System Operator about the allocated quantity at a connection point.

4.2 WORKFLOW

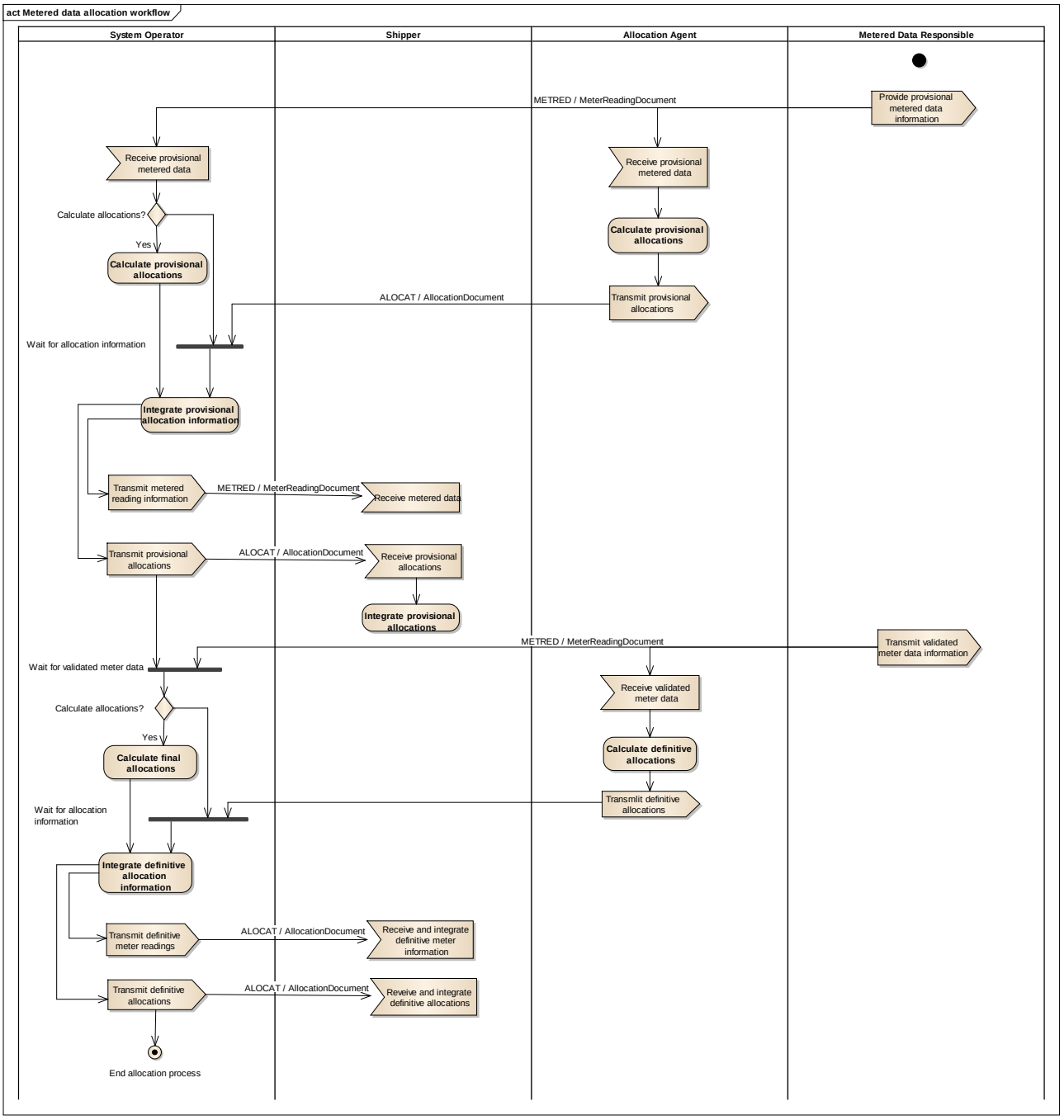

FIGURE 7: ALLOCATION WORKFLOW

The allocation workflow has two distinct steps:

1. Determine the provisional allocation results and inform the concerned parties.
2. Calculate the finalised allocations once the metering information has been validated and inform all interested parties.

The workflow outlined in figure 6 does not incorporate any eventual dialogues with the counter System Operator as these are no more than replications of the information provided to the Shippers. This replication concerns the provisional and final allocations and measurement information.

The Metered Data Responsible transmits the provisional or validated metered data information to the System Operator or to an Allocation Agent if one is acting on behalf of the System Operator.

The receiving party then calculates the provisional or definitive allocations and in the case where an Allocation Agent is acting on behalf of a System Operator the results are passed to the System Operator.

The System Operator then integrates the results and transmits both the provisional or definitive metering and allocation information.

