D1.4 CS OTE External Interface

Section D1.4.2G XML Message Formats - Gas

Specification for gas market

Project No.: 420/ECF0867

Document No.: D1.4.2G

Doc. version: 1.59

Date of issue: 6.12.2019

CONTENT

[1. INTRODUCTION 38](#_Toc467748084)

[1.1. Data flows 39](#_Toc467748085)

[1.1.1. Parties to the communication 39](#_Toc467748086)

[1.1.2. Method of data provision 39](#_Toc467748087)

[1.1.3. Formats of automatic communication 40](#_Toc467748088)

[1.1.4. Security 42](#_Toc467748089)

[2. PRINCIPLES OF COMMUNICATION 43](#_Toc467748090)

[3. GENERAL PRINCIPLES OF USING MESSAGES 45](#_Toc467748091)

[4. OVERVIEW OF MESSAGES 48](#_Toc467748092)

[5. Description of the format according to OTE specification 79](#_Toc467748093)

[5.1. CDSGASCLAIM 80](#_Toc467748094)

[5.2. CDSGASINVOICE 83](#_Toc467748095)

[5.3. CDSGASPOF 89](#_Toc467748096)

[5.4. CDSGASREQ 103](#_Toc467748097)

[5.5. CDSEDIGASREQ 106](#_Toc467748098)

[5.6. COMMONGASREQ 111](#_Toc467748099)

[5.1. COMMONMARKETREQ 113](#_Toc467748100)

[5.2. CDSGASMASTERDATA 115](#_Toc467748101)

[5.3. GASRESPONSE 122](#_Toc467748102)

[5.4. CDSGASTEMPERATURE 130](#_Toc467748103)

[5.5. ISOTEDATA 133](#_Toc467748104)

[5.6. ISOTEMASTERDATA 135](#_Toc467748105)

[5.7. ISOTEREQ 136](#_Toc467748106)

[5.8. RESPONSE 137](#_Toc467748107)

[5.9. SFVOTGASBILLING 138](#_Toc467748108)

[5.10. SFVOTGASBILLINGSUM 140](#_Toc467748109)

[5.11. SFVOTGASCLAIM 141](#_Toc467748110)

[5.12. SFVOTGASCLAIMSUM 142](#_Toc467748111)

[5.13. SFVOTGASEXCHRATE 143](#_Toc467748112)

[5.14. SFVOTGASIMGNETT 143](#_Toc467748113)

[5.15. SFVOTGASTDD 144](#_Toc467748114)

[5.16. SFVOTGASTDDNETT 145](#_Toc467748115)

[5.17. SFVOTLIMITS 146](#_Toc467748116)

[5.18. SFVOTGASREQ 147](#_Toc467748117)

[5.19. SFVOTREQ 149](#_Toc467748118)

[5.20. Global XSD templates 150](#_Toc467748119)

[5.21. Communication scenarios 151](#_Toc467748120)

[5.21.1. Entering claims 151](#_Toc467748121)

[5.21.2. Registration of PDT 153](#_Toc467748122)

[5.21.3. Change of supplier 155](#_Toc467748123)

[5.21.4. Change of balance responsible party at a PDT 167](#_Toc467748124)

[5.21.5. Observer assignment at the PDT 169](#_Toc467748125)

[5.21.6. Imbalance responsibility transfer 169](#_Toc467748126)

[6. Formats according to EDIGAS specification 172](#_Toc467748127)

[6.1. Metering and allocations 174](#_Toc467748128)

[6.2. Nominations 189](#_Toc467748129)

[6.3. Imbalances 211](#_Toc467748130)

[6.4. Balance actions 218](#_Toc467748131)

##### list of diagrams

[Fig. 1 – Basic principle of exchange of messages (target state) 30](#_Toc299089934)

[Fig. 2 – Sending a claim 102](#_Toc299089935)

[Fig. 3 – Request for claim 103](#_Toc299089936)

[Fig. 4 – OTE information sending 103](#_Toc299089937)

[Fig. 5 – Request for OTE information 103](#_Toc299089938)

[Fig. 6 – Registration of PDT 105](#_Toc299089939)

[Fig. 7 – Change of PDT data 105](#_Toc299089940)

[Fig. 8 – Request for PDT data 106](#_Toc299089941)

[Fig. 9 – Standard change of supplier 110](#_Toc299089942)

[Fig. 10 – Quick change of supplier 115](#_Toc299089943)

[Obr. 10 –Supply extension / reduction 116](#_Toc299089944)

[Fig. 11 – Sending of a statement of change of supplier 117](#_Toc299089945)

[Fig. 12 – Change of balance responsible party by the existing BRP 118](#_Toc299089946)

[Fig. 13 – Change of balance responsible party by the existing supplier 119](#_Toc299089947)

[Fig. 14 – Change of balance responsible party by the existing supplier 121](#_Toc299089948)

##### Abreviations used

| *Abrev.* | *Explanation* |
| --- | --- |
| **BRP** | Balance Responsible Party |
| **CDS** | Centrum of data services |
| **DSO** | Distribution system operator |
| **CHMI** | Czech hydrometeorological institute |
| **EIC** | ETSO coding system |
| **ID** | Identifier |
| **IS OTE** | OTE information system |
| **ISO** | International standartisation organisation |
| **IS-U** | Branch SAP solution for utilities |
| **IT** | Information technology |
| **LP** | Load profiles |
| **MSG** | Message |
| **PDT** | Point of delivery / Transfer |
| **PEG** | Producer´s extractive gas-line |
| **PKI** | Public Key Infrastructure |
| **POF** | Data for grid usage invoicing |
| **RMP** | Registered market participant |
| **OTE** | OTE a.s. (Czech energy market operator) |
| **TSO** | Transmission system operator |
| **SAP** | Systems Applications and Products in Data Processing |
| **SBRP** | Super Balanace Responsible Party |
| **SP** | Service provider |
| **SSO** | Storage system operator |
| **WAS** | Web Application Server |
| **XML** | Extensible markup language |
| **XSD** | XML document scheme |

