SECTION

III 02 General Messages APERAK

Application error and Acknowledgement Message

Version 4.0

EASEE-gas/Edig@s Workgroup

Document version: 2

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Please note that as of version 5 of the Edig@s message set;
only the XML syntax shall be supported
This is in compliance with the EASEE-gas CBP 2007-005/01

1 INTRODUCTION

This document provides the definition of the Edig@s Application Error & Acknowledgement – APERAK - message to be used in Electronic Data Interchange (EDI) between Gas Companies.

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

1.1 FUNCTIONAL DEFINITION

A message, after being first processed at translator level to detect syntax errors is then transmitted to the application process to be processed.

If an error is detected at the application level, which prevents its complete processing, an APERAK message is sent to the original message issuer giving details of the error(s) encountered.

If no error has been detected and when an acknowledgment is necessary (when no dedicated answer to the original message exists) an APERAK message is sent detailing the reasons of acknowledgment.

In case of application error, the APERAK message will need manual processing e.g. when the underlying reason is a programming error. In case of acknowledgment the APERAK message may be automatically or manually processed at recipient's discretion.

The current definition of the message, as described in this guideline reflects its use in the current Gas Industry procedure. It does not however preclude the use of this message between other parties than those indicated in this description. The criteria for the use of the message should be its functionality rather than the parties involved.

1.2 PRINCIPLES

The APERAK message is exchanged to:

- Inform a message issuer that his message has been received by the addressee's application and has been rejected due to errors encountered during its processing in the application.
- Acknowledge to a message issuer the receipt of his message by the addressee's application.

1.3 FIELD OF APPLICATION

The APERAK message:

- Should be generated by the application software NOT by an EDI-translator software.
- Must NOT be used to acknowledge the receipt of an interchange.
- Must mention the parties as stated in the message that is being acknowledged.

