

General - Acknowledgement

Model Documentation



Version 6.0

Document Version: 1

Table of Contents

24		
25		
26	1 Model Detail.....	3
27	2 Document usage decision table.....	4
28	3 Acknowledgement Process.....	5
29	3.1 Business Process	5
30	3.1.1 Acknowledgement process workflow	5
31	3.2 Acknowledgement Document (ACKNOW).....	7
32	3.2.1 Acknowledgement Document Contextual Model	7
33	3.2.2 Acknowledgement Document Assembly Model	8
34	3.2.2.1 Acknowledgement_Document	9
35	3.2.2.1.1 Attributes.....	9
36	3.2.2.2 Rejection_ConnectionPoint.....	10
37	3.2.2.2.1 Attributes.....	10
38	3.2.2.3 Reason	10
39	3.2.2.3.1 Attributes.....	10
40	4 Document Change Log.....	11
41	4.1 Version	11
42	4.1.1 Attributes.....	11
43		

1 Model Detail

COPYRIGHT & LIABILITY

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

2 Document usage decision table

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

Acknowledgement Document	Application acknowledgement	Technical acknowledgement
identification	Mandatory.	
version	Mandatory.	
documentCode	294 = Application Acknowledgement.	AMU = Technical Acknowledgement.
creationDateTime	Mandatory.	
ValidityPeriod	Mandatory.	
applicationContext	May be used. Deprecated attribute which will be removed in the next version of Edig@s.	
issuer_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code)	
issuer_MarketParticipant.marketRole.roleCode	Mandatory. Any role possible depending on message origin. (Refer to Edig@s RoleCodeTypeCodeList for the list of valid codes).	
recipient_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code)	
recipient_MarketParticipant.marketRole.roleCode	Mandatory. Any role possible depending on message origin. (Refer to Edig@s RoleCodeTypeCodeList for the list of valid codes).	
receiving_Document.identification	Mandatory if interpretable	
receiving_Document.version	Mandatory if interpretable.	
receiving_Document.documentCode	Mandatory if interpretable.	
receiving_Document.creationDateTime	Mandatory if interpretable.	
receiving_Document.payloadName	Mandatory if document identification not interpretable.	
reasonCode	Mandatory. (Refer to Edig@s ReasonCodeTypeCodeList for the list of valid codes).	
text	May be used as required.	
RejectionConnectionPoint.identification	May be used to provide additional clarifying information; codingScheme = 305 (EIC Measurement Point Z or Y code) or ZSO.	

3 Acknowledgement Process

3.1 Business Process

The Acknowledgement document fits into a general Edig@s acknowledgement process and is divided into two categories:

1. TECHNICAL ACKNOWLEDGEMENT

A technical acknowledgement occurs when an XML document is received that cannot be correctly processed for submission to the application. Such an error could occur for example whenever the XML parser cannot correctly parse the incoming document. Other instances could be the incapacity to correctly identify the sender of the document in relation to the process requested.

In such a case a technical acknowledgement can be sent to the document sender providing the information that the XML document in question cannot be correctly processed by the system.

2. APPLICATION ACKNOWLEDGEMENT

Whenever it is necessary to send a response that can provide additional information to the sender and in order to implement effective data exchange the following procedure should be applied upon reception of a document to verify at the application level that it contains no faults that could prevent correct processing:

- A document that is valid after this verification shall necessitate the generation of an Acknowledgement document accepting in its entirety the document in question.
- A document that has an error in it shall necessitate the generation of an Acknowledgement document that can completely or partially reject the document in question.

This acknowledgment sequence will not be described systematically in the information flows, but it shall be flagged as an integral part of each transmission wherever it is required.

3.1.1 Acknowledgement process workflow

The Acknowledgement document shall be used in conjunction with the transmission of electronic documents defined in the Edig@s process information flow diagrams as required for a technical or application acknowledgement.

In specific processes it may be considered that an acknowledgement is not required.

For example, typically one could consider that the exchange of a NOMINT between a Balance Responsible Party and a System Operator requires an acknowledgement in order to avoid reclamations from the Balance Responsible Party if the NOMINT had not been received.