##### REVISION HISTORY

| *Date* | *Subject* | *Revision* |
| --- | --- | --- |
| 30.9.2009 | First draft of the document finalised | V1.0 |
| 13.10.2009 | Chap. 5.8.2 Registration of PDT – change of SLR Disabled attribute to optional | V.1.1 |
| 13.10.2009 | Chap. 5.8.2 Registration of PDT – change of SLR Active attribute to SLR-ACTIVE | V.1.1 |
| 14.10.2009 | Chap. 6.2 Nomination – NOMRES message amended (RECIPIENT ROLE field) as well as the communication scenario for sending OS/OT nominations of VO subtype (sum of nominations to settle preliminary and actual imbalance for all BRP) to TSO | V.1.1 |
| 14.10.2009 | Chap. 6.3 Imbalances – IMBNOT message amended (SUBCOTRACT REFERENCE and RECIPIENT ROLE fields) as well as the communication scenario for sending summary imbalance for all BRP to TSO | V.1.1 |
| 15.10.2009 | Chap. 6.3 Imbalances – IMBNOT message amended (TYPE field) for the purpose of sending final (i.e. corrective) actual imbalances | V.1.1 |
| 20.10.2009 | Chap. 3 – General principles of using messages – time formats corrected with regard to definition of gas day. Definition of numerical formats for Edigas messages amended. | V1.1 |
| 20.10.2009 | Definition of CDSGASPOF message data types and filling of the individual items reviewed. The changes do not affect the structure, only the format of allowed values. | V1.1 |
| 20.10.2009 | Definition of CDSGASMATERDATA message – the following optional attributes were added to the *OPM* element:  *est-cons-2* – estimate of annual consumption (in m3)  *dpi-disable* – SLR disabled  *dpi-active* – SLR mode active/inactive  *alloc-sch-entry* – input allocation rule  *alloc-sch-exit* – output allocation rule | V1.1 |
| 20.10.2009 | Definition of GASMASTERDATA message - *Activity* element changed from optional to required. The element may be repeated as of now. *Date-time* attribute change from required to optional. | V1.1 |
| 20.10.2009 | Definition of CDSGASMASTERDATA message – description changed for the action GAT – Statement from the journal of change of supplier (restriction for attribute *type* el. *Activity*) | V1.1 |
| 20.10.2009 | EDIGAS formats - standard XSD templates according to the EDIGAS standard were modified for the purposes of OTEP, including amendment of namsapces. The changes do not affect the structure (except the earlier ones), only on the optional/required parameter of the individual fields in the form of separate code lists. | V1.1 |
| 20.10.2009 | The code list CLCLCDS024 - Product was amended with the following items:  QC10 – Change of accumulation (in m3)  QS10 – Planned estimate of annual consumption in m3 | V1.1 |
| 20.10.2009 | The code list CLCDS012 – Metering unit was changed to:  MWZ (MWh/d) substituted by KWH (kWh)  MTQ (m3) substituted by MQ5 (nm3)  Z99 - Not specified (to be used for coefficients) | V1.1 |
| 20.10.2009 | the code list CLCLCDS025 – Type of imbalance was amended with the following items:  PSUM – Sum of preliminary imbalances for all BRP  DSUM - Sum of actual imbalances for all BRP | V1.1 |
| 22.10.2009 | The code list CLCDS013 – Value status – the value 02G deleted | V1.1 |
| 22.10.2009 | The code list CLCDS014 – Status type – the values 15G, 16G, 17G, 18G, 19G, 21G deleted | V1.1 |
| 22.10.2009 | Definition of GASMASTEDATA – attributes *alloc-sch-entry* and *allloc-sch-entry* amended with restriction of relevant values (according to the code list CLCDS014):  04G - Pro rata  05G - SBA Shipper balancing agreement  06G - OBA Operational balancing agreement |  |
| 22.10.2009 | Definition of SHPCDS - attribute *Type* added for identification of document type. The code list CLCDS001 was amended with the item SHP (Shipper codes). | V1.1 |
| 23.10.2009 | Chap. 6 Formats according to EDIGAS specification – time format modified (now: locally valid time with off-set from UTC) | V.1.1 |
| 23.10.2009 | Chap. 6 Formats according to EDIGAS specification – use of metering units (KWh and other units) and numbers of decimal places modified | V.1.1 |
| 23.10.2009 | Chap. 6 Formats according to EDIGAS specification – GASDAT message – the volume currently includes a sign | V.1.1 |
| 23.10.2009 | Chap. 6 Formats according to EDIGAS specification – APERAK message – rules of using APERAK message in communication with OTE modified | V.1.1 |
| 23.10.2009 | Chap. 6 Formats according to EDIGAS specification – SHPCDS message – TYPE field added and method of using message modified | V.1.1 |
| 23.10.2009 | Chap. 6 Formats according to EDIGAS specification – Communication scenarios of OS/OT nominations modified so that they currently include the agreed flows between OTE and TSO for FK and VO nomination subtypes. | V.1.1 |
| 23.10.2009 | Chap. 6 Formats according to EDIGAS specification – NOMRES message – codes 19G (amended) and 07G (originally incorrectly specified as 01G) in TYPE field corrected | V.1.1 |
| 23.10.2009 | The code list CLCDS024 - Product – aggregated data products added:   |  |  | | --- | --- | | ASA1 | Aggregated actual value of supply, metering A, production | | ASA2 | Aggregated actual value of consumption, metering A, consumption | | ASB1 | Aggregated actual value of supply, metering B, production | | ASB2 | Aggregated actual value of consumption, metering B, consumption | | ASC2 | Aggregated actual value of consumption, metering C, consumption | | ASD2 | Aggregated actual value of consumption, metering CM, consumption | | ASA4 | Aggregated actual value of consumption, metering A, consumption | | ASB4 | Aggregated actual value of consumption, metering B, consumption | | ASC4 | Aggregated actual value of consumption, metering C, consumption | | ASD4 | Aggregated actual value of consumption, metering CM, consumption | | A3A1 | Aggregated actual value of supply, metering A, points of transfer | | A3B1 | Aggregated actual value of supply, metering B, points of transfer | | A3A2 | Aggregated actual value of consumption, metering A, points of transfer | | A3B2 | Aggregated actual value of consumption, metering B, points of transfer | | A81 | Aggregated values consumption - per BRP | | A82 | Aggregated values production - per BRP | | V1.1 |
| 23.10.2009 | Chap. 6 Formats according to EDIGAS specification – NOMRES message – filling of TYPE field changed. | V1.1 |
| 23.10.2009 | Chap. 6 Formats according to EDIGAS specification – IMBNOT message – filling of TYPE field changed. | V1.1 |
| 19.11.2009 | A new format of COMMONGASREQ introduced for administration of RMP – CDS communication. A separate chapter is dedicated to the format. | V1.2 |
| 19.11.2009 | Definition of CDSGASREQ message – the *Location* element amended with the following optional attributes:  *anlart* – PDT type  *typm* – metering type  *grid-id* – grid | V1.2 |
| 19.11.2009 | Definition of CDSGASMATERDATA message – restriction of the *role* attribute of the *Party* element was amended with the following identifiers:  *117* – LP administrator  *118* – Weather data provider  *201* – New supplier (note: 101 – Old supplier)  *211* – Old balance responsible party (note: 111 – Old supplier)  The following identifiers were removed: 121, 122, 123, 124, 125 (observer). | V1.2 |
| 19.11.2009 | Definition of CDSGASMATERDATA message – restriction of the *type* attribute of the *Activity* element was amended with the following identifiers:  *SCR* – request for change of supplier | V1.2 |
| 19.11.2009 | Definition of CDSGASMASTERDATA message – the element *OPM* was amended with the following optional attributes:  *sopm* - EIC of neighbouring PDT  *sum-opm* - EIC of summary PDT | V1.2 |
| 19.11.2009 | Definition of CDSGASPOF message – the element *head (invoice->head)* was amended with the optional *pofId* attribute. | V1.2 |
| 19.11.2009 | Definition of CDSEDIGASREQ message – restriction of the *message-code* attribute of the *CDSEDIGASREQ* root element was amended with the following identifiers:  *GL2* – Inquiry about data of reserved capacity  *GML* – Inquiry about aggregated values for BRP  *GMN* - Inquiry about data for BRP broken down to A, B, C, CM  *GMP* – Inquiry about summary data for BRP broken down to A, B, C, CM  *GMR* – Inquiry about summary values for BRP and grid broken down to A, B, C, CM  *GT9* – Inquiry about estimated consumption diagram of a PDT group (C, CM) | V1.2 |