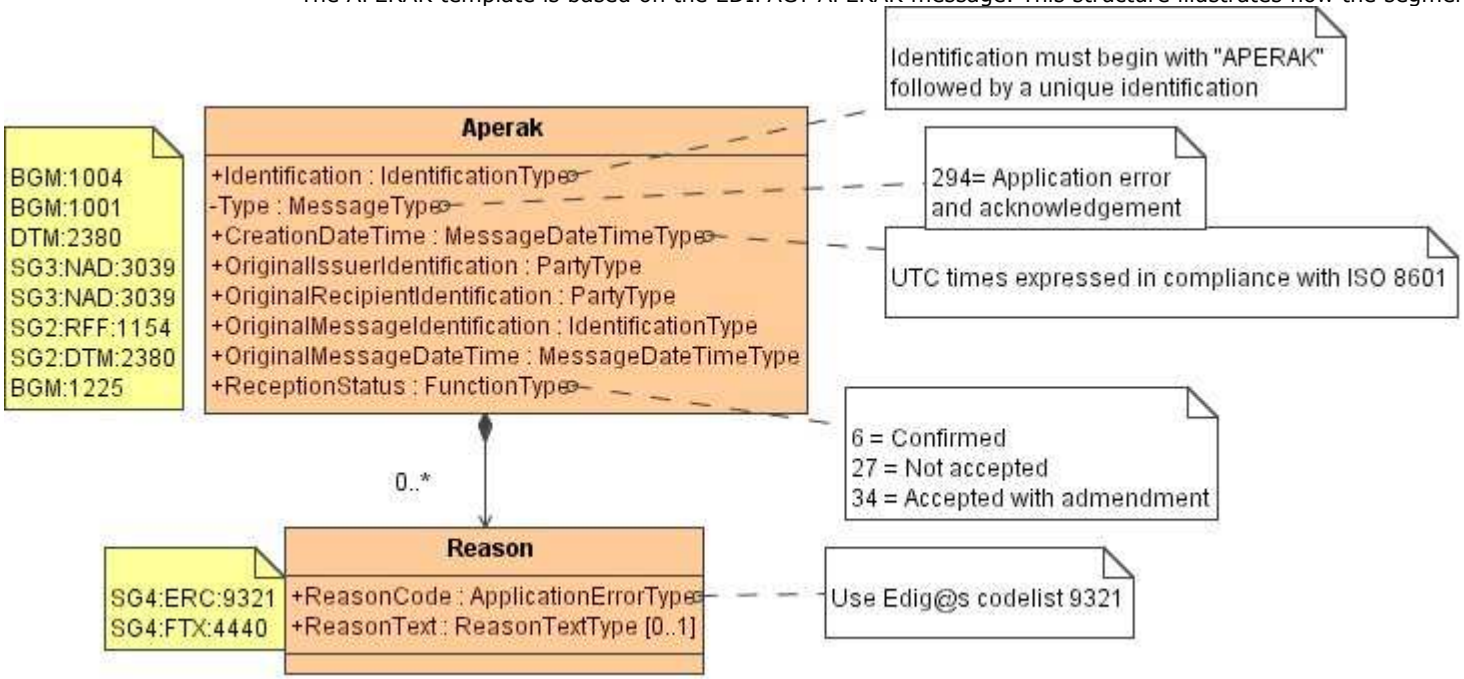
1.4 REFERENCES

The content of the APERAK message is based on the definition of terms and codes as agreed by the Edig@s Workgroup.

2 INFORMATION MODEL FOR APERAK

2.1 Information Model Structure

The APERAK template is based on the EDIFACT APERAK message. This structure illustrates how the segments will be used in this template.



2.2 INFORMATION MODEL DESCRIPTION

2.2.1 Rules governing the Aperak Class

2.2.1.1 IDENTIFICATION

ACTION	DESCRIPTION
Definition of element	Unique identification of the document describing the Aperak document.
Description	An Aperak document must have a unique identification assigned by the initiator of the document to be sent to a recipient. The identification must take the following form: APERAK followed by the date in the form YYYYMMDD followed by the letter "A" followed by a 5 character sequential number (e.g. 00001) providing the unique identification of the document. Example "APERAK20090101A00001". The sender must guarantee that this identification is unique over time
Size	The identification of an Aperak document may not exceed 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None

2.2.1.2 TYPE

ACTION	DESCRIPTION
Definition of element	The type of the document being sent.
Description	This identifies the type of Aperak Document that is being sent. The following types of Aperak Document is currently permitted: 294 =Application Error and Acknowledgement. A message used by an application to acknowledge reception of a message and/or to report any errors.
Size	A type may not exceed 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.1.3 CREATION DATE TIME

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 initiator.
Size	Refer to section 1.20 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.1.4 ORIGINAL ISSUER IDENTIFICATION – CODING SCHEME

ACTION	DESCRIPTION
Definition of element	Identification of the party who has initiated the document that is being acknowledged.
Description	The initiator of the document being acknowledged 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 either the code "321" if it is an Edig@s code or the code "305" if it is an EIC code.
Size	The maximum length of an original initiator'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.

2.2.1.5 ORIGINAL RECIPIENT IDENTIFICATION – CODING SCHEME

ACTION	DESCRIPTION
Definition of element	Identification of the party who received the document being acknowledged.
Description	The recipient of the document being acknowledged 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 either the code "321" if it is an Edig@s code or the code "305" if it is an EIC code.
Size	The maximum length of a original 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.

2.2.1.6 ORIGINAL MESSAGE IDENTIFICATION

ACTION	DESCRIPTION
Definition of element	Unique identification of the document being acknowledged
Description	This provides the identification of the original message begin acknowledged
Size	The identification of the original message being acknowledged
Applicability	This information is mandatory.
Dependence requirements	None

2.2.1.7 ORIGINAL MESSAGE DATE TIME

ACTION	DESCRIPTION
Definition of element	The date and time of the creation of the original message.
Description	The date and time of the creation of the original message being acknowledged.
Size	Refer to section 1.20 of the Edig@s General Guidelines for information on the attribute structure.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.1.8 RECEPTION STATUS

ACTION	DESCRIPTION
Definition of element	The status of the reception of the document being acknowledged.
Description	The status of the acknowledgement reception of the document that is being acknowledged. The current list of valid codes are: 6 = Confirmed 27 = Not accepted 34 = Accepted with amendment
Size	The maximum length of the status is 3 alphanumeric characters
Applicability	The status is mandatory.
Dependence requirements	None.