4.3 INFORMATION MODEL OF ALLOCATION DOCUMENT (ALOCAT)

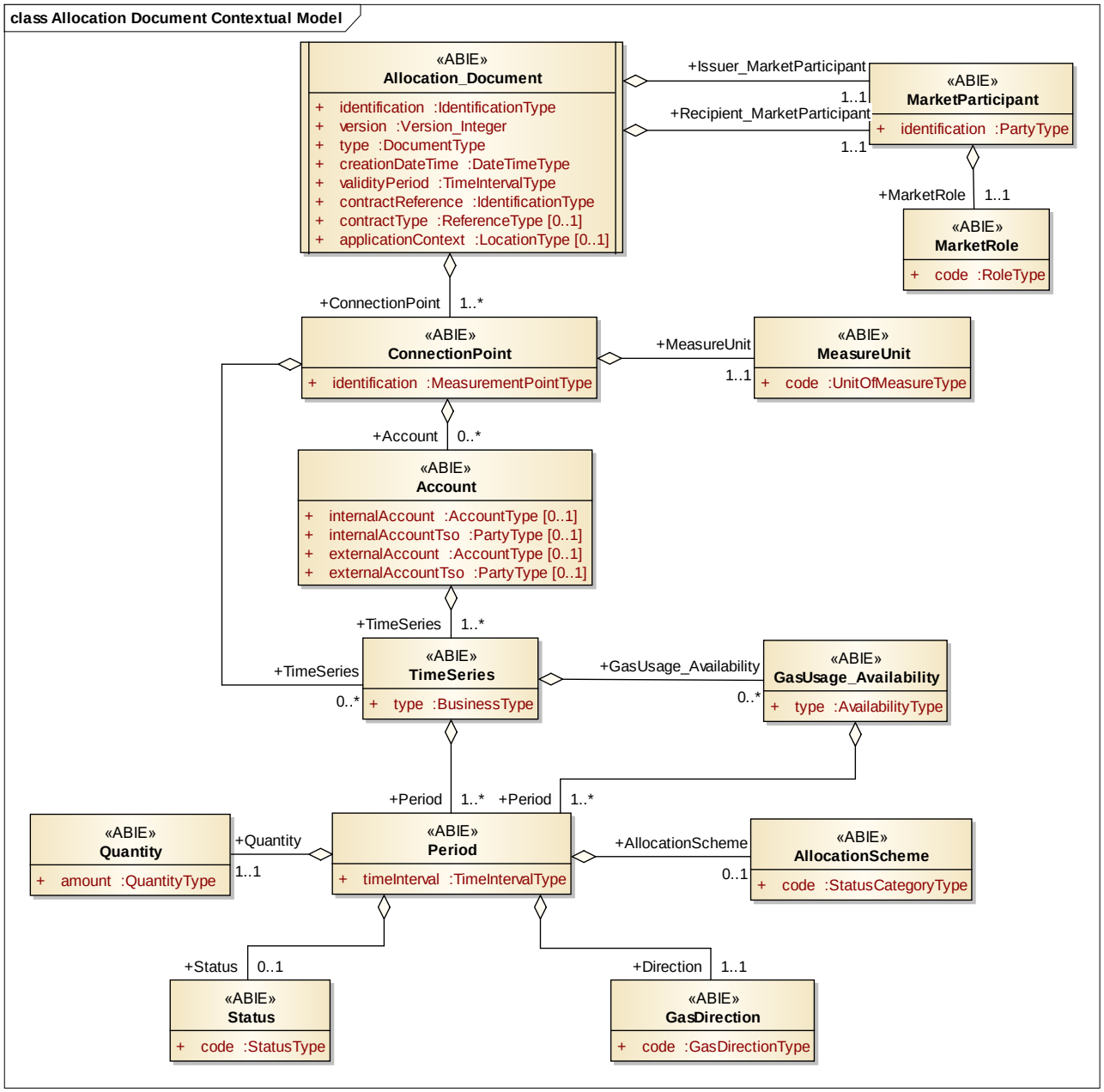

FIGURE 8: ALLOCATION DOCUMENT CONTEXTUAL MODEL

4.3.1 INFORMATION MODEL STRUCTURE

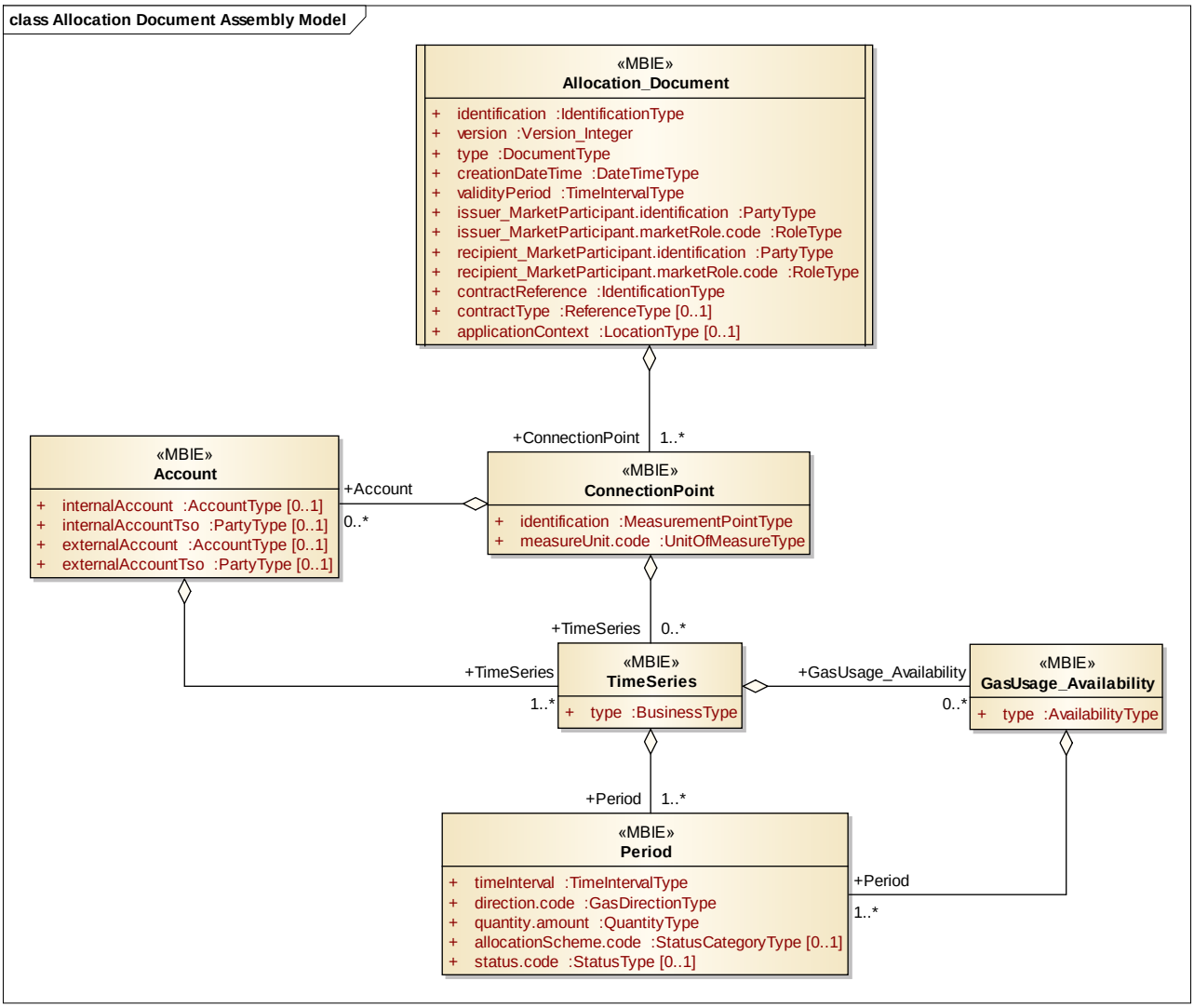

FIGURE 9: ALLOCATION DOCUMENT ASSEMBLY MODEL

4.3.2 INFORMATION MODEL DESCRIPTION

An Allocation document is used during the allocation process. It is used during this phase by a System Operator to inform a Shipper or a Counter System Operator of the amount of gas that has been assigned for a given connection point.

4.3.3 RULES GOVERNING THE ALLOCATION DOCUMENT CLASS

A document is uniquely identified by the following attributes:

- The identification of the document
- The issuer identification
- The identification of the version

4.3.3.1 IDENTIFICATION

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

4.3.3.2 VERSION

ACTION	DESCRIPTION
Definition of element	Version of the document being sent.
Description	The document version is used to identify a given version of an Allocation 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 the document that contains changes to the previous version. The receiving system should ensure that the version number for a document is superior to the previous version number received.
Size	A version number may not exceed 3 numeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

4.3.3.3 TYPE

ACTION	DESCRIPTION
Definition of element	The type of the document being sent.
Description	This identifies the type of Allocation Document that is being sent. The following types of Allocation Document are permitted: 95G = Provisional allocation report: Message from a System Operator to report the allocation non validated and sent before the start of the second period after the period in question. 96G = Definitive allocation report: Message from a System Operator to report the allocation validated and sent not later than ten working days after the delivery month in question. Reference Edig@s DocumentType code list).
Size	A type may not exceed 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

4.3.3.4 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.

4.3.3.5 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.

4.3.3.6 CONTRACTREFERENCE

ACTION	DESCRIPTION
Definition of element	Reference to a contract covering the Allocation document.
Description	The contract reference provides the contract identification that is relevant for the whole document.
Size	The contract reference may not exceed 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

4.3.3.7 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 Edigas ReferenceType codelist 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 used depending on local market rules.

4.3.3.8 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.

4.3.3.9 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 ZAA = Allocation Agent (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.

4.3.3.10 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.

