

SECTION

II

Infrastructure Messages

01

NOMINT

Nomination Message

Version 4.0



EASEE-gas/Edig@s Workgroup

Document version: 4

COPYRIGHT & LIABILITY

The Edig@s Workgroup 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.

TABLE OF CONTENTS

1	INTRODUCTION.....	4
1.1	Functional definition	4
1.2	Principles.....	4
1.3	Field of application	4
1.4	References	4
2	INFORMATION MODEL FOR NOMINT.....	5
2.1	Information Model Structure	5
2.2	Information model description	6
2.2.1	<i>Rules governing the Nomination Document Class</i>	<i>6</i>
2.2.2	<i>Rules governing the Connection Point Class</i>	<i>9</i>
2.2.3	<i>Rules governing the Period Class</i>	<i>12</i>
2.2.4	<i>Rules governing the Status Class</i>	<i>13</i>
2.2.5	<i>Rules governing the GCV Estimated Information Class</i>	<i>14</i>
3	EDIFACT IMPLEMENTATION OF NOMINT.....	17
3.1	Edig@s subset of the UN/EDIFACT ORDERS Branching Diagram.....	17
3.2	EDIFACT Template Description	18
4	XML IMPLEMENTATION OF NOMINT	33
4.1	XML Structure	33
4.2	XML Schema	34
5	DOCUMENT CHANGE LOG	37

**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 Nomination - NOMINT - 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 NOMINT message is used whenever a shipper wants to make a specific infrastructure (transportation, storage, LNG...) nomination request to a System Operator.

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 NOMINT message is exchanged to indicate a quantity to be nominated for a given infrastructure function such as transport or storage.

1.3 FIELD OF APPLICATION

The NOMINT message is used by a Shipper to transmit infrastructure nomination information to a System Operator

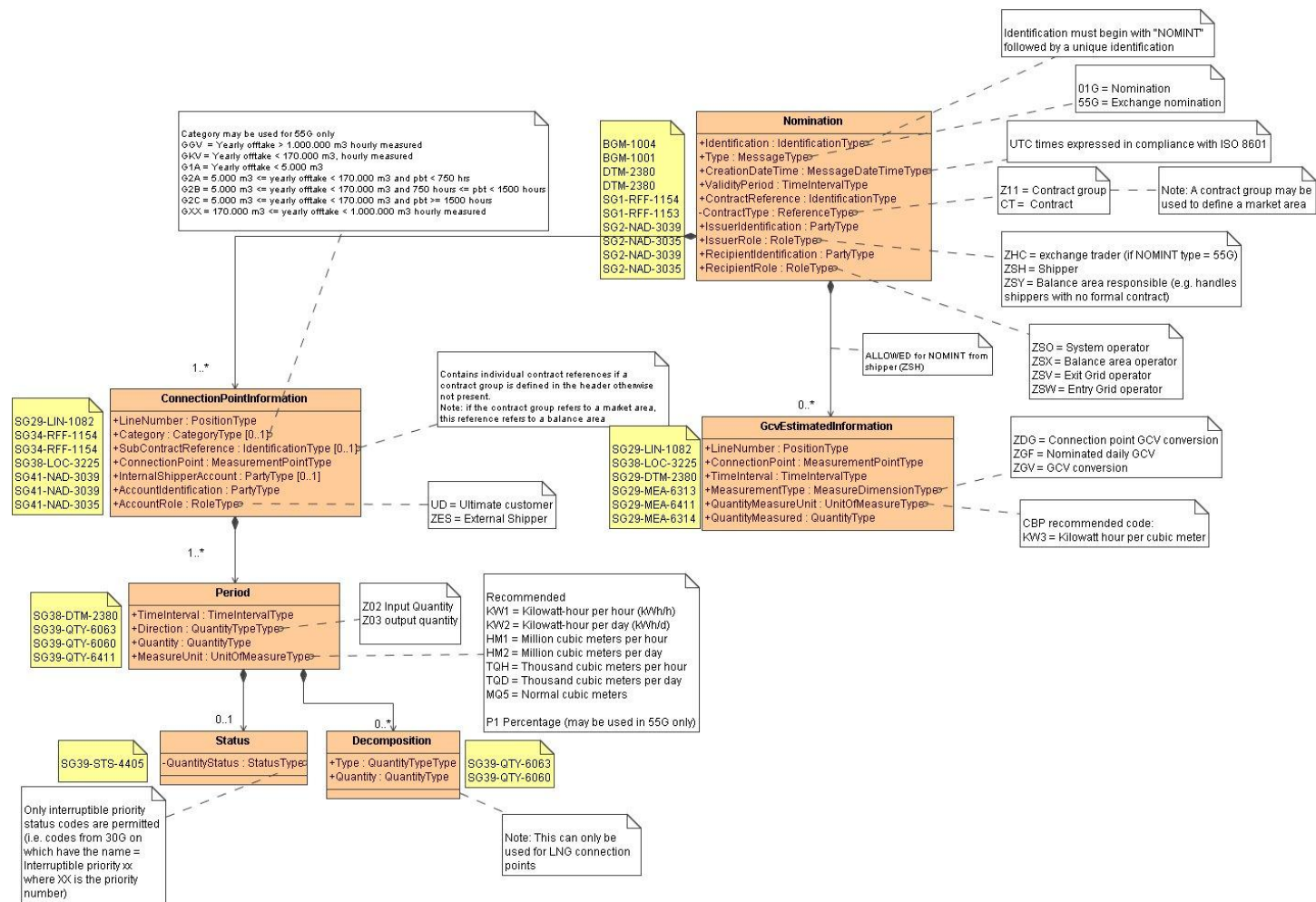
Normally this message will be replied to by means of a Nomination Response – NOMRES – message initiated by the System Operator. This NOMRES message is described in Part II.02 of the Edig@s MIG.

1.4 REFERENCES

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

2 INFORMATION MODEL FOR NOMINT

2.1 INFORMATION MODEL STRUCTURE



2.2 INFORMATION MODEL DESCRIPTION

A Nomination document is used during two distinct phases of the nomination process. It is used during the Transport phase by a shipper to send the initial nominations and any rectifications after reception of the NOMRES following the initial transmission. It may also be used during the Exchange phase by a market trader to inform a System Operator of nominations carried out on a trading place.