| 19.11.2009 | Definition of GASRESPONSE message – restriction of the *message-code* attribute of the *GASRESPONSE* root element was amended with the following identifiers:  *GL4* - Confirmation / Error in inquiry about the data of the reserved capacity  *GMM* - Confirmation / Error in inquiry about the aggregated values for BRP  *GMO* - Confirmation / Error in inquiry about the data for DS broken down to A, B, C, CM  *GMQ* - Confirmation / Error in inquiry about the summary values for BRP broken down to A, B, C, CM  *GMS* - Confirmation / Error in inquiry about the summary values for BRP and network broken down to A, B, C, CM  *GTA* - Confirmation / Error in inquiry about the estimated consumption diagram of a PDT group (C, CM)  *GX2* – Error/confirmation of sending a request for provision of output data  *GX4* – Confirmation within control of server-server connection and sending of unsent messages | V1.2 |
| 19.11.2009 | Chap. 6 Formats according to EDIGAS specification – time interval format modified. The global data type TimeInterval according to the standard was adopted in the global data types of CDS (cdscc). Unlike in the standard, the interval values are entered including off-sets (e.g. +01:00).  This component was replaced in all messages and on all locations of CDS Edigas. | V1.2 |
| 19.11.2009 | Gasdat message – data type of the *Role* (*RelevantParty->Role*) element changed from cdscc:PartyType to cdscc:RoleType. | V1.2 |
| 19.11.2009 | The code list CLCDS003 – Role of entity – SU (Supplier) value added | V1.2 |
| 19.11.2009 | The code list CLCDS021 – Nomination status - values 15G (Processed by adjacent System Operator) and 18G (Nominated by counter party) added | V1.2 |
| 19.11.2009 | The code list CLCDS022 – Allocation type - value Z05 (Forecast) added | V1.2 |
| 19.11.2009 | The code list CLCDS024 - Product – products were revised. The following changes were made:  Descriptions of aggregated products were changed.  LP diagram products and temperatures correction coefficients were removed for all areas except 9 (Czech Rep) and products A50  Products added:  TA9 – Actual weather conditions (temperatures) – actual  TAB - Actual weather conditions (temperatures) – normal  DNxy, DKxy – Normal and recalculated values of LP diagrams for TO x and class TDD y  J42 – Calculated residual profile of DS - consumption  J50 – Behaviour diagram of correction coefficient for residual balance of DS | V1.2 |
| 19.11.2009 | The code list CLCDS051 – Message acceptance status - value 37 (Accepted with amendment) added | V1.2 |
| 2.12.2009 | CDSGASCLAIM – addition of type specification for the element claim-text – xsd:string | V1.3 |
| 2.12.2009 | CDSGASCLAIM – review of the claim-type code list  ADM1             Contractual relationships  CDS1              Metering  CDS2              Registration of PDT  CDS3              Change of supplier  CDS4              Acceptance of responsibility for imbalance  CDS5              Acceptance and processing of data  COM1             Automatic communication  COM2             Configuration of communication  FIN1               Invoicing (finance)  OTH1              Other  RMN1             Financial security  SET1              Settlement in general  SET2              Settlement of imbalances  TRA6              Nomination  TRA7    C          Registration of contracts with NT  TRA8    C          Day-ahead gas market  TRA9    C           Intra-day gas market | V1.3 |
| 2.12.2009 | Definition of the CDSGASPOF message – addition of the *MOSettlementUnitPrice* attribute to the element *InstrumentReading* as *required* and *DitributionSum* (sublement InstrumentReadingC) as *optional*. | V1.3 |
| 2.12.2009 | Definition of CDSGASPOF message – the following identifier was deleted from the restriction of the *msg-code* attribute of the *CDSGASPOF* root element:  *GP3*  - Data copy (to Supplier / BRP)  The data copy will be sent via the message with msg\_code GP6 as well as the data upon request. | V1.3 |
| 2.12.2009 | Definition of EDIGASREQ message – the element *Location* amended with the attribute *version* for specification of the required version of the data from the settlement viewpoint. If not filled, the currently valid data will be sent.  The attribute is *optional* and the following identifiers will be relevant:  00 - Data for daily settlement  10 - Data for monthly settlement  20 - Data for final monthly settlement  99 – Current version of data  Identical values are used in newly introduced code list for messages Edigas CLCDS026 – Data version. | V1.3 |
| 2.12.2009 | Definition of CDSEDIGASREQ message – restriction of the *message-code* attribute of the *CDSEDIGASREQ* root element was amended with the following identifiers:  *GIB* – Inquiry about corrective imbalances | V1.3 |
| 2.12.2009 | Definition of CDGASMASTERDATA message – the *Data* element amended with the attributes *rejection*-*reason* (Reason of rejection of a change of supplier) and *rzu*-*reason* (Reason of change of supplier by registration of data). Both attributes are *optional*.  The following identifiers shall be relevant for the attribute *rejection*-*reason*:  01 – Non-confirmation of reservation of distribution capacity by DSO/TSO  02 – Non-confirmation of acceptance of responsibility for imbalance by BRP  03 – PDT not registered for the period  04 – Suspended by the new supplier  05 – Suspended by the original supplier  06 – Negative verification of financial security of the new BRP  07 – Non-confirmation of continuation of gas supplies by the existing balance responsible party  08 – Non-confirmation of customer’s consent with change of supplier  09 – Request for change of supplier not sent  99 - Other  the following identifiers are allowed for the attribute *rzu*-*reason*:  01 – New connection  02 - Overwriting  03 – Unauthorised consumption/distribution (commencement)  04 – Unauthorised consumption/distribution (renewal) | V1.3 |
| 2.12.2009 | Definition of CDGASMASTERDATA message – the element *OPM* amended with the *optional* attribute *info*-*text* (information about changes at PDT). | V1.3 |
| 2.12.2009 | Definition of CDSGASMASTERDATA message – restriction of the attribute *message-code* of the *CDSGASMASTERDATA* root element was amended with the following identifiers:  *GR7* – Information about SLR activation  *GR8* – Information about PDT termination | V1.3 |
| 2.12.2009 | Definition of GASMASTERDATA message – restriction of the attributes *alloc-ch-entry* and *alloc-sch-exit* of the element *OPM* was amended with the following identifier:  *07G* - Pro-rata/SBA | V1.3 |
| 2.12.2009 | Format GASMASTERDATA, RESPONSE – correction of mismatched msg\_codes for the processes of change of supplier:  GAE – Confirmation of customer’s consent with change of supplier – CDSGASMASTERDATA format  GAF – Confirmation of acceptance/rejection of a message with confirmation of customer’s consent with the change of supplier – RESPONSE format  GAG – Copy of confirmation of the customer’s consent with the change of supplier – CDSGASMASTERDATA format | V1.3 |
| 2.12.2009 | Definition of GASRESPONSE message – restriction of the attribute *message-code* of the *GASRESPONSE* root element was amended with the following identifier:  *GIC* – Confirmation / Error in inquiry about corrective imbalances | V1.3 |
| 2.12.2009 | Chap. 6 Formats according to EDIGAS specification – NOMINT message – code 02G (sending of financially secured nomination from OTE to the operator) added to TYPE field | V1.3 |
| 2.12.2009 | Chap. 6 Formats according to EDIGAS specification – NOMRES message – filling of STATUS field changed (code lists amended and corrected). | V1.3 |
| 2.12.2009 | Chap. 6 Formats according to EDIGAS specification – NOMINT message – notes on using the NOMINT message amended | V1.3 |
| 2.12.2009 | Chap. 6 Formats according to EDIGAS specification – Nominations – Communication scheme – ending message (5a) added to the graphics – only a correction of an error in graphics | V1.3 |