2.2.2 Rules governing the Reason class

The Reason class may provide any coded or textual information that is necessary to completely describe the conditions of an eventual amendment or rejection.

2.2.2.1 REASONCODE

ACTION	DESCRIPTION
Definition of element	A code providing the reason for an amendment or rejection
Description	The reason code provides the reason of an amendment or rejection. As many reason elements as necessary may be used. **Refer to Edig@s Code list document for the valid list of codes of code list 9321.**
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

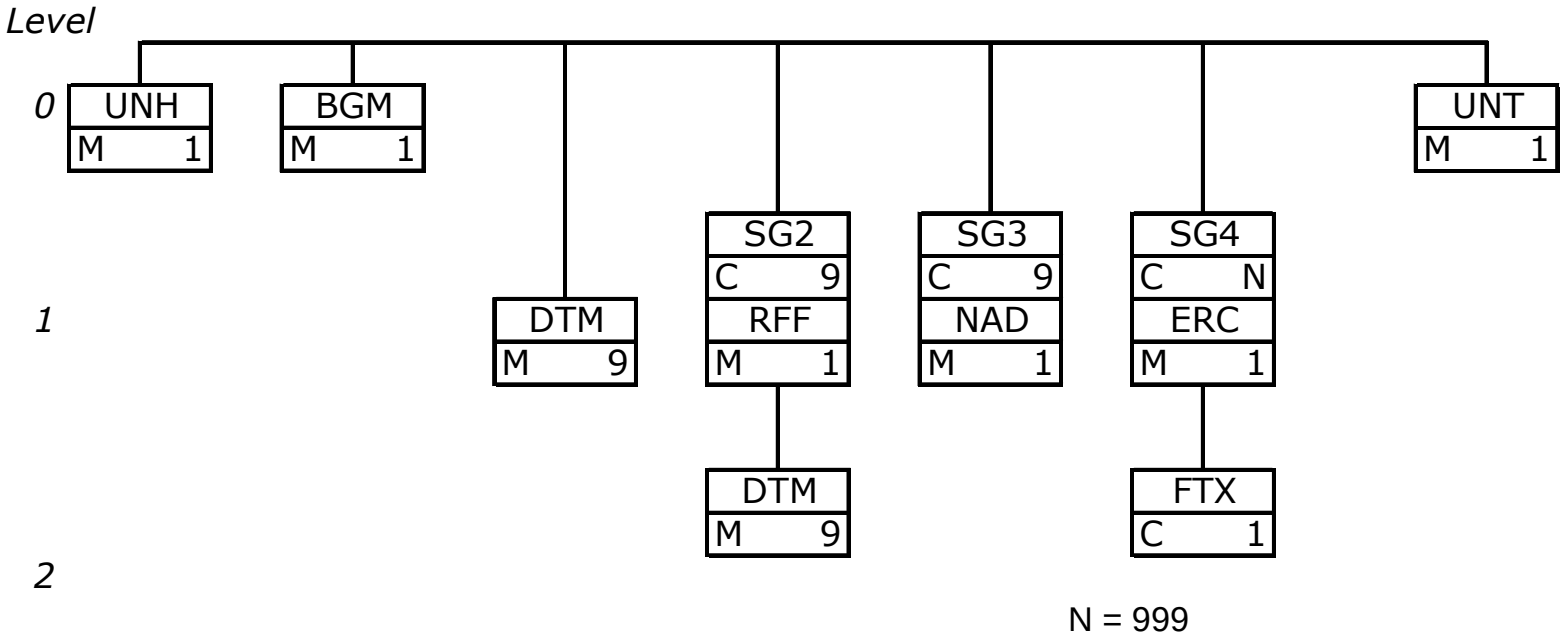
2.2.2.2 REASONTEXT

ACTION	DESCRIPTION
Definition of element	Textual explanation of the reason code.
Description	If the code does not provide all the information to clearly identify the justification of an amendment or a rejection then the textual information may be provided.
Size	The maximum length of this information is 512 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	Used only if the reason code is insufficient to identify an an amendment or an error.