2.2.1 Rules governing the Nomination Document Class

2.2.1.1 IDENTIFICATION

ACTION	DESCRIPTION
Definition of element	Unique identification of the document describing the Nomination document.
Description	A Nomination 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: NOMINT 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 "NOMINT20090101A00001". The sender must guarantee that this identification is unique over time
Size	The identification of a Nomination 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 Nomination Document that is being sent. The following types of Nomination Document are currently permitted: 01G = Nomination. A message used by a Shipper to nominate the quantities to be transported or stored/withdrawn within the stated period. 55G = Exchange Nomination. A message from the Hub Customer to the Hub Service Provider to nominate quantities to be exchanged at a Hub (virtual trading point).
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 VALIDITY PERIOD

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

2.2.1.5 CONTRACT REFERENCE

ACTION	DESCRIPTION
Definition of element	Reference to a contract covering the Nomination.
Description	The contract reference may be of two types which is identified by the Contract Type: <ul style="list-style-type: none"> ➤ A contract group identification when the document relates to different contracts that belong to the same contract group. This contract group must be identified here while the different contracts must be identified Connection Point level. ➤ A contract identification when only one contract is relevant for the whole document.
Size	The contract reference may not exceed 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None

2.2.1.6 CONTRACT TYPE

ACTION	DESCRIPTION
Definition of element	The type of the contract identified in the Contract Reference.
Description	This identifies the type of the contract reference identified in the Contract Reference attribute. The following types of Contract Type are currently permitted: CT =Contract number. Z11 = Contract group reference number. (note: A contract group may be used to define a market area).
Size	A type may not exceed 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.1.7 ISSUER IDENTIFICATION – CODING SCHEME

ACTION	DESCRIPTION
Definition of element	Identification of the party who has initiated the document.
Description	The initiator 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 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 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.

2.2.1.8 ISSUER ROLE

ACTION	DESCRIPTION
Definition of element	Identification of the role that the party who has initiated the document is playing.
Description	The role being played by the initiator of the document for this transmission. The following roles are permitted for this document: ZHC = Exchange Trader (only if Type = 55G); ZSH = Shipper ZSY = Balance area responsible (e.g. handles shippers with no formal contract).
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.1.9 RECIPIENT IDENTIFICATION – CODING SCHEME

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 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 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.

2.2.1.10 RECIPIENT ROLE

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 ZSX = Balance Area Operator ZSV = Exit Grid Operator ZSW = Entry Grid Operator.
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.2 Rules governing the Connection Point Information Class

There may one to many Connection Points in a Nomination document.

2.2.2.1 LINE NUMBER

ACTION	DESCRIPTION
Definition of element	A sequential number of the Connection Point set.
Description	Each Connection Point is assigned a sequential number to identify it within the set being provided in the document.
Size	The maximum length of this information is 6 numeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.2.2 CATEGORY

ACTION	DESCRIPTION
Definition of element	The identification of the category of the gas that is used.
Description	The Category of the gas may only be used where the Type = 55G. The following codes are permitted: GGV = Yearly offtake > 1.000.000 m3 hourly measured GKV = Yearly offtake < 170.000 m3, hourly measured G1A = Yearly offtake < 5.000 m3 G2A = 5.000 m3 <= yearly offtake < 170.000 m3 and pbt < 750 hrs G2B = 5.000 m3 <= yearly offtake < 170.000 m3 and 750 hours <= pbt < 1500 hours G2C = 5.000 m3 <= yearly offtake < 170.000 m3 and pbt >= 1500 hours GXX = 170.000 m3 <= yearly offtake < 1.000.000 m3 hourly measured
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is dependent.
Dependence requirements	This information may only be used where the Type = 55G

2.2.2.3 SUBCONTRACT REFERENCE

ACTION	DESCRIPTION
Definition of element	Reference to an individual contract covering the connection point.
Description	The subcontract reference identifies the contract identification that is relevant for the connection point.
Size	The subcontract reference may not exceed 35 alphanumeric characters. Note: If the contract group refers to a market area, the subcontract reference refers to a balance area.
Applicability	This information is dependent.
Dependence requirements	This may only be used if the Contract Type = Z11

2.2.2.4 CONNECTION POINT – CODING SCHEME

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 should indicate either the code "321" if it is an Edig@s code, the code "305" if it is an EIC code, the code "9" if it is a GS1 code or the code "ZSO" if it is 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.

2.2.2.5 INTERNAL SHIPPER ACCOUNT – CODING SCHEME

ACTION	DESCRIPTION
Definition of element	The identification of the shipper account that is known to the receiving Operator.
Description	The identification of the internal shipper 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 should indicate either the code "321" if it is an Edig@s code, the code "305" if it is an EIC code, the code "9" if it is a GS1 code or the code "ZSO" if it is a System Operator code.
Size	The maximum length of the Internal Shipper Account is 35 alphanumeric characters. The maximum length of the coding scheme is 3 alphanumeric characters
Applicability	Both the Internal shipper Account and the coding scheme are Dependent.
Dependence requirements	This is only used when an internal shipper account is identified

2.2.2.6 ACCOUNT IDENTIFICATION– CODING SCHEME

ACTION	DESCRIPTION
Definition of element	The identification of an account that is known to both System Operators.
Description	The identification of an Account that is known to both system Operators. 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, the code "305" if it is an EIC code, the code "9" if it is a GS1 code or the code "ZSO" if it is a System Operator code.
Size	The maximum length of the Account Identification is 35 alphanumeric characters. The maximum length of the coding scheme is 3 alphanumeric characters
Applicability	Both the Account Identification and the coding scheme are mandatory.
Dependence requirements	None.

2.2.2.7 ACCOUNT ROLE

ACTION	DESCRIPTION
Definition of element	The identification of the role played by the account
Description	The identification of the role played by the Account Identification. The following Roles are permitted: UD = Ultimate Customer ZES = External Shipper
Size	The maximum length of the Account Role is 3 alphanumeric characters.
Applicability	Both the Account Role is mandatory.
Dependence requirements	None.

2.2.3 Rules governing the Period Class

There must always be a Period class.

2.2.3.1 TIME INTERVAL

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 of 24 hours.
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.

2.2.3.2 DIRECTION

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

2.2.3.3 QUANTITY

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 and sign, 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.