| 2.12.2009 | the code list CLCDS001 – Document type – the following types of document were added for using in the Alocat message:  97G – for allocation in the data version for final monthly settlement  98G – for allocation in the current data version  The document type 16G for designation of an Ibmnot message with data of actual imbalance was deleted. The type of imbalance stated in the message shall be used for distinguishing. | V1.3 |
| 2.12.2009 | The code list CLCDS014 – Status category – amended with the 07G value for the allocation rule Pro-rata/SBA in an Alocat message. | V1.3 |
| 2.12.2009 | Edigas messages – code list CLCDS024 – Product – products for sending historical data amended:  QH11 – Metered volume – production (interval metering) – historical data  QH12 - Metered volume – consumption (interval metering) – historical data  AH11 – Energy produced (interval metering) – historical data  AH12 – Energy consumed (interval metering) – historical data  The name of the product used for designation of the temperature correction coefficient was changed to:  JKxy – Temperature correction coefficient for TO x, LP y | V1.3 |
| 2.12.2009 | The code list CLCDS024 – Product – amendment of products for diagrams of correction re-calculation to actual temperature for LP  JKxy – Coefficient of re-calculation to actual temperature LP for thermal area (TO) x and class LP y. Only thermal area 9=Czech Rep is currently used. | V1.3 |
| 2.12.2009 | Edigas message – Revision of the code list CLCDS025 – Imbalance type was done. The list was amended with the following types of imbalances:  DDOS – Actual difference in allocations and nominations at a Virtual UGS on output  DDOT - Actual difference in allocations and nominations at BDS, CGd on output  PDOS – Preliminary difference in allocations and nominations at Virtual UGS on output  PDOT – Preliminary difference in allocations and nominations at NDS, CGD on output  EIMB – Final actual total imbalance of BRP  EINP – Final actual input imbalance  EINP – Final actual output imbalance of BRP  EOTI – Final off-tolerance imbalance of BRP after inclusion of trading with unused tolerance  The following were removed from the code list:  PSUM – Sum of preliminary imbalances for BRP  DSUM – Sum of actual imbalances for BRP | V1.3 |
| 2.12.2009 | A new code list CLCDS026 – Data version was introduced. It will be used in a Gasdat output message (element *Version*, attribute *v*) to determine the data version in relation to the individual phases of aggregation. As regards input messages, data versions may be sent without limitation. | V1.3 |
| 2.12.2009 | The code list CLCDS051 – Response code – the values from the standard code list Edigas CL9321 were added to the existing values. | V1.3 |
| 2.12.2009 | Specification of access to provision of versions of metered data – see chapter 6.1. | V1.3 |
| 15.12.2009 | CDSGASMASTERDATA definition – restriction of the attribute *anlart* of the *OPM* element was expanded with the following identifier:  *1007* – Vitual PDT for BRP and network  Change was applied at CDSGASREQ as well. | V1.4 |
| 15.12.2009 | CDSGASMASTERDATA definition - restriction of the *rejection-reason* attribute of the *Data* element was expanded with following identifiers:  *51*  - Ditribution capacity reservation was not confirmed by DSO/TSO + supply is not procured  *52*  - Imbalance resposibility overtake was not confirmed by BRP + supply is not procured *54*  - Suspended by new supplier + supply is not procured | V1.4 |
| 15.12.2009 | CDSEDIGASREQ definition - new atribute *anlart* (PDT type) with use *optional* was addeed into the *Location* element. | V1.4 |
| 15.12.2009 | GASRESPONSE definition - restriction of the *messge-code* attribute was expanded with following identifiers:  *GX5* - Syntax error in incoming message - error on communication channel level (from message receiver to CDS)  *GX6* - Syntax error in incoming message - error on communication channel level (from CDS to message sender) | V1.4 |
| 15.12.2009 | Edigas message - the pattern was changed at data type cdscc:TimeIntreval. Sending data valid until 9999 is enabled. | V1.4 |
| 21.12.2009 | Edigas message - data type VersionType was adopted to the core components specified by OTE (core-cmpts-cds). Specification od „00“ version is enabled (nomenclature for data version used for daily settlement). | V1.5 |
| 28.12.2009 | CDSGASMASTERDATA definition - the use of the *typm* attribute of the *OPM* element was changed form *required* to *optional*. Meterig type is not specified for virtual PDTs. | V1.6 |
| 28.12.2009 | CDSGASCLAIM definition - data type of atributes processor and submitter was changed from ote:ean13 to ote:mp\_id. RMP can use EAN or EIC. | V1.6 |
| 20.1.2010 | CDSGASMASTERDATA definition - the use of the *contract-type* attribute of the *Data* element was changed from required to optional. | V1.7 |
| 20.1.2010 | CDSGASMASTERDATA definition – restriction of the attribute *anlart* of the *OPM* element was expanded with the following identifier:  *1099* – Vitual PDT for LP (coeficients)  Change was applied at CDSGASREQ as well. | V1.7 |
| 20.1.2010 | CDSGASCLAIM definition - data type was changed at *Action* element from undefined to xsd:string. Any claim text is possible to write straight to the element. | V1.7 |
| 20.1.2010 | CDSGASCLAIM definition - data type at the *submitter* attribute was changed from ote:mp\_id na xs:string. Using of various signs to identify the submitter is enabled. | V1.7 |
| 20.1.2010 | CDSGASREQ definition - new *tdd-class* attribute was added to *Location* element with use optional. Value thus specified serve for specification of LP class. | V1.7 |
| 20.1.2010 | CDSGASREQ - the use of the *anlart* attribute of the *Location* element was changed from requiered to optional. | V1.7 |
| 20.1.2010 | CDSEDIGASREQ definition - restriction of the *messge-code* attribute was expanded with following identifiers:  *GML* - Request for aggregated vaules per BRP | V1.7 |
| 20.1.2010 | Edigas messages – code list CLCDS024 – Product – missing products were added:  ASE1 - Allocation entry  ASE2 - Allocation exit  ASC1 - Aggregated values, supplier, metering type C, generation  A81 - Aggregated values - generation (per BRP)  A82 - Aggregated values - consumption (per BRP) | V1.7 |
| 5.2.2010 | Chap. 5.1 - 5.8 OTE schema. Graphical description of shchemas was replaced by field filling guidlines. | V1.7 |
| 18.2.2010 | CDSGASREQ definition - new attribute *pof-id* with use *optional* was added to the *Location* element. Value serves for straight aimed POF request. | V1.8 |
| 18.2.2010 | CDSGASREQ definition - new attribute *version* with use *optional* was added to the *Location* element. Value serves to specify request version of POF document. | V1.8 |
| 18.2.2010 | Definice zprávy CDSGASPOF - permitted format of value was changed at the *priceTotal* and *priceTotalD*ph attributes of the *head* element. It is possible to fill negative values. | V1.8 |
| 18.2.2010 | CDSGASMASTERDATA definition - permitted format of value was changed at the *est-cons*, *est-cons-2* and *resrv-cap* of the *OPM* element. It is possible to fill integer number only. Values shall be of a non-negative form. | V1.8 |
| 18.2.2010 | CDSGASCLAIM definition - a typing error was corrected at the *obj-type* attribute of the *Claim-reference* element. Enumeration valeue BM\_SEAN\_DT shall be used for identify a Daily market seance. | V1.8 |
| 18.2.2010 | Edigas messages – code list CLCDS024 – Product – product CT20 for sending actual metered values of combustible heat was amended. | V1.8 |
| 25.4.2010 | CDSGASMASTERDATA definition – max. lenght of the *info-text* atribute of the *OPM* element was changed to 512 characters. | V1.9 |
| 25.4.2010 | CDSGASREQ definition - new attribute *import-date-time- from* and *import-date-time- to* with use *optional* were added to the *Location* element. Value serve as a supplemetary criterium for POF request (import date and time of original data message). | V1.9 |
| 25.4.2010 | New message formats were introduced for SFVOT module (system for imbalance financial settlement). These are SFVOTGASBILLING, SFVOTGASBILLINGSUM, SFVOTGASCLAIM, SFVOTGASCLAIMSUM, SFVOTGASTDD, SFVOTGASREQ. New chapters are sacrified to the formats. | V1.9 |