4.3.3.11 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: ZSO = System Operator ZSH = Shipper (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.

4.3.3.12 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 use of the Application Context must have previously been mutually agreed contractually. 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	The information is only provided when there is bi lateral agreement between the parties.

4.3.4 RULES GOVERNING THE CONNECTION POINT CLASS

There may one to many connection points in an Allocation Document.

4.3.4.1 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. 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 code or the code "ZSO" for a System Operator code.
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.

4.3.4.2 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. The following are the codes recommended for use: KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d) (Reference Edig@s UnitOfMeasureType code list).
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

4.3.5 RULES GOVERNING THE ACCOUNTS CLASS

There may be one to many Account classes in an Allocation Document that depend directly on the Connection Point class. An Account class cannot exist for a Connection Point class if the Connection Point class already has a Time Series class directly associated with it.
An Account class, if present, must contain at least one of the two attributes, internal account or external account.

4.3.5.1 INTERNALACCOUNT – CODINGSCHEME

ACTION	DESCRIPTION
Definition of element	The identification of an internal account that is defined by the transmitting System Operator.
Description	The identification of the internal account within a System Operator's system for which the document is referencing. 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.
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 Dependent.
Dependence requirements	This is only used when an internal account is identified

277 #### 4.3.5.2 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.

278 #### 4.3.5.3 EXTERNALACCOUNT – CODINGSCHEME

ACTION	DESCRIPTION
Definition of element	The identification of the external account that is defined by an adjacent System Operator.
Description	The identification of the external account that is defined by an adjacent 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.
Size	The maximum length of the external account is 35 alphanumeric characters. The maximum length of the coding scheme is 3 alphanumeric characters.
Applicability	Both the external account and the coding scheme are Dependent.
Dependence requirements	This is only used when an external account is identified

279 #### 4.3.5.4 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.

4.3.6 RULES GOVERNING THE TIME SERIES CLASS

There may one to many Time Series classes in an Allocation Document that depend either directly on the Connection Point class or on an Account class within a Connection Point class. A Time Series class cannot exist for a Connection Point class if that class already has an Account class associated with it.