2.2.3.4 MEASURE UNIT

ACTION	DESCRIPTION
Definition of element	The unit of measure which is applied to all the quantities in the time series of the document.
Description	<p>The unit of measurement used for all the quantities expressed within a time series.</p> <p>The following are the codes recommended for use:</p> <ul style="list-style-type: none"> KW1 Kilowatt-hour per hour (kWh/h) KW2 Kilowatt-hour per day (kWh/d) HM1 Million cubic meters per hour HM2 Million cubic meters per day TQH Thousand cubic meters per hour TQD Thousand cubic meters per day MQ5 Normal cubic meters P1 Percentage (only where Type = 55G)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.4 Rules governing the Status Class

The presence of a Status Class is dependent on the information requirements that are determined by local market rules. Only one status class is permitted per Quantity.

2.2.4.1 QUANTITY STATUS

ACTION	DESCRIPTION
Definition of element	The status of given quantity within a time interval.
Description	<p>This information provides the status of the quantity for the time interval being reported.</p> <p>Currently only Interruptible Priority status values as defined in the Edig@s codelist are permitted (codes from 30G on where the name corresponds to "Interruptible priority xx" where XX equals the interruptible priority number).</p>
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None

2.2.5 Rules governing the Decomposition Class

The presence of a Decomposition Class is dependent on the information requirements that are determined by local market rules and is restricted to LNG Connection Points.

A Decomposition Class is used whenever the quantities nominated have to be distributed by type of contract to which they are being nominated.

The sum of the quantities in the Decomposition class must correspond to the total quantity that is being nominated in the Period class.

The Unit of Measure must be identical to the Unit of Measure identified in the Period class.

The Direction must be identical to the Direction identified in the Period class.

2.2.5.1 TYPE

ACTION	DESCRIPTION
Definition of element	The type of the contract that the quantity is being nominated from.
Description	This information provides the type of the contract that the quantity is being extracted from. The current types permitted for this code are: ZXD : Firm ZXE : Makeup ZXF : Interruptible
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None

2.2.5.2 QUANTITY

ACTION	DESCRIPTION
Definition of element	The quantity that is being used for the type of contract in question.
Description	This information provides the quantity that is being extracted from a given type of contract.
Size	The maximum length of this information is 17 numeric characters (decimal mark and sign, 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

2.2.6 Rules governing the GCV Estimated Information Class

There may zero to many GCV estimated information in a Nomination document.

2.2.6.1 LINE NUMBER

ACTION	DESCRIPTION
Definition of element	A sequential number of the GCV set.
Description	Each GCV Estimated Information is assigned a sequential number to identify it within the set being provided in the document.
Size	The maximum length of this information is 6 numeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.6.2 CONNECTION POINT – CODING SCHEME

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 should indicate either the code "321" if it is an Edig@s code, the code "305" if it is an EIC code, the code "9" if it is a GS1 code or the code "ZSO" if it is 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.

2.2.6.3 TIME INTERVAL

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 of 24 hours.
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.

2.2.6.4 MEASUREMENT TYPE

ACTION	DESCRIPTION
Definition of element	The identification of the type of measurement that is being applied.
Description	The type of measurement that is used. The following are the codes recommended for use: ZDG Connection point GCV conversion ZGF Nominated daily GCV ZGV GCV conversion
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.6.5 QUANTITY MEASURE UNIT

ACTION	DESCRIPTION
Definition of element	The unit of measure which is applied to the quantity measured
Description	The unit of measurement used for to identify the measure unit of the quantity measured. The following are the codes recommended for use: KW3 Kilowatt-hour per cubic meter
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

2.2.6.6 QUANTITY MEASURED

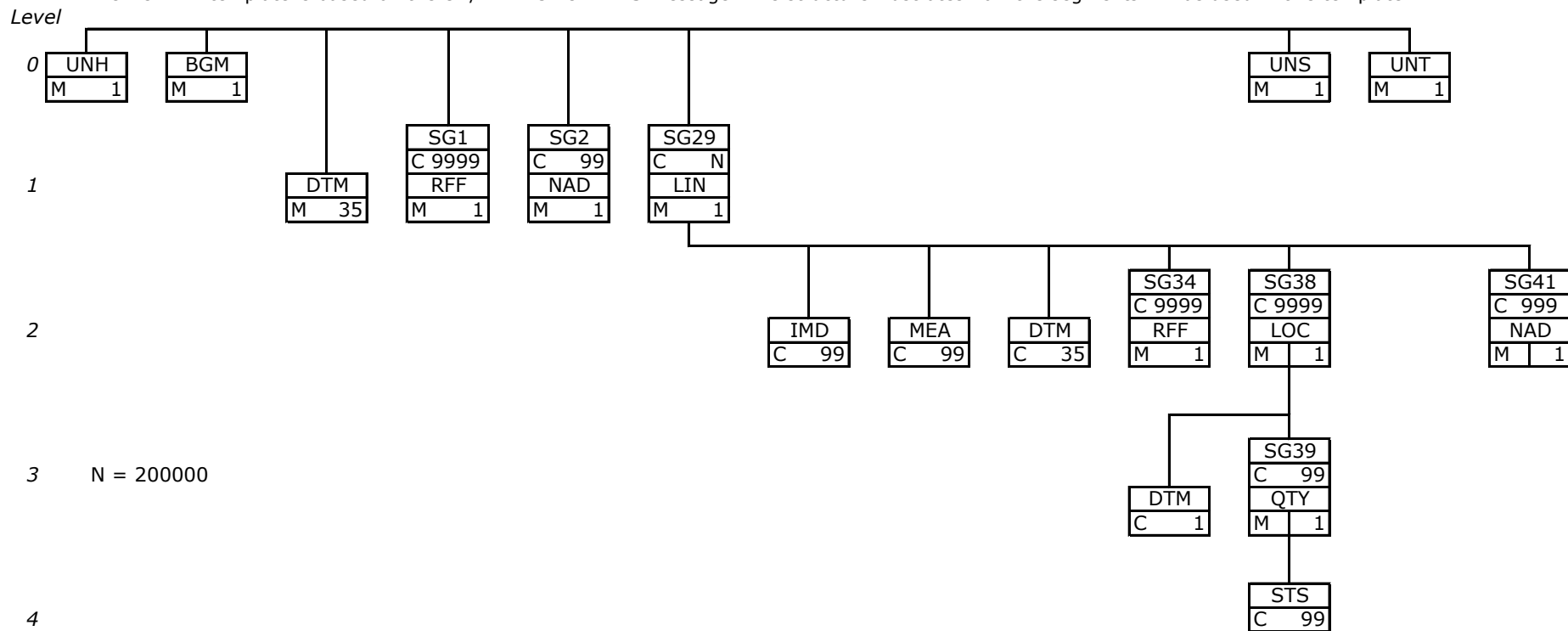
ACTION	DESCRIPTION
Definition of element	The quantity that is measured for the GCV.
Description	This information defines the quantity that is used for the measurement of the GCV. A decimal point value may be used to express values that are inferior to the defined unit of measurement. The decimal mark 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 and sign, 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.