| 26.4.2010 | Edigas messages – all mesaage formats, except Nomint and Aperak, were extended by *OriginalMessageIdentification* with *v* attribute. The element is only Output one and serve to refer original message (i.e. used for requests). | V1.9 |
| 14.5.2010 | Byly zavedeny nové formáty zpráv pro modul IS OTE (oblast VDP a DTP). Jedná se o zprávy ISOTEDATA, ISOTEMASTERDATA, ISOTEREQ a RESPONSE. Novým formátům jsou věnovány zvláštní kapitoly; detailní popis je obsažen v dok. D1.4.4 – Rozharní automatické komunikace IS OTE. | V1.10 |
| 10.5.2010 | New communication scenario was introduced for imbalance responsibility transfer. Detailed description is to be found in a separete chapter. For enable AC support, following changes were made im the format definitions:  CDSGASMASTERDATA definition:  - the use of *Action* and *Activity* elements was changed from required to *optional*  - the use of *opm-id* and *chs-type* attributes (el. *Data* el.) was changed from *required* to *optional*  - the enumeration of the *role* attribute (*Party* el.) was expanded by:  DST – BRP at the default position  SST – BRP at the secondary position  TMP – RMP trasfrering the imbalance responsibility  DSF – present BRP at the defaltu position  - the enumeration of the *msg-code* attribute was expanded by:  GB1 - Request for registration of imbalance responsibility transfer  GB3 - Information about registration of imbalance responsibility transfer  GB4 - Approbation / Refusal of imbalance responsibility transfer  GB8 - Information about imbalance responsibility transfer (on the request)  CDSGASRESPONSE definition:  - the enumeration of the *msg-code* attribute was expanded by:  GB2 - Confirmation of / Error in request for registration of imbalance responsibility transfer receiving  GB5 - Confirmation of / Error in approbation / refusal of imbalance responsibility transfer receivnig  GB7 - Confirmation of / Error in request for imbalance responsibility transfer receiving  CDSGASREQ definition:  - the enumeration of the *msg-code* attribute was expanded by:  GB6 - Request for imbalance responsibility transfer | V1.10 |
| 14.5.2010 | CDSGASMASTERDATA definition - following attributes were added to *OPM* element; all with use *optional*:  *ps-dod* – supplier  *ps-sz* – balance responsible party  *ps-poz-1* – guardian at the 1st position  *ps-poz-2* – guardian at the 2nd position  *ps-poz-3* – guardian at the 3rd position  *ps-poz-4* – guardian at the 4th position  *ps-poz-5* – guardian at the 5th position  Attributes serve to give an information about service providers, who is providing the service to the PDT. | V1.10 |
| 14.5.2010 | CDSGASREQ definition following attributes were added to *OPM* element; all with use *optional*:  *ps-dod* – supplier  *ps-sz* – balance responsible party  *ps-poz*  – guardian at any position  Attributes serve to specify further criterion in request for PDT master data. The access right concept remains untouched. | V1.10 |
| 14.5.2010 | CDSEDIGASREQ definition - the enumeration of the *msg-code* attribute was expanded by:  GMT - Request for C metering day values  GTB - Request for clearing results for PDT | V1.10 |
| 14.5.2010 | GASRESPONSE definition - the enumeration of the *msg-code* attribute was expanded by:  GMU - Confirmation of / Error in request C metering day values  GTC - Confirmation of / Error in request for clearing results for PDT | V1.10 |
| 14.5.2010 | SFVOTGASTDD definition - below stated elements were added to the structutre. Both are with use required.  Period - enable to specify the period    Summary - enable to give summary information about message data | V1.10 |
| 14.5.2010 | Edigas message formats - codelist CLCDS013 – Value status - following items were added:  14G - No counter nomination  91G - Reduced due to imbalance check  92G - Reduced due to emergency  93G - Invalid shipper code | V1.10 |
| 14.5.2010 | Edigas message formats - codelist CLCDS021 - Nomination status - following items were added:  99G - Rejected | V1.10 |
| 14.5.2010 | Edigas message formats - codelist CLCDS024 - Product - following items were added:  AD92 - Day values based on estimated year consumption  CL11 - Clearing – PDT positive imbalance  CL12 - Clearing – PDT negative imbalance  Change of description:  AI91 - Substitute values – Energy consumed (based on real data)  AI92 - Substitute values – Energy produced (based on real data) | V1.10 |
| 14.5.2010 | New message formats were introduced for IS OTE module (DMG and IDMG area). These are ISOTEDATA, ISOTEMASTERDATA, ISOTEREQ and RESPONSE. New chapters are sacrified to the formats; detailed description is to be found in the document D1.4.4 – IS OTE automatic communication interface. | V1.10 |
| 27.5.2010 | There was introduced new communication scenario for change of supplier process Extension / reduction of supply. Separate sub-chapter is dedicated to the new scenarion in chapter. 5.19.3 - Change of supplier.  Within the implementation, following cheges werw submitted in xsd schema definitions:  CDSGASMASTERDATA definition:  - the enumeration of the *chs-type* attribute (*Data* el.) was expanded by:  SVA - Supply extension / reduction  - the enumeration of the *type* attribute (*Action* el.) was expanded by:  IVC - Confirmation of imb. resp. transfer within supply extension / reduction  IVD - Decline of imb. resp. transfer within supply extension / reduction  VAR - Request for supply extension / reduction  - the enumeration of the *msg-code* attribute was expanded by:  GBA - Request for extension / reduction of supply by current supplier  GBC - Copy of the request for extension / reduction of supply by current supplier  GBD - Approbation with imb. resp. transfer within supply extension / reduction  GBF - Copy of the approbation with imb. resp. transfer within supply extension / reduction  CDSGASRESPONSE definition:  - the enumeration of the *msg-code* attribute was expanded by:  GBB - Confirmation of / Error in request for extension / reduction of supply by current supplier  GBE - Confirmation of / Error in approbation with imb. resp. transfer within supply extension / reduction | V1.11 |
| 27.5.2010 | Definition of CDSGASMASTERDATA message – restriction of the attribute *message-code* of the *CDSGASMASTERDATA* root element was amended with the following identifiers:  GAU - Information about insufficient funding of RMP at PDT  GAV - Information about unsecured supply due to unfinished change of supplier  GAW - Information about unsecured supply or imbalace resp. transfer at PDT  GAX - Information about unsecured imb. resp. transfer at PDT  GR9 - Information about PDT changes  New msg\_codes are to be used at PDT service monitoring. | V1.11 |
| 23.8.2010 | Definition of CDSGASMASTERDATA message – restriction of the attribute *message-code* of the *CDSGASMASTERDATA* root element was amended with the following identifiers:  GRA - Information about PDT termination because of supply unprovision or imb. resp. transfer | V1.12 |
| 23.8.2010 | Definition of GASRESPONSE message – restriction of the attribute *message-code* of the *GASRESPONSE* root element was amended with the following identifiers:  *050* - Syntax error in incoming message - error on communication channel level (from CDS to message sender)  *051* - Syntax error in incoming message - error on communication channel level (from message receiver to CDS)  *100* - Syntax error - invalid message format (from CDS to message sender)  *101* - Syntax error - invalid message format (from message receiver to CDS)  New msg\_code will be used in case of communication channel fault. | V1.12 |
| 23.8.2010 | CDSGASPOF definition - description of meter reading reasons was supplied (*Invoice.Reading.Type* data type). | V1.12 |
| 27.9.2010 | Edigas message formats - SHCDS definition. Following subelements were added to *ShipperCodeInformation* element with use optional:  *Direction* - specifies direction  *AllocationScheme* - specifies alloctaion sheme  Further the use of *ExternalShipperAccount* element was changed from optional to requiered.  Correspondig part od documentation, use of SHPCDS message format, was updated. | V1.13 |