4.3.6.1 TYPE

ACTION	DESCRIPTION
Definition of element	The type of time series that is being used to describe the Connection Point information..
Description	This information provides the type of time series used to describe the connection point information that is being provided. Currently only one of the following types are permitted: Z01 = Allocated. amount of energy attributed by a System Operator or by an Allocation Agent to its Shippers at a connection point Z02 = Nominated. Value givan by a Shipper/Trader indicating the estimation of gas that should be transported or stored. Z03 = Measured. Value measured with a metering equipment. Z04 = Confirmed. Value agreed by a System Operator that should be transported/stored (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.

4.3.7 RULES GOVERNING THE PERIOD CLASS

There must always be a Period class associated with a Time Series class.

4.3.7.1 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 reported. The Time Interval shall cover a whole gas day.
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.

4.3.7.2 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 quantity Z03 = Output quantity (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.

289 #### 4.3.7.3 QUANTITY.AMOUNT

ACTION	DESCRIPTION
Definition of element	The quantity 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 non-signed values.
Size	The maximum length of this information is 17 numeric characters (decimal mark, if used, 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 #### 4.3.7.4 ALLOCATIONSCHEME.CODE

ACTION	DESCRIPTION
Definition of element	The identification of the allocation scheme that has been used in the distribution of the quantity.
Description	This information provides allocation scheme used to determine the quantity for the being reported. Currently only one of the following allocation scheme values are permitted: 04G = Pro rata. In proportion, proportionally with respect to a value 05G = SBA (Shipper Balancing Agreement). An agreement that ensures that the quantities of gas actually delivered and received each gas day at the connection point will equal the confirmed nominations except for a particular shipper. 06G = OBA (Operational Balancing Agreement). An agreement that ensures that the volume of gas actually delivered and received each day at each connection point will equal the scheduled quantities for that point. The difference is set on this account. 07G = Calculated. allocation. An allocation based on the application of an agreed formula. 09G = SLP (Synthetic Load Profile). The load profile of a Consumer which is determined by the means of the application of a formula as opposed to a measurement. 10G = Deemed. The allocation of a Shipper is equal to the nomination of a Shipper 11G = Capacity percentage. The value has been allocated in relation to the percentage of capacity 12G = Band. The allocated values are limited to a predefined range 13G = Rank. The allocated values are limited by a priority order defined by local market rules. 14G = metered. The value has been allocated in compliance with the metered values 21G = Biogas. The entry or exit of biogas at an interconnection point between market areas. (Reference Edig@s StatusCategoryType code list).
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	The use or not is defined within the System Operator’s agreement

4.3.7.5 STATUS.CODE

ACTION	DESCRIPTION
Definition of element	The status of the quantity being provided.
Description	This information defines the status of the quantity. Only one of the following status values are permitted: 59G = Replacement value. 60G = Average hourly value. (Reference Edig@s StatusType code list).
Size	The maximum length is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	The use of this attribute is related to local market rules.

4.3.8 RULES GOVERNING THE GASUSAGE_AVAILABILITY CLASS

There may be a GusUsage_Availability associated with a Time Series class. If one is provided a Period class must exist for it.

4.3.8.1 TYPE

ACTION	DESCRIPTION
Definition of element	Identification of the type of availability..
Description	The availability type indicating the nature of gas usage for a given type of allocation. The following types are permitted: ZEX = Servitude gas. Gas used for servitude purposes (technological) ZEY = Operational TSO usage ZEZ = Gas in kind. (Reference Edig@s AvailabilityType code list
Size	The maximum length of the type is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