Alternatively in the case of a NOMRES between a System Operator and a Balance Responsible Party an acknowledgement might not be required since this could hold up processing on the System Operators side waiting for the acknowledgement event that provides no additional processing information. On the Balance Responsible Party's side no further action can be taken if there is a disagreement with the NOMRES content. In addition if the Balance Responsible Party does not receive the NOMRES an immediate alarm will be set off querying why the message had not been received.

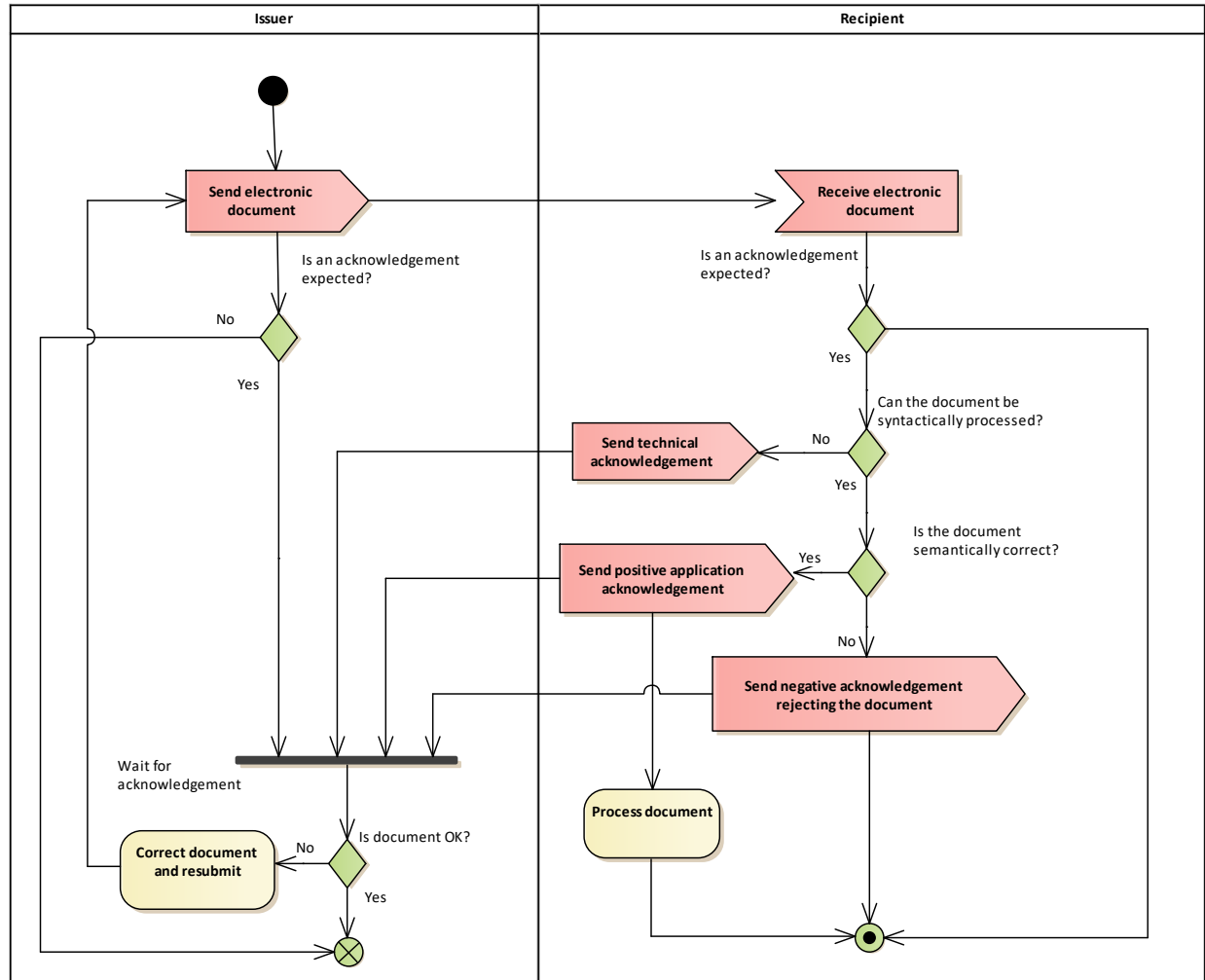
In general entities of the same business level may require an acknowledgement when exchanging information.

However entities of different business levels will generally require an acknowledgement of information sent from the lower level to the higher level whereas it may not be necessary when something is sent from the higher level to the lower level.