3 EDIFACT IMPLEMENTATION OF NOMINT

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 ORDERS D.08B BRANCHING DIAGRAM

The NOMINT template is based on the UN/EDIFACT ORDERS message. This structure illustrates how the segments will be used in this template.



3.2 EDIFACT TEMPLATE DESCRIPTION

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

Message purpose	BGM-1001 =
Nomination: message used by a Shipper to nominate the quantities to be transported or stored/withdrawn within the stated period.	01G
Exchange Nomination: message from the Hub Customer to the Hub Service Provider to nominate quantities to be exchanged at a Hub (virtual trading point).	55G

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		0010 - 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. NOMINT (=Nomination message)	
S009:0052	M	an..3	Message version number	Version number of a message type. 4 (=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	<i>There is one mandatory occurrence of UNH per message.</i>				
Example	UNH+1+NOMINT:4:0: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. <i>See restricted code list below</i>	
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. 321 (=Edig@s)	
C002:1000	N	An..35	Document name	Name of a document. NOT USED	
C106:1004	M	An..35	Document identifier	To identify a document. <i>See section 2.2.1.1</i>	
C106:1056	N	An..9	Version identifier	To identify a version. NOT USED	
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. 9 (=Original)	
4343	N	An..3	RESPONSE TYPE CODE	Code specifying the type of acknowledgment required or transmitted. NOT USED	
Remarks	<i>There is one mandatory occurrence of BGM per message.</i>				
Attention	<i>The following structure for the message number in BGM-1004 is mandatory in the Edig@s messages: 6 character message code + a unique identification</i>				
Example	BGM+01G::321+NOMINT20090101A00001+9'				

Restricted code list for BGM-1001	
01G	Nomination
55G	Exchange Nomination

DTM - M	
Remarks	<i>There are 3 mandatory occurrences of DTM at message header level in the Edig@s messages. For more details regarding the mandatory use of DTM at header level in the Edig@s messages see the Introduction to the Edig@s MIG.</i>

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	<i>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.</i>			
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. <i>Date/time in format as indicated in C507:2379</i>
C507:2379	M	an..3	Date or time or period format code	Code specifying the representation of a date, time or period. 203 (=CCYMMDDHHMM)
Remarks				
Example	DTM+137:200309051506:203'			

DTM.3 - M	DATE/TIME/PERIOD - To specify date, and/or time, or period. It identifies the (validity) period covered by 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. Z01 (=Period identification)
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. <i>Date/time in format as indicated in C507:2379</i>
C507:2379	M	an..3	Date or time or period format code	Code specifying the representation of a date, time or period. 719 (=CCYMMDDHHMMCCYMMDDHHMM)
Remarks				
Example	DTM+Z01:200309090400200309160400:719'			

SG1 – M	RFF
Remarks	<p>The mandatory segment group 1 consists only of RFF.</p> <p>There will be only one occurrence of segment group 1 at header level to provide:</p> <ul style="list-style-type: none"> ➤ The contract group identification when the message relates to different contracts that belong to the same contract group. This contract group must be identified in the RFF segment at header level while the different contracts must be identified in the RFF segment at detail level. ➤ The contract identification when only one contract is relevant for the whole message.

RFF – M		REFERENCE – To specify a reference.		
This identifies the contract (group) relevant for this message				
C506:1153	M	an..3	Reference code qualifier	Code qualifying a reference. <i>See restricted qualifier code list below</i>
C506:1154	M	an..35	Reference identifier	Identifies a reference. <i>Mutually agreed contract identification</i>
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+Z11:TRABCRR01'		

Restricted qualifier code list for RFF-C506:1153	
CT	Contract number
Z11	Contract group reference number

SG2 – M	NAD
Remarks	<i>Two NAD segments are mandatory, one to identify the issuer of the message and one to identify the recipient of the message</i>

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.			
		This Identifies the issuer and recipient of the message			
3035	M	an..3	PARTY FUNCTION CODE QUALIFIER	Code giving specific meaning to a party. <i>See restricted qualifier code list below</i>	
C082:3039	M	an..35	Party identifier	Code specifying the identity of a party.	
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. <i>See restricted qualifier code list below</i>	
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					
Example	NAD+ZSH+GREENSHIPPER::321'				

Restricted qualifier code list for NAD-3035 for issuers of a message	
ZHC	Exchange trader (if BGM-1001 = 55G)
ZSH	Shipper (if BGM-1001 = 01G)
ZSY	Balance area responsible (e.g. handles shippers with no formal contract)

Restricted qualifier code list for NAD-3035 for recipients of a message	
ZSO	System Operator
ZSX	Balance area operator
ZSV	Exit grid operator
ZSW	Entry grid operator

Restricted qualifier code list for NAD-C082-3055	
321	Assigned by Edig@s
305	Assigned by ETSO (EIC)

DETAIL SECTION

SG29 - M	LIN- MEA-DTM-SG34-SG38-SG41
Remarks	<p>The mandatory segment group 29 (LIN-loop) must appear at least once in the message. It will be repeated as many times (up to a maximum of 200.000 per message) as is required to cover all requirements. The segment group consists of:</p> <ul style="list-style-type: none"> ➤ LIN to uniquely identify the line item – (mandatory) ➤ MEA to provide message or line item related to GCV conversion values. – (conditional) ➤ DTM to specify date, time or period information relevant for this information – (conditional) ➤ SG34-[RFF] to provide a line item related to the contract reference and/or category – (conditional) ➤ SG38-[LOC-DTM-SG39] to provide a line item related to the connection point and quantity and date/time/period information relevant for that connection point – (mandatory) ➤ SG41-[NAD] to provide line item related to a party identification – (conditional) <p>The LIN-loop can be used for two purposes in this template:</p> <ul style="list-style-type: none"> ➤ To provide information that is relevant for the whole message but cannot be provided at header level – those occurrences are conditional ➤ To provide the detailed information – those occurrences are mandatory.