5 SETTLEMENT

5.1 FUNCTIONAL DEFINITION

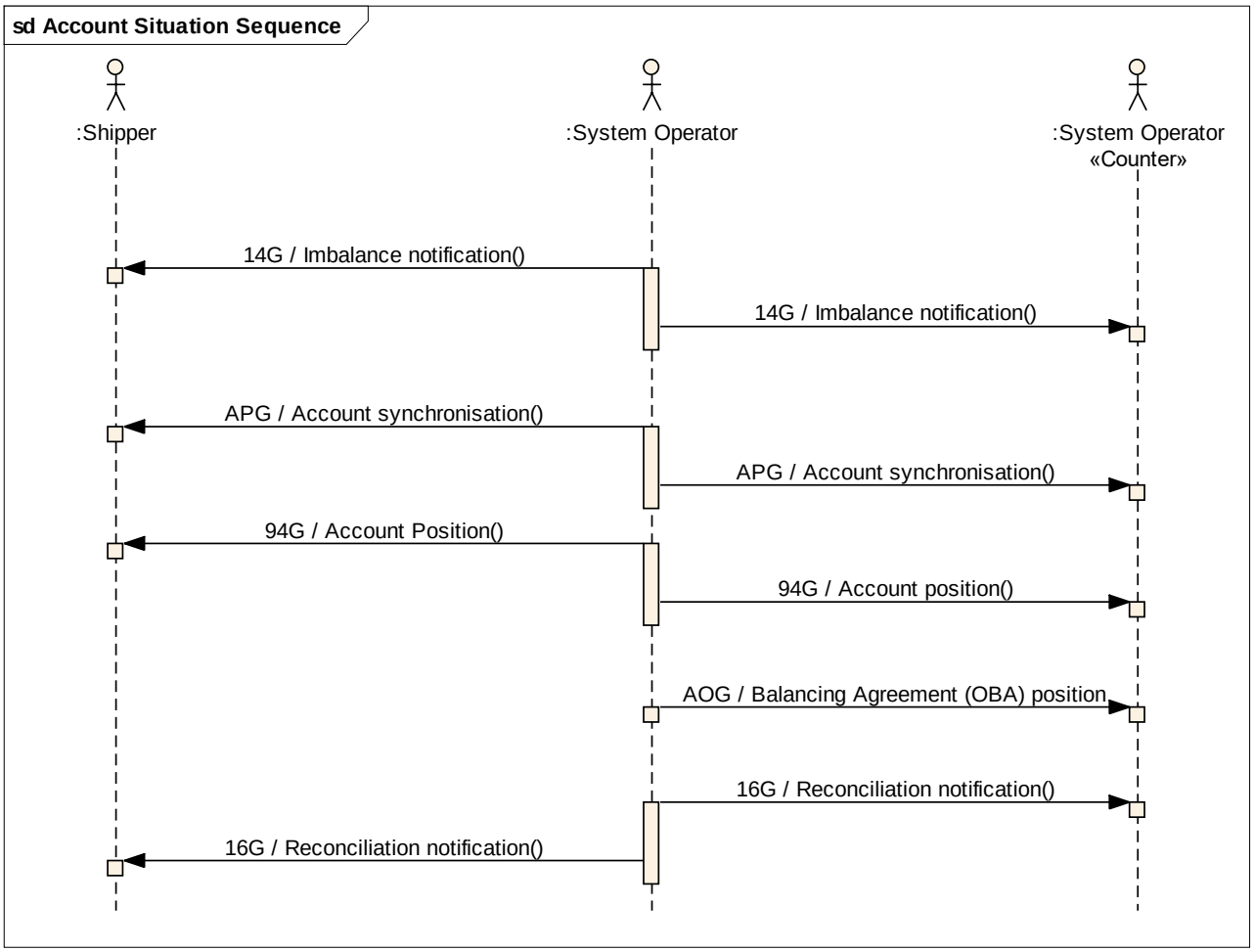

FIGURE 10: THE SETTLEMENT SEQUENCE

The final phase in the process is the settlement phase where the System Operators provide the Shippers or the counter System Operators with a notification of any imbalances that have occurred. The deviations may be rectified and in the end of the process a final reconciliation notification is provided that ends all processing for the period.

The process contains 5 distinct phases that can be carried out at repeated intervals. These different phases all emanate from the System Operator and may go either to the Shipper or the Counter System Operator depending on the case:

1. Notification of imbalances to Shippers and counter System Operators
2. Situation of the account to Shippers
3. Syncronise account positions to Shippers and counter System Operators
4. Position of the Operational Balancing Agreement (OBA) to counter System Operators
5. Reconciliation notification to Shippers and counter System Operators.

5.2 WORKFLOW

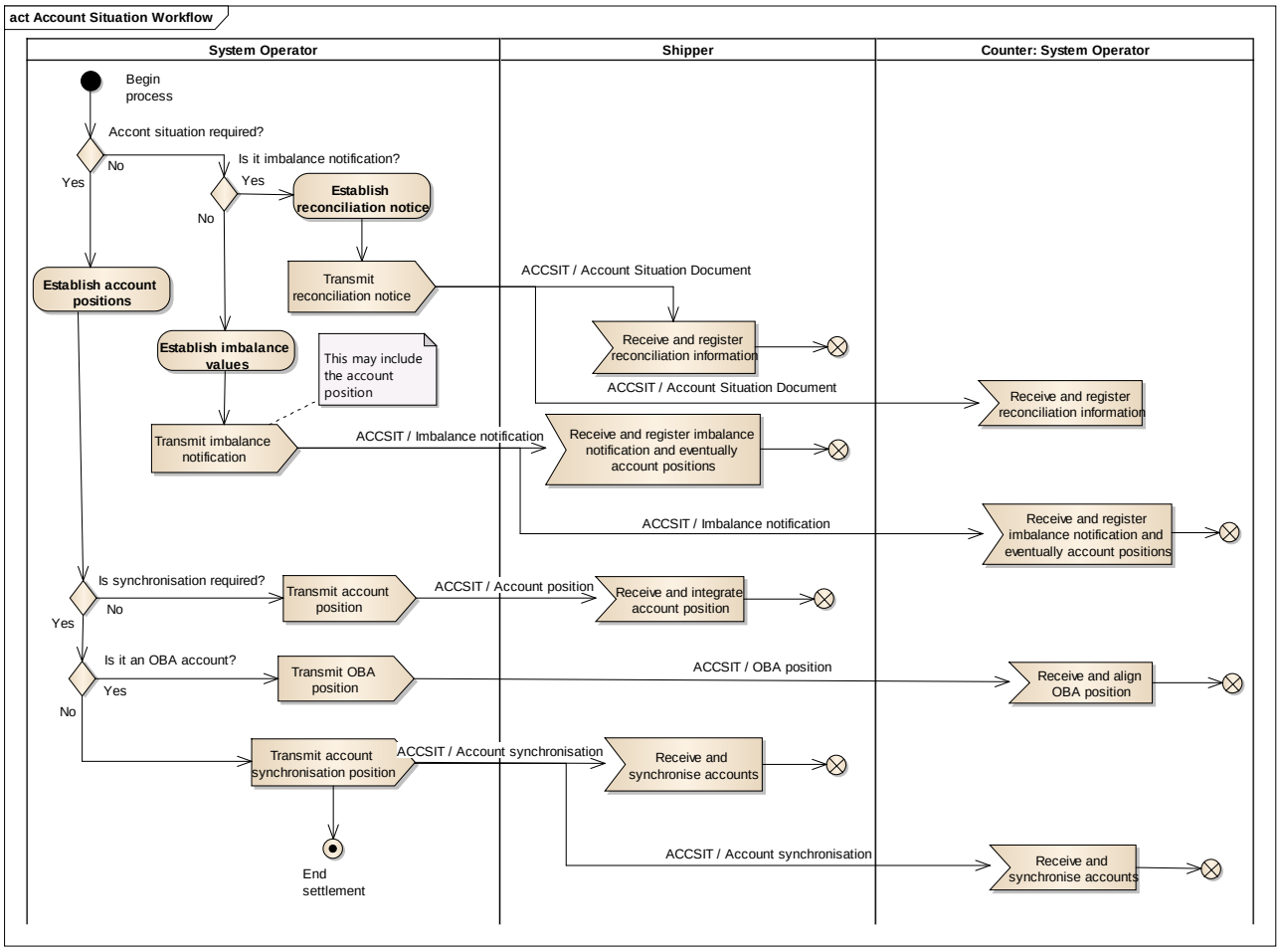

FIGURE 11: SETTLEMENT WORKFLOW

The settlement workflow is divided into three different flow situations:

1. The transmission of account information.

   In the case of the transmission of account information there are three possibilities:

   a. The transmission of account synchronisation information to a Shipper and counter System Operator.

   b. The transmission of the Operational Balancing Account (OBA) information to counter System Operators.

   c. The transmission of specific account position information to a Shipper.

2. The transmission of an imbalance notification to a Shipper and/or counter System Operator.
3. The transmission of a reconciliation notification to a Shipper and/or counter System Operator.

5.3 CONTEXTUAL MODEL OF ACCOUNT SITUATION DOCUMENT (ACCSIT)

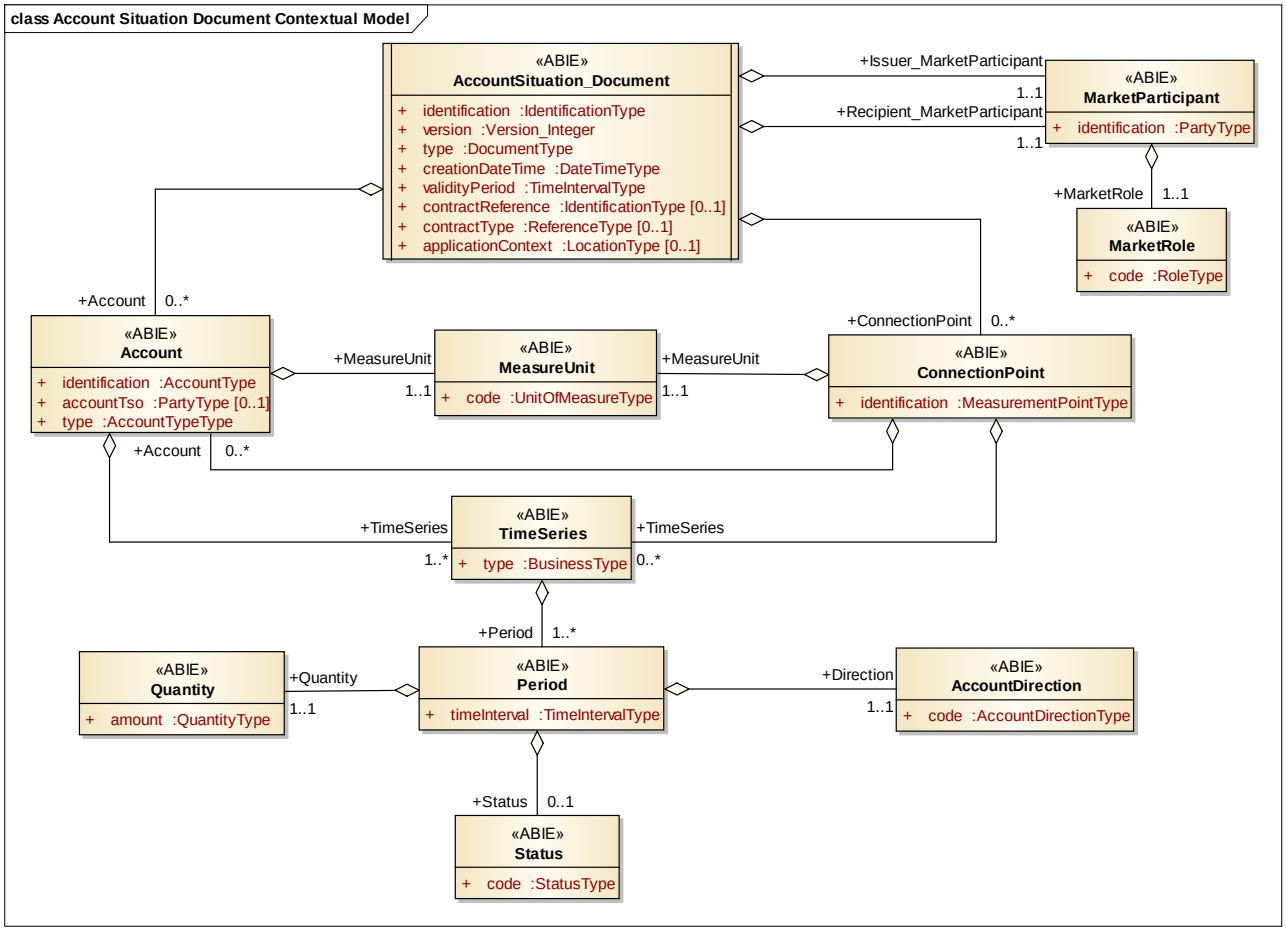

FIGURE 12: ACCOUNT SITUATION DOCUMENT CONTEXTUAL MODEL

5.3.1 INFORMATION MODEL STRUCTURE

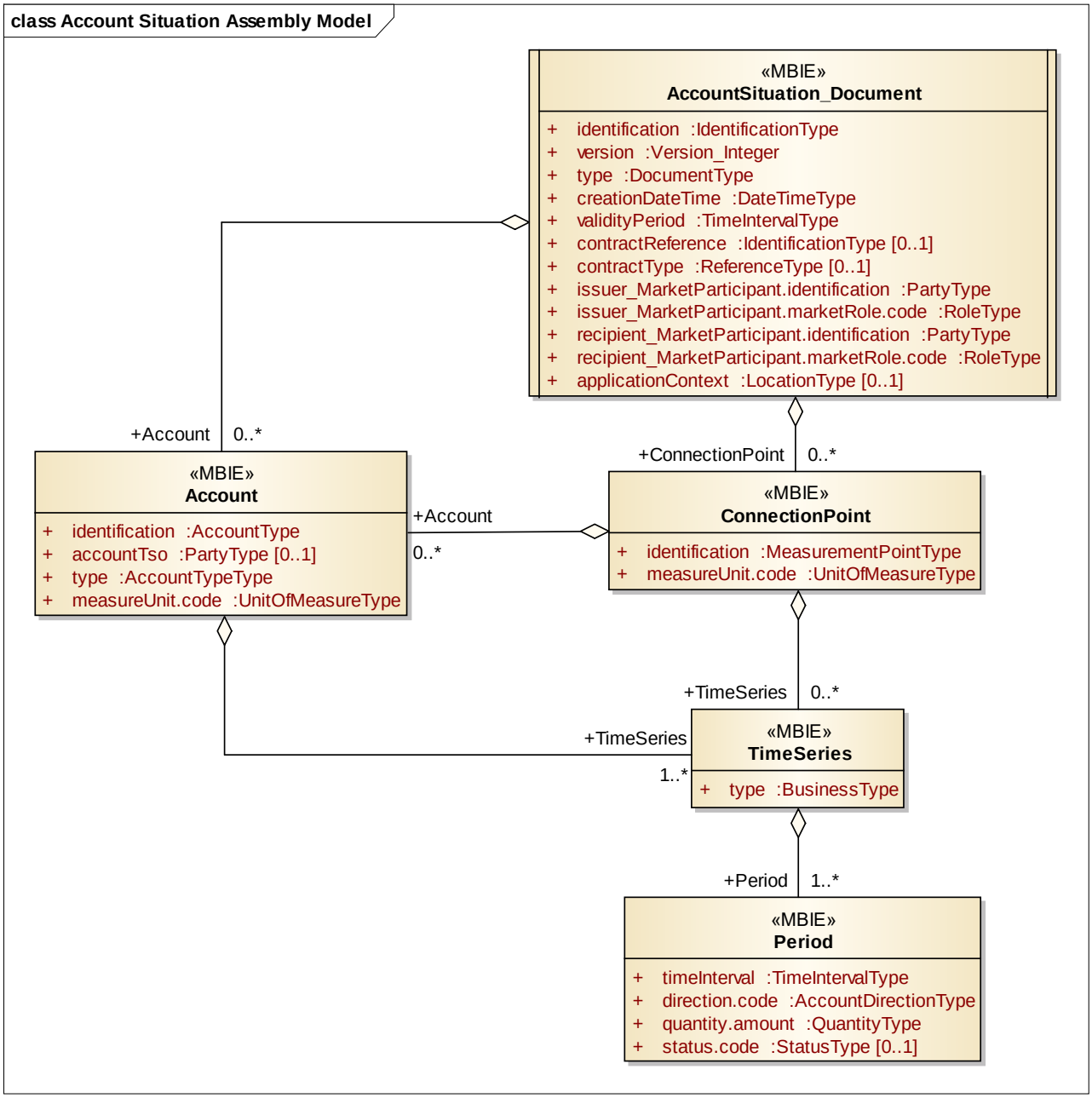

FIGURE 13: ACCOUNT SITUATION DOCUMENT ASSEMBLY MODEL

5.3.2 INFORMATION MODEL DESCRIPTION

An Account Situation document is used by a System Operator during several stages of the Settlement phase.
It is used initially to send an Imbalance Notification to a Shipper and to the counter System Operator providing the information concerning any imbalances between the planned and realised gas transmissions identified for a period in question.
It can also be used by the System Operator to provide an account situation or to synchronise account information. This information may be sent to both the Shipper and/or the Counter System Operator.
Between System Operators exclusively it may be used to provide the Operational Balancing Account (OBA) position.
It is finally used at the end of the Settlement phase by the System Operator to provide the reconciliation information terminating the settlement phase.
The Account Situation Document must have at least one instance of an Account class or a Connection Point class. Both classes may also be present.