3 EDIFACT IMPLEMENTATION OF APERAK

Note: The Information Model Description in section 2 shall always take precedence if there is any contradictory information provided in this section.

3.1 Edig@s subset of the UN/EDIFACT APERAK D.08B Branching Diagram



3.2 EDIFACT TEMPLATE DESCRIPTION

This template is applicable when the APERAK message is used for the following purpose(s):

Message purpose	**BGM -1001 =**
Application Error & Acknowledgement: message used by an application to acknowledge reception of a message and/or to report any errors.	294

The segments are shown in abbreviated form. For a full description of the segments refer to the description as found in section V Segment Directory.

HEADER SECTION

The content of UN/EDIFACT Interchange segments UNB/UNZ are defined in the general introduction. The basic principle for an Edig@s Interchange being that there shall be only one UN/EDIFACT Message per Interchange.

UNH - M	**MESSAGE HEADER – To head, identify and specify a Message**			
0062	M	an..14	MESSAGE REFERENCE NUMBER	Unique message reference assigned by the sender.
S009:0065	M	an..6	Message type	Code identifying a type of message and assigned by its controlling agency. **APERAK** (=Application Error & Acknowledgement)
S009:0052	M	an..3	Message version number	Version number of a message type. **2** (=Mig version)
S009:0054	M	an..3	Message release number	Release number within the current message type version number (0052). **0**
S009:0051	M	an..2	Controlling agency	Code to identify the agency controlling the specification, maintenance and publication of the message type. **EG** (=Edig@s)
S009:0057	M	an..6	Association assigned code	A code assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. **EGAS40** (=Edig@s subset identification)
0068	N	an..35	COMMON ACCESS REFERENCE	Reference serving as a key to relate all subsequent transfers of data to the same business case or file. **NOT USED**
S010:0070	N	n..2	Sequence of transfers	Number assigned by the sender indicating the numerical sequence of one or more transfers. **NOT USED**
S010:0073	N	a1	First and last transfer	Indication used for the first and last message in a sequence of the same type of message relating to the same topic. **NOT USED**
Remarks	*There is one mandatory occurrence of UNH per message.*			
Example	**UNH+1+APERAK:2:0:EG:EGAS40'**			

BGM – M	**BEGINNING OF MESSAGE – To indicate the type and function of a message and to transmit the identifying number.**			
C002:1001	M	an..3	Document name code	Code specifying the document name. **294** (=*Application Error & Acknowledgement*)
C002:1131	N	an..3	Code list identification code	Code identifying a user or association maintained code list **NOT USED**
C002:3055	M	an..3	Code list responsible agency	Code identifying a user or association maintained code list. **5** *(=ISO/UN)*
C002:1000	N	an..35	Document name	Name of a document. **NOT USED**
C106:1004	M	an..35	Document identifier	To identify a document. *See section 2.2.1.1*
C106:1056	C	an..9	Version identifier	To identify a version.
C106:1060	N	an..6	Revision identifier	To identify a revision **NOT USED**
1225	M	an..3	MESSAGE FUNCTION CODE	Code indicating the function of the message. *See restricted code list below*
4343	N	an..3	RESPONSE TYPE CODE	Code specifying the type of acknowledgment required or transmitted. **NOT USED**
Remarks	*There is one mandatory occurrence of BGM per message.*			
Attention	*The following structure for the message number in BGM-1004 is mandatory in the Edig@s messages: 6 character message code + a unique identification*			
Example	**BGM+294::5+APERAK20090101A00001+27'**			

Restricted code list for BGM-1225	
6	Confirmed
27	Not accepted
34	Accepted with admendment