SG29.1 - C	LIN-MEA-DTM-SG38
Remarks	<p>A first conditional set of occurrences of segment group 29 is meant to transmit the GCV conversion estimation that is valid for the rest of the message..</p> <p>Segment (groups) that are included in this occurrence are:</p> <ul style="list-style-type: none"> ➤ LIN to uniquely identify the line item – (mandatory) ➤ MEA to provide message or line item related to GCV conversion values – (mandatory) ➤ DTM to specify date, time or period information relevant for this information – (mandatory) ➤ SG38-[LOC] to provide a connection point relevant for the values indicated in MEA – (mandatory) <p>If this information is not needed for the correct interpretation of the rest of the message, this occurrence of segment group 29 should be omitted.</p>

LIN - M	LINE ITEM – To identify a line item and configuration.			
Starts each new occurrence of the LIN-Loop				
1082	M	n..6	LINE ITEM IDENTIFIER	To identify a line item. <i>Sequential number</i>
1229	N	an..3	ACTION CODE	Code specifying the action to be taken or already taken. NOT USED
C212:7140	N	an..35	Item identifier	To identify an item. NOT USED
C212:7143	N	an..3	Item type identification code	Coded identification of an item type. NOT USED
C212:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. Not used NOT USED
C212:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED
C289:5495	N	an..3	Sub-line indicator code	Code indicating a sub-line item. NOT USED
C289:1082	N	an..6	Line item identifier	To identify a line item. NOT USED
1222	N	n..2	CONFIGURATION LEVEL NUMBER	To specify a level within a configuration. NOT USED
7083	N	an..3	CONFIGURATION OPERATION CODE	Code specifying the configuration operation. NOT USED
Remarks	<p>LIN-1082 is an identification, assigned by the originator of the message, allowing to unambiguously identify each new occurrence of LIN in the message.</p> <p>Recommendation: unless special requirements impose a different approach Edig@s recommends the use of a simple numerical sequence starting with '1' and incremented by 1 for each new occurrence of the LIN-segment.</p>			
Example	LIN+1'			

MEA-M		MEASUREMENTS – To specify physical measurements, including dimension tolerances, weights and counts. Provides GCV conversion values.		
6311	M	an..3	MEASUREMENT PURPOSE CODE QUALIFIER	Code qualifying the purpose of the measurement. SV (=Specification value)
C502:6313	M	an..3	Measured attribute code	Code specifying the attribute measured. <i>See restricted code list below</i>
C502:6321	N	an..3	Measurement significance code	Code specifying the significance of a measurement. NOT USED
C502:6155	N	an..17	Non-discrete measurement name code	Code specifying the name of a non-discrete measurement. NOT USED
C502:6154	N	an..70	Non-discrete measurement name	Name of a non-discrete measurement. NOT USED
C174:6411	M	an..8	Measurement unit code	Code specifying the unit of measurement. KW3 = (Kilowatt hour per cubic meter (kWh/m ³))
C174:6314	M	an..18	Measure	To specify the value of a measurement. <i>GCV value.</i>
C714:6162	N	n..18	Range minimum quantity	To specify the minimum value of a range. NOT USED
C714:6152	N	n..18	Range maximum quantity	To specify the maximum value of a range. NOT USED
C714:6432	N	n..2	Significant digits quantity	Count of the number of significant digits. NOT USED
7383	N	an..3	SURFACE OR LAYER CODE	Code specifying the surface or layer of an object. NOT USED
Remarks	<i>MEA is used if there is a need to transmit the GCV conversion values. Only one occurrence of MEA per LIN is possible.</i>			
Example	MEA+SV+ZDG+KW3:11.82'			

Restricted code list for MEA-C502:6313	
ZDG	(TSO) Connection Point GCV conversion
ZGF	Nominated daily GCV
ZGV	GCV conversion

DTM-M		DATE/TIME/PERIOD - To specify date, and/or time, or period. Identifies the date/time/period for the preceding value		
C507:2005	M	An..3	Date or time or period function code qualifier	Code qualifying the function of a date, time or period. 7 (=Effective 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. <i>Period in format as indicated in C507:2379</i>
C507:2379	M	An..3	Date or time or period format code	Code specifying the representation of a date, time or period. 719 (=CCYYMMDDHHMMCCYYMMDDHHMM)
Remarks				
Example	DTM+7:200309090400200309160400:719'			

SG38 – M	LOC
Remarks	<i>The mandatory segment group 38 consists only of LOC and is used to identify a connection point that is relevant for the values identified in MEA.</i>

LOC - M		LOCATION – To identify a place or a location and/or related locations.			
Identifies the connection point relevant for the values in this LIN-loop					
3227	M	an..3	LOCATION FUNCTION CODE QUALIFIER	Code identifying the function of a location. Z19 (= Connection Point)	
C517:3225	M	an..35	Location identification	To identify a location. <i>Use relevant code from one of the restricted code lists below</i>	
C517:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. NOT USED	
C517:3055	M	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. <i>See restricted code list below</i>	
C517:3224	N	an..256	Location name	Name of the location. NOT USED	
C519:3223	N	an..35	First related location identifier	To identify a first related location. NOT USED	
C519:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. Not used NOT USED	
C519:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED	
C519:3222	N	an..70	First related location name	Name of first related location. NOT USED	
C553:3233	N	an..35	Second related location identifier	To identify a second related location. NOT USED	
C553:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. Not used NOT USED	
C553:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED	
C553:3232	N	an..70	Second related location name	Name of the second related location. NOT USED	
5479	N	an..3	RELATION CODE	Code specifying a relation. NOT USED	
Remarks					
Example	LOC+Z19+DEESS::321'				

Restricted code list for LOC-C517:3055	
9	GS1
305	Assigned by ETSO (EIC)
321	Assigned by Edig@s
ZSO	Assigned by System Operator