| 27.9.2010 | Provision of assumed imblances information.  CDSEDIGASREQ definition - the enumeration of the *msg-code* attribute was expanded by:  GID - Request for assumed preliminary imbalances  GIF - Request for assumed closing imbalances  GIH - Request for assumed real metered imbalances  GASRESPONSE definition - the enumeration of the *msg-code* attribute was expanded by:  GIE - Confirmation of / Error in request for assumed preliminary imbalances  GIG - Confirmation of / Error in request for assumed real metered imbalances  GII - Confirmation of / Error in request for assumed closing imbalances  Edigas messages - the code list CLCDS025 – Imbalance type was expanded with the following types of imbalances:  PIMR - Preliminary own total imbalance of BRP  DIMR - Real metered own total imbalance of BRP  EIMR - Closing own total imbalance of BRP  Respective part of documentation was updated.. | V1.13 |
| 10.11.2010 | CDSGASMASTERDATA definition - the enumeration of the tdd-class atribute of the OPM element was expanded by values 9, 10, 11, 12. The modification is evoqued by introduction of four new TDD classes. Values´ tags were modified concurrently. | V1.14 |
| 10.11.2010 | CDSGASPOF definition - change of allowed value format of the *quantity* attribute of the *Invoice.Days* data type. From these days forward it is possible to enter negative vaules also. | V1.14 |
| 15.11.2010 | CDSGASPOF definition - by request of market participants, following changes were applied:  1. Append of the *otherItems* subelement with multiple use at the level of the *body* element.  Detailed description is provided in the respective chapter.  2. Append of the *cancelled* attribute at the level of invoice head.  The presence of attribute indicates cancelled invoice. The use is optional.  3. Append of the *startState* and *endState* attributes to the *Invoice.Meter* data type.  The attributes will serve to enter start and end metering states at points of supply with A/B metering type. The attributes are of optional use.  4. An expansion of the enumeration of the *segment* attribute of the data *Invoice.Type* type.  New identifiers CAN - Invoice cancel and EOC - End of contract of the invoice type were appended.  5. Append of the *addBillConsumption* attribute to the *consumption* element of the *Invoice.MetersCCM* data type.  The attribute, with use optional, is designed to enter charge for prejudged power consumption.  6. Append of the *from* and *to* attributes to the *consumption* element of the *Invoice.MetersCCM* data type, permission of the *consumption* element repetition.  The expansion attend on entering consumption budget per meters at the point of supply with C metering. | V1.14 |
| 15.11.2010 | With the introduction of new communication scenario Observer assignnment at the PDT followinf modification of xsd schemas were applied:  CDSGASMASTEDATA definition:  - the enumeration of the *msg\_code* attribute was expanded:  GBG - Request for assigning an observer to PDT  GBI - Information about observer assignement to PDT  GBL - Assigned observers data  - výčet povolených hodnot atributu *role* el. *Party* rozšířen o hodnotu:  119 - Pozorovatel  - the enumeration of the *chs-type* attribute of the *Data* element was expanded:  OBS - Observer assignment  - change of use of the *id* attribute of the *Party* element from required to optional  - append of the *ps-obs* attribute to the *OPM* element  GASRESPONSE definition:  - the enumeration of the *msg\_code* attribute was expanded:  GBH - Error in / Confirmation of request for assigning an observer to PDT receiving  GBK - Error in / confirmation of assigned observers request receiving  CDSGASREQ definition:  - the enumeration of the *msg\_code* attribute was expanded:  GBJ - Request for assigned observers data  - append of the *ps-obs* attribute to the *Location* element | V1.14 |
| 15.11.2010 | New message format CDSGASTEMPERATURE was introduced. The message serve for reception of real and predicted temperatures sent from CHMI to CDS OTE. The message wil not be used within communication with other market participants. | V1.14 |
| 15.11.2010 | CDSGASMASTERDATA definition - the enumeration of the *anlart* attribute of the *OPM* element was expanded by:  1011 - Producer´s extractive gas-line  The homonymic CDSGASREQ´s attribute was modified simultaneously. | V1.14 |
| 15.11.2010 | CDSGASMASTEDATA definition - the enumeration of the *msg\_code* attribute was expanded by:  GBM - Copy of the change of supplier progress information | V1.14 |
| 15.11.2010 | CDSGASMASTERDATA definition - the enumeration of the *rejection-reason* attribute of the *Data* element was modified:  - erase of the reasnons no. 08 and no. 09 | V1.14 |
| 15.11.2010 | CDSEDIGASREQ definition - the enumeration of the *msg\_code* attribute was expanded by:  GMV - Request for planned month consumption  GIJ - Request for closing allocation imbalances | V1.14 |
| 15.11.2010 | CDSGASREQ definition - the enumeration of the tdd-class atribute of the OPM element was expanded by values 9, 10, 11, 12. Values´ tags were modified concurrently. |  |
| 15.11.2010 | GASRESPONSE definition - the enumeration of the *msg\_code* attribute was expanded by:  GIK - Confirmation of / Error in request for closing allocation imbalances  GMW - Confirmation of / Error in request for planned month consumption  GTQ - Confirmation of / Error in receiving message for sending of predicted and metered average daily temperature | V1.14 |
| 15.11.2010 | Edigas message formats - codelist CLCDS024 - Product - following items were added:  ES10 - Planned month consumption  QS10 - Planned month consumption (m3)  DN99 - DN9C - Normalised LP values for TO x, LP class 9 - 12  DK99 - DK9C - Re-calculated LP values for TO x, LP class 9 - 12  SK99 - SK9C - Group LP corrected for TO x, LP class 9 - 12, supplier and grid  SN99 - SK9C - Group LP not corrected for TO x, LP class 9 - 12, supplier and grid  JK99 - JK9C - Temperature correction coefficient for TO x, LP class 9 - 12 | V1.14 |
| 15.11.2010 | Edigas message – Revision of the code list CLCDS025 – Imbalance type was done. The list was amended with the following types of imbalances:  EDIT - Final difference in allocations and nominations at BGS, CBD, on the input  EDIS - Final difference in allocations and nominations at UGS, on the input  EDOT - Final difference in allocations and nominations at BGS, CBD, on the output  EDOS - Final difference in allocations and nominations at UGS, on the output  ESYS - Final system imbalance  The following were removed:  POTI - Off-tolerance imbalance of BRP  DOTI - Off-tolerance imbalance of BRP after inclusion of trade with unused tolerance  EOTI - Final off-tolerance imbalance of BRP  An were replaced by:  POTI - Preliminary off-tolerance imbalance of BRP  DOTI - Actual off-tolerance imbalance of BRP  DOTT - Actual off-tolerance imbalance after inclusion of trading with unused tolerance  EOTI - Final off-tolerance imbalance of BRP | V1.14 |
| 15.11.2010 | ISOTEDATA definition - following modification were made:  - the append of the *trade-market-flag* attribute to the *Trade* element*.*The attribute is of use optional. The same change was made in ISOTEREQ definition.  - the enumeration of the *profile-role* attribute of the *Trade* element was expanded by:  SP36 - Day-ahead Market Settlement purchase, negative price of negative energy  SP37 - Day-ahead Market Settlement sale, positive price of positive energy  SC36 - Day-ahead Market Settlement purchase, negative energy at negative price  SC37 - Day-ahead Market Settlement sale, positive energy at positive price  SC50 - Final plan – DM - negative energy - DER bid  SC51 - Final plan – DM - positive energy - DER bid  SC77 - Matched amount of bids for purchase on PXE-futures market  SC78 - Matched amount of bids for sale on PXE-futures market  SC55 - Rounding of imbalances - amount  - the change of description at one of the code list value of the *trade-state* attribute of the *Trade* element:  „S“ - so far „DVS standart derfinition” , now „System order“  Detailed description and impact of the changes is to be found in the document D1.4.4 - IS OTE automatic communication interface. | V1.14 |