DTM - M	
Remarks	*Contrary to all other Edig@s messages there are only 2 occurrences of DTM at header level:* ➢ *One for the time zone definition* ➢ *One for the message issuance date and time.* *This is because there are only2 DTM occurrences at header level in the EDIFACT UNSM APERAK.* *For more details regarding the mandatory use of DTM in the Edig@s messages see item 4 in the Introduction to the Edig@s MIG.*

DTM.1 - M	**DATE/TIME/PERIOD - To specify date, and/or time, or period.** **It identifies the time definition**			
C507:2005	M	an..3	Date or time or period function code qualifier	Code qualifying the function of a date, time or period. **Z05** (=Time definition)
C507:2380	M	an..35	Date or time or period text	The value of a date, a date and time, a time or of a period in a specified representation. **0** (=UTC)
C507:2379	M	an..3	Date or time or period format code	Code specifying the representation of a date, time or period. **805** (=Hour)
Remarks	*All times indicated in this message must be expressed according to this same metrology.* ***Recommendation**: Edig@s strongly recommends using UTC as the standard time metrology. See also the Introduction to the Edig@s MIG.*			
Example	**DTM+Z05:0:805'**			

DTM.2 – M	**DATE/TIME/PERIOD - To specify date, and/or time, or period.** **It identifies the date and time of the message**			
C507:2005	M	an..3	Date or time or period function code qualifier	Code qualifying the function of a date, time or period. **137** (=Document/message date/time)
C507:2380	M	an..35	Date or time or period text	The value of a date, a date and time, a time or of a period in a specified representation. *Date/time in format as indicated in C507:2379*
C507:2379	M	an..3	Date or time or period format code	Code specifying the representation of a date, time or period. **203** (=CCYYMMDDHHMM)
Remarks				
Example	**DTM+137:200309051506:203'**			

SG2 – M	RFF-DTM
Remarks	*The mandatory segment group 2 consists only of RFF.* *There will be one occurrence of segment group 2 at header level to provide the reference and the issuance date and time of the original message that is being acknowledged or rejected.*

RFF - M	REFERENCE – To specify a reference.			
C506:1153	M	an..3	Reference code qualifier	Code qualifying a reference. **ACW** *(=Reference number to previous message)*
C506:1154	M	an..35	Reference identifier	Identifies a reference. *Number as in BGM-1004 in original message*
C506:1156	N	an..6	Document line identifier	To identify a line of a document. **NOT USED**
C506:1056	N	an..9	Version identifier	To identify a version. **NOT USED**
C506:1060	N	an..6	Revision identifier	To identify a revision. **NOT USED**
Remarks				
Example	**RFF+ACW:123456'**			

DTM – M	DATE/TIME/PERIOD - To specify date, and/or time, or period. It identifies the date and time of the message			
C507:2005	M	an..3	Date or time or period function code qualifier	Code qualifying the function of a date, time or period. **171** *(=Reference date/time)*
C507:2380	M	an..35	Date or time or period text	The value of a date, a date and time, a time or of a period in a specified representation. *Date/time in format as indicated in C507:2379*
C507:2379	M	an..3	Date or time or period format code	Code specifying the representation of a date, time or period. **203** *(=CCYYMMDDHHMM)*
Remarks	*Date as defined in the second DTM (C507:2005 = 137), at header level, in the original message that is being acknowledged or rejected.*			
Example	**DTM+171:200309051506:203'**			

SG3.1 – M	Original message's issuer
Remarks	*The mandatory segment group 3 consists only of NAD and is used to provide **exactly** the same NAD information as in the original message that is being acknowledged or rejected.* ***The NAD segments do NOT reflect the situation of the APERAK message but the one that is relevant for the original message.***

SG3.1 – M	Original message's issuer
Remarks	*The first occurrence of segment group 3 must be **IDENTICAL** to the first occurrence of the equivalent segment group in the original message.*