SG29.2 – M	LIN- SG34-SG38-SG41
Remarks	<p>A second set of occurrences of segment group 29 is mandatory and provides the quantities and related information. At least one occurrence must appear in the message.</p> <p>Segment (groups) that are typically included in this occurrence are:</p> <ul style="list-style-type: none"> ➤ LIN to uniquely identify the line item – (mandatory) ➤ SG34-[RFF] to provide a line item related to a contract reference and/or category – (conditional) ➤ SG38-[LOC-DTM-SG39] to provide a line item related to a connection point and quantity and date/time/period information relevant for that connection point – (mandatory) ➤ SG41-[NAD] to provide line item related to a party identification – (mandatory)
Attention	<p>STRUCTURE OF SEGMENT GROUP 29:</p> <p>The following describes how segment group 29 should be structured.</p> <p>Segment group 29 can consist of 3 segment groups, i.e. SG34 (contract reference), SG38 (connection point, quantity and date) and SG41 (related party). As long as SG34, SG38 and SG41 remain unchanged all requirements can be provided in one single occurrence of segment group 29. However if SG34 and/or SG38 and/or SG41 have different values a new occurrence of segment group 29 will be required for each new combination. Examples:</p> <ol style="list-style-type: none"> 1. <u>SG34 and SG41 remain unchanged</u> SG38 can be repeated up to 9.999 times under LIN. Unless the number of occurrences is not enough to provide all requirements in one LIN, no new segment group 29 should be created. Segment group 34 is only used if a transport contract group has been identified at header level. Note that connection points, quantity qualifiers and measure units as well as the dates can be different. Note2: If a line represents the decomposition of quantity in a line being nominated the composite C289 is employed to indicate the values of the decomposition. 2. <u>SG34 and/or SG41 have different values</u> When different contracts and /or parties need to be identified for different connection points, quantities and/or dates, then a new segment group 29 needs to be created for each new condition.

LIN – M	LINE ITEM – To identify a line item and configuration.			
Starts each new occurrence of the LIN-Loop				
1082	M	n..6	LINE ITEM IDENTIFIER	To identify a line item. <i>Sequential number</i>
1229	N	an..3	ACTION CODE	Code specifying the action to be taken or already taken. NOT USED
C212:7140	N	an..35	Item identifier	To identify an item. NOT USED
C212:7143	N	an..3	Item type identification code	Coded identification of an item type. NOT USED
C212:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. Not used NOT USED
C212:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED
C289:5495	N	an..3	Sub-line indicator code	Code indicating a sub-line item. <i>In case of the decomposition of a Quantity for a Period the sub-line item indicates that the line is a decomposition of the line identified in C289:1082</i>
C289:1082	N	an..6	Line item identifier	To identify a line item. <i>In the case of a line that is being decomposed by contract type, this indicates the number of the line in question. The sub line indicator indicates that the line is a decomposition.</i>
1222	N	n..2	CONFIGURATION LEVEL NUMBER	To specify a level within a configuration. NOT USED
7083	N	an..3	CONFIGURATION OPERATION CODE	Code specifying the configuration operation. NOT USED
Remarks	<p>LIN-1082 is an identification, assigned by the originator of the message, allowing to unambiguously identify each new occurrence of LIN in the message.</p> <p>Recommendation: unless special requirements impose a different approach Edig@s recommends the use of simple numerical sequence starting with '1' and incremented by 1 for each new occurrence of the LIN-segment.</p>			
Example	LIN+3'			

SG34 – C	RFF
Remarks	<p>The conditional segment group 34 consists only of RFF. The segment group can be used in two cases:</p> <ol style="list-style-type: none"> when the RFF at header level refers to a contract group identification (RFF-C506:1153 = Z11). The segment group contains the reference to the contract relevant for this segment group 29. Separate occurrences of segment group 29 are required for each different contract when category information is provided (55G only)

RFF – M	REFERENCE – To specify a reference.			
	– Identifies a contract and/or a category			
C506:1153	M	an..3	Reference code qualifier	Code qualifying a reference. <i>See restricted code list below</i>
C506:1154	M	an..35	Reference identifier	Identifies a reference. <i>Mutually agreed contract identification or restricted category list below</i>
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+CT:TRABCRR01NN'			

Restricted qualifier code list for RFF-C506:1153	
CT	Contract
Z14	Category

Restricted qualifier code list for RFF-C506:1154 for categories	
GGV	Yearly offtake > 1.000.000 m3 hourly measured
GKV	Yearly offtake < 170.000 m3, hourly measured
G1A	Yearly offtake < 5.000 m3
G2A	5.000 m3 <= yearly offtake < 170.000 m3 and pbt < 750 hrs
G2B	5.000 m3 <= yearly offtake < 170.000 m3 and 750 hours <= pbt < 1500 hours
G2C	5.000 m3 <= yearly offtake < 170.000 m3 and pbt >= 1500 hours
GXX	170.000 m3 <= yearly offtake < 1.000.000 m3 hourly measured

SG38 – M	LOC - DTM – SG39
Remarks	<p>The mandatory segment group 38 will be repeated as many times as required to cover the whole period with a maximum of 9999 occurrences per LIN-loop. The segment group consists of:</p> <ul style="list-style-type: none"> ➤ LOC to identify a connection point that is relevant for this line item – (mandatory) ➤ DTM to specify relevant date/time/period information – (mandatory) ➤ SG39 to provide the quantity and status information relevant for this connection point – (mandatory)

LOC-M	LOCATION – To identify a place or a location and/or related locations. Identifies the connection point relevant for the quantities in this LIN-loop			
3227	M	an..3	LOCATION FUNCTION CODE QUALIFIER	Code identifying the function of a location. Z19 (= connection point)
C517:3225	M	an..35	Location identification	To identify a location. Use relevant code from one of the restricted code lists below
C517:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. NOT USED
C517:3055	M	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. See restricted code list below
C517:3224	N	an..256	Location name	Name of the location. NOT USED
C519:3223	N	an..35	First related location identifier	To identify a first related location. NOT USED
C519:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. Not used NOT USED
C519:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED
C519:3222	N	an..70	First related location name	Name of first related location. NOT USED
C553:3233	N	an..35	Second related location identifier	To identify a second related location. NOT USED
C553:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. Not used NOT USED
C553:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED
C553:3232	N	an..70	Second related location name	Name of the second related location. NOT USED
5479	N	an..3	RELATION CODE	Code specifying a relation. NOT USED
Remarks				
Example	LOC+Z19+DESS::321'			

Restricted code list for LOC-C517:3055	
9	GS1
305	Assigned by ETSO (EIC)
321	Assigned by Edig@s
ZSO	Assigned by System Operator

DTM-M	DATE/TIME/PERIOD - To specify date, and/or time, or period. Identifies the date/time/period for the preceding quantity			
C507:2005	M	an..3	Date or time or period function code qualifier	Code qualifying the function of a date, time or period. 2 (=Delivery date/time requested)
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. Period 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. 719 (=CCYMMDDHHMMCCYMMDDHHMM)
Remarks	DTM can be repeated only 1 time per LOC in segment group 38.			
Example	DTM+2:200309150400200309160400:719'			