| 7.12.2010 | CDSGASMASTERDATA definition - the enumeration of the *type* attribute of the *Action* element was expanded by:  - OBS - Observer assignment  New value will be used within observer assignment scenarion. The example message was corrected. | V1.14 |
| 7.12.2010 | Nomination: the actualisation of the communication scenarios including chages for 2011:  - notification duty to the facility operators at the PDT type PEG  - counter party nomination notification against TSO for nominations from DM and IM | V1.14 |
| 8.12.2010 | ISOTEDATA definition - the enumeration of the *profile-role* attribute of the *Trade* element was expanded by:  SP77 - Matched price of bids for purchase on PXE-futures market  SP78 - Matched price of bids for sale on PXE-futures market | V1.14 |
| 3.2.2011 | Chap. 5.20.3 - Change of supplier - new cases for quick change of supplier were added in the text. These result from legislative changes applicable from 1.1.2011. | V1.15 |
| 16.2.2011 | RESPONSE definition - restriction for *msg-code* attribute was extended::  981 - Notification, gate open/closure time of RRD/DM has been changed | V1.16 |
| 16.2.2011 | New reports for Netting and LP clearing introduced (SFVOTGASTDDNETT and SFVOTGASTDDSUM). These are described in separate chapters.  Besides, the enumeration of the *msg\_code* attribute was extended in the definition of SFVOTGASREQ:  GFV - LPG netting - request  GFY - BRP LPG summ - request  GG2 - OTE LPG summ - request  And in the definition of GASRESPONSE:  GFX - LPG netting - confirmation/error  GG1 - BRP LPG summ - confirmation/error  GG4 - OTE LPG summ - confirmation/error | V1.16 |
| 18.2.2011 | CDSGASPOF definition - at the level of the *body* element , there was appended an optional *maxHistory* subelement with attributes *size, effect. price*. Detailed description is provided in the respective chapter.  The change was applied by request of market participants, | V1.17 |
| 4.3.2011 | SFVOTGASTDDNETT definition - new attribute *variableSymbol* with use optional was added to the *Netting* element. | V1.17 |
| 4.3.2011 | CDSGASMASTERDATA definition - new attribute *fc-grp* was addedto the *OPM* element. It serves to specify the group for predicted consumption calculation, the PDT belongs to. The value is filled only at the output from the market operator system. | V1.17 |
| 28.3.2011 | GASRESPONSE definition - the enumeration of the *msg-code* attribute was expanded by:  GXA - Notification about expiration of periodic request validity | V1.18 |
| 8.4.2011 | XML message formats - at tehe particpant’s request there was made revision of refence message codes for all message formats. Discrepancies were corrected. | V1.18 |
| 8.4.2011 | Edigas message formats - codelist CLCDS020 - Nomination (sub)type - following items were added:  DI - demand information (OTE-TSO)  New value will be used relative to TSO for announcing expected summary consumption of end customers (according to article18) Commission Regulation (EC) No. 715/2009). | V1.18 |
| 10.5.2011 | CDSGASPOF definition - at the request of market participants following modification were made:  1. Append of the *yearInterruptibleCapacity* subelement at the level of *contractValue*.  The element serves for entering values of Not-specified interruptible capacity. Description of attributes is to be found in the respective chapter.  2. Append of the *monthInterruptibleCapacity* subelement with multiple use at the level of *contractValue*.  The element serves for entering values of Month interruptible capacity. Description of attributes is to be found in the respective chapter.  3. Append of the y*earReCalculatedValue* attribute at the level of the invoice head.  The attribute serves for entering year recalculated value. The attribute is optional.  4. Append of *corReason* and *complId* attributes at the level of invoice head (*head->attributes*).  Attribues serve for entering a correction reason and a identification number of complaint.  Warning: From 1.7.2011 the COR kind of invoicing will be used any longer. I such a case, there will be filled original kind of invoicing and the correction will be indicated with filled correction reason. | V1.19 |
| 10.5.2011 | Edigas message - code list CLCDS025 - Imbalance type. The enumeration of was expanded by following values:  PTOR - Preliminary own tolerance od BRP  PTOL - Preliminary tolerance od BRP  DTOR - Actual own tolerance od BRP  DTOL - Actual tolerance od BRP  ETOR - Final own tolerance od BRP  ETOL - Final tolerance od BRP  New imbalance types were added in the overview of the respective chapter. | V1.19 |
| 10.5.2011 | There was introduced new communication scenario announcing the nomination deadline shift with a Nomint message. Code list addition was brought about:  CLCDS001 - Dokument type by value INF - Informative message.  CLCDS020 - Nomination (sub)type by value DEADLINE SHIFT - Nomination deadline shift | V1.19 |
| 10.5.2011 | Chapter Nomination - there were enhanced schemes for placing nomination of natural settlement of imbalances (type ZDZO, subtype PO, SO). | V1.19 |
| 10.5.2011 | SFVOT reports - by reason of zero use, the report for sending summary information Clearing LPG. Message formats were modified as follows:  SFVOTGASTDDSUM format - removed  SFVOTGASREQ format - the enumeration of the *msg\_code* attribute was reduced:  GFY - Summary LPG by BRP - request  GG2 - Summary LPG by OTE - request  GASRESPONSE format - the enumeration of the *msg\_code* attribute was reduced:  GG1 - Summary LPG by BRP - error/confirmation  GG4 - Summary LPG by OTE - error/confirmation  Respective chapter was removed from the document. | V1.19 |
| 16,5.2011 | CDSGASMASTERDATA definition - new attibute *chs-reason* with use *optional* was added to the *Data* element. The attribute serve for entering a reason of change of supplier. For the communication scenario of standart change of supplier the completion is required. | V1.19 |
| 16.5.2011 | New message format SFVOTLIMITS for passing the status of financial limit will be introduced. The format is common both for gas and electricity.  The form will be published within final version of documentation.  At the same time as SFVOTLIMITS formats, there was introduced new format SFVOTREQ for sending requests for reports, that are common for both commodities. | V1.19 |
| 20.5.2011 | CDSGASPOF definition - at the request of market participants, the entering of negative values is allowed with following attributes:  *meter* element, *sumGasM3, sumGaskWh* attributes  *dayConsumption* element, *gasConsumption, reductionConsumption, sumGas* attributes  *consumption* element, *addBillConsumption* attribute | V1.19 |
| 3.6.2011 | At the request of market paticipants, there was updated chapter devoted to the change of supplier respecting the changes going to be applied from 1.7.2011. The xml examples were also updated. | V1.19 |
| 10.6.2011 | The shape of SFVOTLIMITS message format was published. The format will be used for passing the status of financial limit. Another message formats were modified as follows:  SFVOTREQ definition - the *message-code* attribute enumeration was extended by:  463 - Financial limit status - request  RESPONSE definition - the *message-code* attribute enumeration was extended by:  465 - Financial limit status - error/confirmation | V1.19 |
| 13.6.2011 | Chapter Nomination - at the request of market participants the message format for announcing the deadline shift for placing nomination of natural settlement of imbalances was changed from Nomint to Nomres.  The change doesn´t impact the definition of concerned message formats. | V1.19 |
| 24.6.2011 | CDSEDIGASREQ definition - the enumeration of the *msg-code* attribute was expanded by:  GMX - Request for day values CM | V1.20 |
| 24.6.2011 | GASRESPONSE definition - the enumeration of the *msg-code* attribute was expanded by:  GMY - Confirmation of / Error in request for day values CM | V1.20 |
| 24.6.2011 | Edigas message formats - codelist CLCDS024 - Product - following items were added:  CL10 - Day value of meter reading  CL20 - Day estimated value for imbalance settlement | V1.20 |