NAD – M	**NAME AND ADDRESS – To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.** **Identifies the issuer of the original message**			
3035	M	an..3	PARTY FUNCTION CODE QUALIFIER	Code giving specific meaning to a party *See remarks*.
C082:3039	M	an..35	Party identifier	Code specifying the identity of a party. *See remarks*
C082:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. **NOT USED**
C082:3055	*M*	*an..3*	*Code list responsible agency code*	Code specifying the agency responsible for a code list. *See remarks*
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3045	N	an..3	Party name format code	Party name format code **NOT USED**
C059:3042	N	an..35	Street and number or post office box identifier x	To identify a street and number and/or Post Office box number. **NOT USED**
C059:3042	N	an..35	Street and number or post office box identifier x	To identify a street and number and/or Post Office box number. **NOT USED**
C059:3042	N	an..35	Street and number or post office box identifier x	To identify a street and number and/or Post Office box number. **NOT USED**
C059:3042	N	an..35	Street and number or post office box identifier x	To identify a street and number and/or Post Office box number. **NOT USED**
3164	N	an..35	CITY NAME	Name of a city. **NOT USED**
C819:3229	N	an..9	Country subdivision identifier	To identify a country subdivision, such as state, canton, county, prefecture. **NOT USED**
C819:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. Not used **NOT USED**
C819:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. **NOT USED**
C819:3228	N	an..70	Country subdivision name	Name of a country subdivision, such as state, canton, county, prefecture. **NOT USED**
3251	N	an..17	POSTAL IDENTIFICATION CODE	Code specifying the postal zone or address. **NOT USED**
3207	N	an..3	COUNTRY IDENTIFIER	Identification of the name of the country or other geographical entity as defined in ISO 3166-1 and UN/ECE Recommendation 3. **NOT USED**
Remarks	*The values in NAD-3035 and NAD-C082:3039/3055 must be identical to those in the corresponding NAD in the original message.*			
Example	**NAD+ZSH+GGG::321'**			

SG3.2 – M	Original message's recipient
Remarks	*The second occurrence of segment group 3 must be **IDENTICAL** to the second occurrence of the equivalent segment group in the original message.*

NAD - M	NAME AND ADDRESS – To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207. Identifies the recipient of the original message			
3035	M	an..3	PARTY FUNCTION CODE QUALIFIER	Code giving specific meaning to a party *See remarks*.
C082:3039	M	an..35	Party identifier	Code specifying the identity of a party. *See remarks*
C082:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. **NOT USED**
C082:3055	*M*	*an..3*	*Code list responsible agency code*	Code specifying the agency responsible for a code list. *See remarks*
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C058:3124	N	an..35	Name and address description	Free form description of a name and address line. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3036	N	an..35	Party name	Name of a party. **NOT USED**
C080:3045	N	an..3	Party name format code	Party name format code **NOT USED**
C059:3042	N	an..35	Street and number or post office box identifier x	To identify a street and number and/or Post Office box number. **NOT USED**
C059:3042	N	an..35	Street and number or post office box identifier x	To identify a street and number and/or Post Office box number. **NOT USED**
C059:3042	N	an..35	Street and number or post office box identifier x	To identify a street and number and/or Post Office box number. **NOT USED**
C059:3042	N	an..35	Street and number or post office box identifier x	To identify a street and number and/or Post Office box number. **NOT USED**
3164	N	an..35	CITY NAME	Name of a city. **NOT USED**
C819:3229	N	an..9	Country subdivision identifier	To identify a country subdivision, such as state, canton, county, prefecture. **NOT USED**
C819:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. Not used **NOT USED**
C819:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. **NOT USED**
C819:3228	N	an..70	Country subdivision name	Name of a country subdivision, such as state, canton, county, prefecture. **NOT USED**
3251	N	an..17	POSTAL IDENTIFICATION CODE	Code specifying the postal zone or address. **NOT USED**
3207	N	an..3	COUNTRY IDENTIFIER	Identification of the name of the country or other geographical entity as defined in ISO 3166-1 and UN/ECE Recommendation 3. **NOT USED**
Remarks	*The values in NAD-3035 and NAD-C082:3039/3055 must be identical to those in the corresponding NAD in the original message*			
Example	**NAD+ZSO+RRR::321'**			