SG39 – M	QTY-ST5
Remarks	<p>The mandatory segment group 39 may be repeated up to 99 times as required to cover the requirements for indicating the quantities and their status information per connection point. The segment group consists of:</p> <ul style="list-style-type: none"> ➤ QTY to provide the quantity for a given connection point. There is at least one quantity per connection point – (mandatory). It may also be used to provide the decomposition values for different contract types in the case where C289 of LIN is used. ➤ STS to provide any status information for the quantity in question – (conditional)

QTY -M	QUANTITY – To specify a pertinent quantity.			
C186:6063	M	an..3	Quantity type code qualifier	Code qualifying the type of quantity. <i>See restricted qualifier code list below</i>
C186:6060	M	an..35	Quantity	Alphanumeric representation of a quantity. <i>Actual quantity</i>
C186:6411	M	an..8	Measurement unit code	Code specifying the unit of measurement. <i>See recommended qualifier code list below</i>
Remarks	There is only one QTY per LOC in segment group 38.			
Example	QTY+Z03:6782:KW1'			

Restricted qualifier code list for QTY-C186:6063	
Z02	Input quantity
Z03	Output quantity
<i>In the case of quantity decomposition only</i>	
Xn1	Firm
Xn2	Makeup
Xn3	Interruptable

Recommended qualifier code list for QTY-C186:6411	
KW1	Kilowatt-hour per hour (kWh/h)
KW2	Kilowatt-hour per day (kWh/d)
HM1	Million cubic meters per hour
HM2	Million cubic meters per day
TQH	Thousand cubic meters per hour
TQD	Thousand cubic meters per day
MQ5	Normal cubic meters
P1	Percentage (55G only)

STS-C		Status – To specify the status of an object or service, including its category and the reason(s) for the status.		
C601:9015	M	an..3	Status category code	Code specifying the category of a status. 08G (=Status category)
C601:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. NOT USED
C601:3055	M	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. 321 (=Edig@s)
C555:4405	M	an..3	Status description code	Code specifying a status. <i>See restricted code list below</i>
C555:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. NOT USED
C555:3055	M	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. 321 (=Edig@s)
C555:4404	N	an..35	Status description	Free form description of a status. NOT USED
C556:9013	N	an..3	Status reason description code	Code specifying the reason for a status. NOT USED
C556:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. NOT USED
C556:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED
C556:9012	N	an..256	Status reason description	Free form description of the status reason. NOT USED
C556:9013	N	an..3	Status reason description code	Code specifying the reason for a status. NOT USED
C556:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. NOT USED
C556:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED
C556:9012	N	an..256	Status reason description	Free form description of the status reason. NOT USED
C556:9013	N	an..3	Status reason description code	Code specifying the reason for a status. NOT USED
C556:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. NOT USED
C556:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED
C556:9012	N	an..256	Status reason description	Free form description of the status reason. NOT USED
C556:9013	N	an..3	Status reason description code	Code specifying the reason for a status. NOT USED
C556:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. NOT USED
C556:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED
C556:9012	N	an..256	Status reason description	Free form description of the status reason. NOT USED
C556:9013	N	an..3	Status reason description code	Code specifying the reason for a status. NOT USED
C556:1131	N	an..17	Code list identification code	Code identifying a user or association maintained code list. NOT USED
C556:3055	N	an..3	Code list responsible agency code	Code specifying the agency responsible for a code list. NOT USED
C556:9012	N	an..256	Status reason description	Free form description of the status reason. NOT USED
Remarks				
Example STS+08G::321+30G::321'				

Restricted qualifier code list for STS-C555:4405

30G	Interruptible Priority 1
31G	Interruptible Priority 2

SG41 – M	NAD
Remarks	<p>The mandatory segment group 41 consists only of NAD.</p> <p>The segment group can be repeated up to a maximum of 2 times per LIN in segment group 29 to identify a party that is specific for the data contained in this LIN-loop.</p> <p>If different parties are related to different connection points, quantities, dates, contracts, etc. then a new segment group 29 must be created for each new combination.</p>

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 a party specifically related to this Lin-loop					
3035	M	an..3	PARTY FUNCTION CODE QUALIFIER	Code giving specific meaning to a party. <i>See restricted qualifier code list below</i>	
C082:3039	M	an..35	Party identifier	Code specifying the identity of a party. <i>Identification of the Shipper or ultimate customer.</i>	
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. <i>See restricted code list below</i>	
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					
Example	NAD+ZSH+SHIPPER02::ZSO'				

Restricted qualifier code list for NAD-3035	
UD	Ultimate Customer
ZES	External Shipper
ZSH	Internal Shipper

Restricted code list for NAD-C082:3055	
9	GS1
ZSO	Assigned by System Operator
305	Assigned by ETSO (EIC)
321	Assigned by Edig@s