Not to transmit an acknowledgement when it supplies no new information provides a means of preventing a system waiting for something which will not in the end be processed.

The ACKNOW message may be generated in two contexts:

- At the system level when a technical incident prevents it from being processed by an application.
- At the application level where it should be generated by the application software and NOT by EDI-translator software. In this context it must mention the parties as stated in the message that is being acknowledged.

Figure: 1 **Acknowledgement process workflow**

3.2 Acknowledgement Document (ACKNOW)

3.2.1 Acknowledgement Document Contextual Model

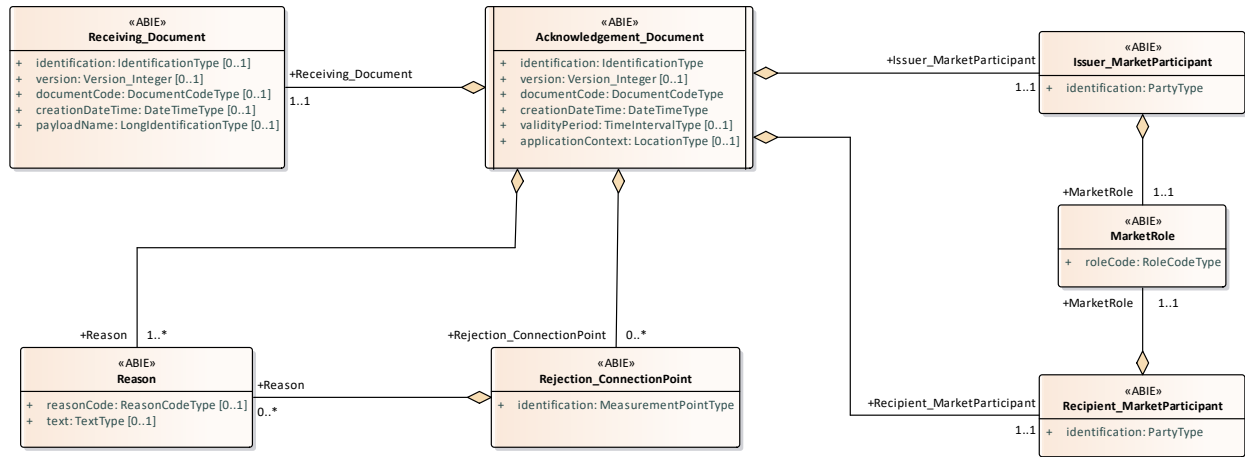


Figure: 2 Acknowledgement Document Contextual Model

3.2.2 Acknowledgement Document Assembly Model

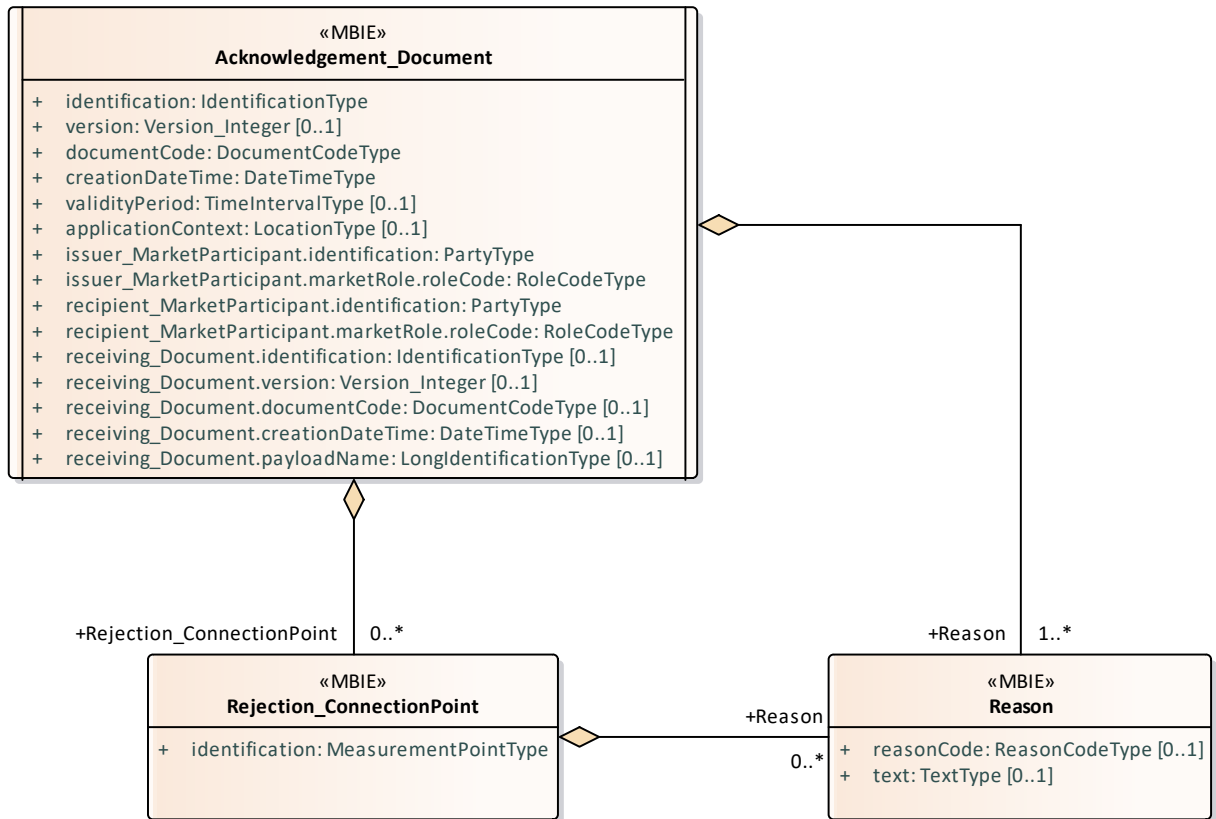


Figure: 3 Acknowledgement Document Assembly Model

3.2.2.1 Acknowledgement_Document

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

3.2.2.1.1 Attributes

Attribute	Description	Multiplicity
identification	A unique identification of a document that is assigned by the issuer. This identifies the document being reported.	
version	Version of the document being sent. 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.	[0..1]
documentCode	Coded representation of the type of the electronic document.	
creationDateTime	Date and time of the creation of the current document expressed in UTC.	
validityPeriod	The start and end date and time of the period of validity covered in the document.	[0..1]
applicationContext	The application context is used to identify a particular context (a location identification, an application identification, etc.) that is relevant to the recipient of the document.	[0..1]
issuer_MarketParticipant.identification	The identification of the party participating in the market. --- The issuer of the acknowledgement.	
issuer_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. --- The issuer of the acknowledgement. --- The role of the issuer.	
recipient_MarketParticipant.identification	The identification of the party participating in the market. --- The recipient of the acknowledgement.	