SG4 – C	ERC - FTX
Remarks	*The conditional segment group 4 consists only of ERC and conditionally FTX.* *It is only used when the original message is rejected, i.e. when BGM-1225 has the value '27 = Not accepted'.* *The conditional FTX segment is used to provide additional textual information in 4440 whenever necessary to further clarify the error. This is the only context where an FTX segment may be expected.*

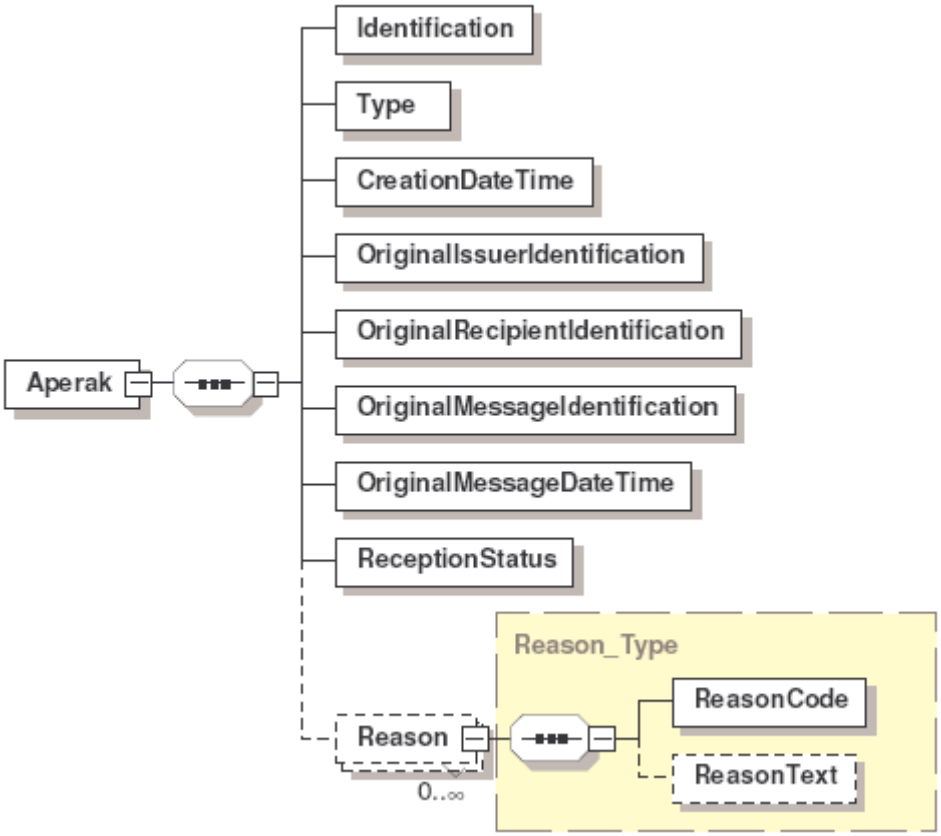
ERC - M	APPLICATION ERROR INFORMATION – To identify the type of application error within a message.			
C901:9321	M	an..8	Application error code	Code specifying an application error.
C901:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. **NOT USED**
C901:3055	M	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. **321** (=Edig@s)
Remarks	*If the original message is rejected, there is at least one mandatory occurrence of ERC. If more than one error code needs to be transmitted the ERC segment can be repeated (with a maximum of 999 occurrences per message).*			
Example	ERC+23G::321'			

FTX - C	FREE TEXT – **To provide free form or coded text information.**			
4451	M	an..3	TEXT SUBJECT CODE QUALIFIER	Code qualifying the subject of the text. **AAO** *(=Error description (free text))*
4453	N	an..3	FREE TEXT FUNCTION CODE	Code specifying the function of free text. **NOT USED**
C107:4441	N	an..17	Free text description code	Code specifying free form text. . **NOT USED**
C107:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. **NOT USED**
C107:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. . **NOT USED**
C108:4440	M	an..512	Free text	Free text field available to the message sender to provide additional information
C108:4440	C	an..512	Free text	Free text field available to the message sender to provide additional information
C108:4440	C	an..512	Free text	Free text field available to the message sender to provide additional information
C108:4440	C	an..512	Free text	Free text field available to the message sender to provide additional information
C108:4440	C	an..512	Free text	Free text field available to the message sender to provide additional information
3453	N	an..3	LANGUAGE NAME CODE	Code specifying the language name. **NOT USED**
4447	N	an..3	FREE TEXT FORMAT CODE	Code specifying the format of free text. **NOT USED**
Remarks	The FTX segment shall only be used in the case where there is an error condition identified in the ERC segment. The FTX segment may then be used to provide further information to enable the receiving party to more easily identify the error situation			
Example	FTX+AAO+++ERROR DESCRIPTION'			