5.3.3 RULES GOVERNING THE ACCOUNT SITUATION DOCUMENT CLASS

A document is uniquely identified by the following attributes:

- The identification of the document
- The issuer Identification
- The identification of the version

5.3.3.1 IDENTIFICATION

ACTION	DESCRIPTION
Definition of element	Identification of the document describing the Account Situation Document.
Description	An Account Situation 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 sender must guarantee that this identification is unique over time
Size	The identification of an Account Situation Document may not exceed 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

5.3.3.2 VERSION

ACTION	DESCRIPTION
Definition of element	Version of the document being sent.
Description	The document version is used to identify a given version of an Account Situation 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 the document that contains changes to the previous version. The receiving system should ensure that the version number for a document is superior to the previous version number received.
Size	A version number may not exceed 3 numeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

5.3.3.3 TYPE

ACTION	DESCRIPTION
Definition of element	The type of the document being sent.
Description	This identifies the type of the Account Situation Document that is being sent. The following types of Account Situation Document are permitted: 14G = Imbalance notification: message to advise a Shipper or a System Operator about an imbalance situation. 16G = Reconciliation notification: message to advise a Shipper or a System Operator about a reconciliation situation. APG = Account synchronisation 94G = Account position AOG = Operational Balancing Account position (Reference Edig@s DocumentType code list).
Size	A type may not exceed 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

5.3.3.4 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.