recipient_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. --- The recipient of the acknowledgement. --- The role of the recipient.	
receiving_Document.identification	A unique identification of a document that is assigned by the issuer. This identifies the document being reported.	[0..1]
receiving_Document.version	Version of the document being acknowledged. 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.	[0..1]
receiving_Document.documentCode	Coded representation of the type of the electronic document. documentCode of the document being acknowledged.	[0..1]
receiving_Document.creationDateTime	Date and time of the creation of the current document expressed in UTC.	[0..1]

Attribute	Description	Multiplicity
	creationDateTime of the document being acknowledged.	
receiving_Document.payloadName	The name of a specific payload being referenced in the document. The payload of the document being acknowledged. This is only used when the document identification cannot be recognised.	[0..1]

3.2.2.2 Rejection_ConnectionPoint

A cross-border interconnection point, whether it is physical or virtual, between two or more member states as well as interconnection between adjacent entry-exit-systems within the same member states. It may be used on the internal market.

If a specific connection point is being rejected this class shall be used to identify it. It is generally the case if the original document is only partially rejected.

3.2.2.2.1 Attributes

Attribute	Description	Multiplicity
identification	The identification of a connection point.	

3.2.2.3 Reason

The motivation of an act.

The Reason class shall provide any coded or textual information that is necessary to completely describe the conditions of the acknowledgement. It may provide additional information at the connection point level describing any eventual amendment or rejection.

3.2.2.3.1 Attributes

Attribute	Description	Multiplicity
reasonCode	The motivation of an act in coded form.	[0..1]
text	The textual explanation corresponding to the reason code.	[0..1]

4 Document Change Log

4.1 Version

4.1.1 Attributes

Attribute	Description	Multiplicity
Version 1 2020-06-29	Initial release.	