UNT – M	MESSAGE TRAILER – To end and check the completeness of a Message			
0074	M	n..6	NUMBER OF SEGMENTS IN THE MESSAGE	Control count of number of segments in a message. Total number of segments in message (including UNH & UNT)
0062	M	an..14	MESSAGE REFERENCE NUMBER	Unique message reference assigned by the sender. *Must be identical to UNH-0062*
Remarks	*There is one mandatory occurrence of UNT at the end of the message.*			
Example	**UNT+175+1'**			

4 XML IMPLEMENTATION OF APERAK

4.1 XML Structure



4.2 XML Schema

4.2.1 Introduction

All electronic documents using this Implementation guide Specification shall complete the document Version and Release attributes as follows:

- Version: “EGAS40”. This corresponds to the Edig@s package identification.
- Release: “2”. This corresponds to the Message Implementation Guide Version number.

4.2.2 Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:ecc="core-cmpts.xsd" xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified"
attributeFormDefault="unqualified" ecc:VersionRelease="3.5">
    <xsd:import namespace="core-cmpts.xsd" schemaLocation="../cclib/core-cmpts.xsd"/>
    <!--
            EDIGAS Document Automatically generated from a UML class diagram using XMI.
            Generation tool version 1.7
        -->
    <xsd:element name="Aperak">
        <xsd:complexType>
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
            <xsd:sequence>
                <xsd:element name="Identification" type="ecc:IdentificationType">
                    <xsd:annotation>
                        <xsd:documentation/>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="Type" type="ecc:MessageType">
                    <xsd:annotation>
                        <xsd:documentation/>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="CreationDateTime" type="ecc:MessageDateTimeType">
                    <xsd:annotation>
                        <xsd:documentation/>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="OriginalIssuerIdentification" type="ecc:PartyType">
                    <xsd:annotation>
                        <xsd:documentation/>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="OriginalRecipientIdentification" type="ecc:PartyType">
                    <xsd:annotation>
                        <xsd:documentation/>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="OriginalMessageIdentification" type="ecc:IdentificationType">
                    <xsd:annotation>
                        <xsd:documentation/>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="OriginalMessageDateTime" type="ecc:MessageDateTimeType">
                    <xsd:annotation>
                        <xsd:documentation/>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="ReceptionStatus" type="ecc:FunctionType">
                    <xsd:annotation>
                        <xsd:documentation/>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
            </xsd:sequence>
            <xsd:attribute name="Version" type="xsd:string" use="required"/>
            <xsd:attribute name="Release" type="xsd:string" use="required"/>
        </xsd:complexType>
    </xsd:element>
    <xsd:complexType name="Reason_Type">
```

```
        <xsd:annotation>
            <xsd:documentation/>
        </xsd:annotation>
        <xsd:sequence>
            <xsd:element name="ReasonCode" type="ecc:ApplicationErrorType">
                <xsd:annotation>
                    <xsd:documentation/>
                </xsd:annotation>
            </xsd:element>
            <xsd:element name="ReasonText" type="ecc:ReasonTextType" minOccurs="0">
                <xsd:annotation>
                    <xsd:documentation/>
                </xsd:annotation>
            </xsd:element>
        </xsd:sequence>
    </xsd:complexType>
</xsd:schema>
```

5 DOCUMENT CHANGE LOG

Package	Version	Date	Description
4.0	1	2007-12-31	Version 4 issued
4.0	2	2009-04-27	Correction UNH, addition of the model definition