5.3.3.5 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.

5.3.3.6 CONTRACTREFERENCE

ACTION	DESCRIPTION
Definition of element	Reference to a contract covering the Account Situation Document.
Description	The contract reference provides the contract identification that is 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 used depending on local market rules.

5.3.3.1 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 Edigas ReferenceType codelist 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 used depending on local market rules.

360 #### 5.3.3.2 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.

361 #### 5.3.3.3 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 role is permitted for this document: ZSO = System Operator (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.

362 #### 5.3.3.4 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.

363 #### 5.3.3.5 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: ZSO = System Operator; ZSH = Shipper (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.

364 #### 5.3.3.6 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 use of the Application Context must have previously been mutually agreed contractually. 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	The information is only provided when there is bi laterial agreement between the parties.

365 ### 5.3.4 RULES GOVERNING THE CONNECTION POINT CLASS

366 There may zero to many connection points in an Account Situation Document. A Connection Point class
367 may have dependent on it either Account classes or TimeSeries classes but not both.

368 #### 5.3.4.1 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. 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 code or the code "ZSO" for a System Operator code.
Size	The maximum length of the connection point identification is 16 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.

369 #### 5.3.4.2 MEASUREUNIT.CODE

ACTION	DESCRIPTION
Definition of element	The unit of measure which is applied to all the quantities for the Account Situation Document.
Description	The unit of measurement used for all the quantities expressed within an Account Situation Document. The following are the codes recommended for use: KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d) (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.

5.3.5 RULES GOVERNING THE ACCOUNT CLASS

There may be zero to many accounts in an Account Situation Document.

5.3.5.1 IDENTIFICATION– CODINGSCHEME

ACTION	DESCRIPTION
Definition of element	The identification of an account that is defined by the transmitting System Operators.
Description	The identification of an Account that is defined by the transmitting System Operators. 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.
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.

5.3.5.2 ACCOUNTTSO - CODINGSCHEME

ACTION	DESCRIPTION
Definition of element	Identification of the System Operator that created the account identification.
Description	The System Operator that created the 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 AccountTso is required if the identification of the System Operator that created the account is ambiguous.

5.3.5.3 TYPE

ACTION	DESCRIPTION
Definition of element	The identification of the type of an account
Description	The identification of the type the account identification. The following types are permitted: ZOE = Supplier Account ZOD = Shipper Account ZOF = System Operator Account ZUI = Total Market Account (Reference Edig@s AccountTypeType code list).
Size	The maximum length of the role is 3 alphanumeric characters.
Applicability	Both the role and the coding scheme are mandatory.
Dependence requirements	None.

5.3.5.4 MEASUREUNIT.CODE

ACTION	DESCRIPTION
Definition of element	The unit of measure which is applied to all the quantities in the Account Situation Document.
Description	The unit of measurement used for all the quantities expressed within an Account Situation Document. The following are the codes recommended for use: KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d) (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.

5.3.6 RULES GOVERNING THE TIME SERIES CLASS

There may be one or several Time Series classes associated with a Connection Point class or an Account class.

5.3.6.1 TYPE

ACTION	DESCRIPTION
Definition of element	The identification of the type of time series that is being described.
Description	The identification of the type of time series being described. The following types are permitted: ZXJ = Opening Position ZXK = Closing Position ZXL = Transaction ZXM = Imbalance (Reference Edig@s BusinessType code list).
Size	The type may not exceed 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

5.3.7 RULES GOVERNING THE PERIOD CLASS

There may be one to many Period classes in an Account Situation Document.

5.3.7.1 TIMEINTERVAL

ACTION	DESCRIPTION
Definition of element	The start and end date and time of the period being reported.
Description	This information provides the start and end date and time of the period being reported.
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.

383 #### 5.3.7.2 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 nature of the energy flow. Permitted codes are: ZPD = Debit quantity. A debit refers to a quantity that decreases a balance account. ZPE = Credit Quantity. A credit refers to a quantity that increases a balance account. (Reference Edig@s AccountDirectionType code list).
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

384 #### 5.3.7.3 QUANTITY.AMOUNT

ACTION	DESCRIPTION
Definition of element	The quantity for the account within the time intervalin question.
Description	This information defines the quantity for the account 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 non-signed values.
Size	The maximum length of this information is 17 numeric characters (decimal mark, if used, 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.

385 #### 5.3.7.4 STATUS.CODE

ACTION	DESCRIPTION
Definition of element	The status of the account in the time interval period.
Description	This information provides status of the account. Only one of the following status values are permitted: 03G = Estimated value. An approximated value that is not physically measured. It could be based on mathematical algorithms or just a value decided by the owner of the data in case of loss of information or technical problems. 04G = Provisional value. The result of an first rough measurement and a calculation 05G = Definitive value. The final or conclusive value. (Reference Edig@s StatusType code list).
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	This information is used depending on local market rules.

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6 DOCUMENT CHANGE LOG

Package	Version	Date	Description
5.0	1	2013-07-03	Initial release
5.1	2	2013-12-19	Modified to ensure the alignment of all names in the models. Addition of an Account TSO to identify the TSO responsible for the creation of the account identification.
5.1	3	2017-06-06	Modification of the internal and external account to make them both dependent in order to enable them to be used independently if one is not available.
5.1	4	2018-02-19	The Allocation Document (ALOCAT) and the Account Situation Document (ACCSIT) are now deprecated and have been replaced by the Market situation Document (MARSIT).
5.1	5	2022-12-06	Added new quantityCodes to METRED document.