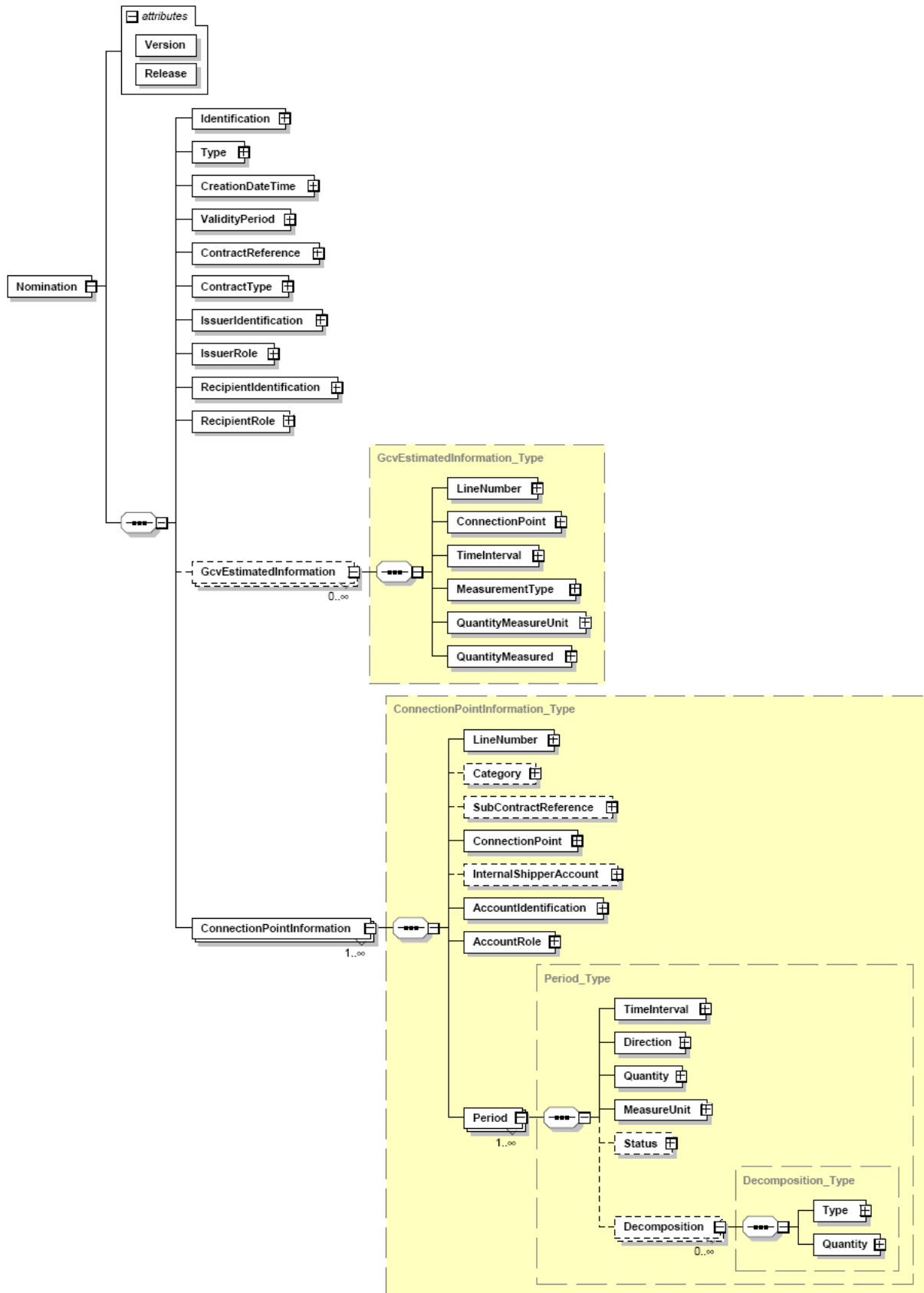
UNS - M		SECTION CONTROL – To separate header, detail and summary sections of a message. Separates the Detail and the Summary sections		
0081	M	a1	Section identification	Separates sections in a message. S (=Detail/Summary section separation)
Remarks	<i>There is one mandatory occurrence of UNS at the end of the header or detail section in the message. There is one mandatory occurrence of UNS at the end of the detail section in the message. The following segments can only contain summary information and may not carry new information</i>			
Example	UNS+S'			

SUMMARY SECTION

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. <i>Total number of segments in message (including UNH & UNT)</i>
0062	M	an..14	MESSAGE REFERENCE NUMBER	Unique message reference assigned by the sender. <i>Must be identical to UNH-0062</i>
Remarks	<i>There is one mandatory occurrence of UNT at the end of the message.</i>			
Example	UNT+175+1'			

4 XML IMPLEMENTATION OF NOMINT

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: "4". 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="1.0">
  <xsd:import namespace="core-cmpts.xsd" schemaLocation="../../cclib/core-cmpts.xsd"/>
  <!--
      EDIGAS Document Automatically generated from a UML class diagram using XML.
      Generation tool version 1.7
  -->
  <xsd:element name="Nomination">
    <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="ValidityPeriod" type="ecc:TimeIntervalType">
          <xsd:annotation>
            <xsd:documentation/>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="ContractReference" type="ecc:IdentificationType">
          <xsd:annotation>
            <xsd:documentation/>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="ContractType" type="ecc:ReferenceType">
          <xsd:annotation>
            <xsd:documentation/>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="IssuerIdentification" type="ecc:PartyType">
          <xsd:annotation>
            <xsd:documentation/>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="IssuerRole" type="ecc:RoleType">
          <xsd:annotation>
            <xsd:documentation/>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="RecipientIdentification" type="ecc:PartyType">
          <xsd:annotation>
            <xsd:documentation/>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="RecipientRole" type="ecc:RoleType">
          <xsd:annotation>
            <xsd:documentation/>
          </xsd:annotation>
        </xsd:element>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
</xsd:schema>
```

```

        <xsd:element name="GcvEstimatedInformation" type="GcvEstimatedInformation_Type"
minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element name="ConnectionPointInformation" type="ConnectionPointInformation_Type"
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="GcvEstimatedInformation_Type">
    <xsd:annotation>
        <xsd:documentation/>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="LineNumber" type="ecc:PositionType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="ConnectionPoint" type="ecc:MeasurementPointType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="MeasurementType" type="ecc:MeasureDimensionType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="QuantityMeasureUnit" type="ecc:UnitOfMeasureType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="QuantityMeasured" type="ecc:QuantityType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="Period_Type">
    <xsd:annotation>
        <xsd:documentation/>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="Direction" type="ecc:QuantityTypeType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="Quantity" type="ecc:QuantityType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="MeasureUnit" type="ecc:UnitOfMeasureType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="Status" type="Status_Type" minOccurs="0"/>
        <xsd:element name="Decomposition" type="Decomposition_Type" minOccurs="0"
maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="ConnectionPointInformation_Type">
    <xsd:annotation>

```

```

        <xsd:documentation/>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="LineNumber" type="ecc:PositionType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="Category" type="ecc:CategoryType" minOccurs="0">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="SubContractReference" type="ecc:IdentificationType" minOccurs="0">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="ConnectionPoint" type="ecc:MeasurementPointType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="InternalShipperAccount" type="ecc:PartyType" minOccurs="0">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="AccountIdentification" type="ecc:PartyType">
            <xsd:annotation>
                <xsd:documentation>This can either a receiver or emitter of the
nomination</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="AccountRole" type="ecc:RoleType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="Period" type="Period_Type" maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="Status_Type">
    <xsd:annotation>
        <xsd:documentation/>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="QuantityStatus" type="ecc:StatusType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="Decomposition_Type">
    <xsd:annotation>
        <xsd:documentation/>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="Type" type="ecc:QuantityTypeType">
            <xsd:annotation>
                <xsd:documentation/>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="Quantity" type="ecc:QuantityType">
            <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, representation of 4405, 3225, 6411 and 6314. Correction to the Status class to permit only one instance and to permit any priority codes defined in the code list to be used
4.0	3	2010-01-28	Correction of the attribute type of the MeasurementType in the GCV class
4.0	4	2010-08-28	To permit the identification of the types of contract that the nominated quantities refer to.