| 22.7.2011 | New SFVOT report was introduced for Loss clearing. Data will be ditributed with actual SFVOTGASTDD message format. Following modifications of message definitions were applied:  SFVOTGASREQ definition - the enumeration of the *msg-code* attribute was expanded by:  GFY - Loss clearing - request  GG2 - Loss clearing OTE - request  SFVOTGASTDD definition - the enumeration of the *msg-code* attribute was expanded by:  GFZ - Loss clearing  GG3 - Loss clearing OTE  GASRESPONSE definition - the enumeration of the *msg-code* attribute was expanded by:  GG1 - Loss clearing - error/confirmation  GG4 - Loss clearing OTE - error/confirmation | V1.21 |
| 22.7.2011 | CDSGASREQ definition - new attribute *chs-status* with use *optional* was added to the *Location* element. The attribute can be used as an additional criterion when requesting the extract of chage of supplier processing. | V1.21 |
| 22.7.2011 | CDSEDIGASREQ - new attributes *import-date-time-from* and *import-date-time-to* with use *optional* were added to the *Location* element. The attributes can be used as an additional criterion when requesting the clearing results. | V1.21 |
| 22.7.2011 | Definice zprávy CDSGASTEMPERATURE - the enumeration of the *temp-area* attribute was expanded by:  1 - South Bohemia; 2 - South Moravia; 3 - Prague; 4 - South Bohemia; 5 - North Moravia; 6 - Central Bohemia; 7 - East Bohemia; 8 - West Bohemia  The expansion enables the receipt of regional temperatures for OTE keeping on file. | V1.21 |
| 11.8.2011 | SFVOTLIMITS definition - new subelement ds:Signature with use optional was added to the root element. The element serve for signing at the level of data. | V1.21 |
| 11.8.2011 | Chapter of CDSGASPOF - at the request of customers, update of examples was done. Former examples were syntactically correct, but the content was confusing, as for the relationship among figures. | V1.21 |
| 22.8.2011 | ISOTEDATA - the enumeration of the „profile-role“ attribute was extended by:  XC01 - Aggregated imbalance SBRP positive for positive price (Mwh)  XC51 - Aggregated imbalance SBRP positive for negative price (Mwh)  XC02 - Aggregated imbalance SBRP negative for positive price (Mwh)  XC52 - Aggregated imbalance SBRP negative for negative price (Mwh)  XP01 - Payments for aggregated imbalance SBRP positive - positive price for positive energy (Kč)  XP51 - Payments for aggregated imbalance SBRP positive - negative price for positive energy (Kč)  XP02 - Payments for aggregated imbalance SBRP negative - positive price for negative energy (Kč)  XP52 - Payments for aggregated imbalance SBRP negative - negative price for negative energy (Kč) | V1.22 |
| 12.9.2011 | Chapter CDSGASPOF - the unit in the description of the combustible heat was changed from MWh to kWh. | V1.22 |
| 12.9.2011 | Edigas messages - code list CLCDS020 - Nomination (sub)type - new type was added:  TRA\_DIV - Transport - divided capacity  New type will be used for divided E-E contracts. | V1.22 |
| 24.10.2011 | Following the introduction of negative prices at the electricity DM, modification in shemas´ SFVOTDTEXPIMP, SFVOTBILLING, SFVOTBILLINGEMO, SFVOTCLAIM, SFVOTCONFDATA were applied. These changes are not relevant for gas communication scenarios. | V1.23 |
| 24.10.2011 | ISOTEDATA definition - the enumaration of the profile-role attribute was expanded by XC03 - XC10; XC53 - XC60 a XP03 - XP10; XP53 - XP60. This change are not relevant for gas communication scenarios. | V1.23 |
| 24.10.2011 | Chapter 4 - Message overview - new table with supporetd message formats was inserted. Translation will be done to final version. | V1.23 |
| 24.10.2011 | CDSGASMASTERADATA message format - at the request of market participants, there were added examples of messages used in the communication scenarios of RMP enclosing, SLR switching and disconnection. . | V1.23 |
| 25.10.2011 | CDSEDIGASREQ definition - new attribute select-method with use optional was appended to the Location element. The attribute serves to specify method of selection for msg\_code GM7 - Request for metered data (non-interval metering). | V1.23 |
| 13.11.2011 | CDSGASPOF definition - at the request of market participants, there was allowed entering negative values for metering typ C, CM (attribuesy *distributionSum, consumption, renumVolume, ditribVolume*). | V1.23 |
| 13.11.2011 | ISOTEDATA definition - the restiction of the *period* attribute of the *Data* element was corrected. | V1.23 |
| 26.11.2011 | CDSGASMASTERDATA definition - new attributes with ue optional were added:  - categ-cust at the level of OPM element (customer category)  - categ-emer at the level of OPM element (customer group for state of emergency)  - reason at the level of Activity element (activity reason)  The enumeration of the message-code attribute was extended:  GRX - Request for PDT termination  GRZ - Copy of request for PDT termination | V1.24 |
| 26.11.2011 | GASRESPONSE definition - the enumeration of the message-code attribute was extended:  GRY - Confirmation of / Error in request for PDT termination | V1.24 |
| 26.11.2011 | SFVOTGASBILLING and SFVOTGASBILLINGSUM definition - the enumeration of the tradeType attribute was extended:  DP6 – Unused tolerance  PL6 - Unused tolerance fee | V1.24 |
| 26.11.2011 | Edigas messages - CLCDS020 codelist - Nomination (sub)type - following types were added:  NTT - Unused tolerance, UT market (BRP1-OTE) | V1.24 |
| 26.11.2011 | Edigas messages - Nomint and Nomres formats - at the level of the Period element were added price and currency attributes with use optional. The attributes serve for entering price and currency for UT market. | V1.24 |
| 26.11.2011 | Chapter change of supplier - update of reasons for accelerated change of supplier and communication scenarios at wording of activity reasons. | V1.24 |
| 13.12.2011 | Chapter change of supplier - update of reasons for accelerated change of supplier. | V1.24 |
| 22.12.2011 | CDSGASMASTERDATA definition - the enumeration of the categ-emer attribute of the OPM element was expanded by „C“. | V1.24 |
| 21.2.2012 | SFVOTLIMITS definition - the enumeration of the *type* attribute of the *Date* element (*Limits->Participant->DataGroups->UtilizationData*) was expanded:  ZTR - loss clearing - gas  DP6 - NT market - gas | V1.25 |
| 20.4.2012 | New message format COMMONMARKETREQ was introduced. It will serve for message handover within asynchronous MarketService communication. Description can be found in a separate chapter.  In this context, definition of RESPONSE message formar was applied. The enumeration of the message-code attribute was expanded by:  924 - Confirmation/error message for sending of request for output data handover - MarketService  996 - Confirmation of server-server connection control and sending of non-sent messages - MarketService. | V1.26 |
| 13.5.2012 | There was made an update of examples of the CDSGASPOF and CDSGASMASTERDATA message format. | V1.26 |
| 21.6.2012 | RESPONSE definition - the enumeration of the message code attribute was expanded for the needs of electricity comodity. For comodity gas without impact. | V1.27 |
| 24.8.2012 | RESPONSE definition - the enumeration of the message code attribute was expanded for the needs of electricity comodity. For comodity gas without impact. | V1.28 |
| 24.8.2012 | CDSGASMASTERDATA definition – the enumeration of the anlart atribute was expanded by:  1027 - PDT consumption with transport nomination | V1.28 |
| 24.8.2012 | Due to the introduction of new communication scenário for Security of supply following modification were applied:  CDSGASREQ definition:  - mesage-code atribute was expanded by GRB – Request for PDT data for Security of supply  - append of optional attributes categ-cust and categ-emer at the OPM element  CDSGASMASTERDATA definition:  - mesage-code atribute was expanded by GRD – PDT data for Security of supply  GASRESPONSE definition:  - mesage-code atribute was expanded by GRC - Confirmation of / Error in request for PDT master data for Security of supply | V1.28 |
| 24.9.2012 | CDSGASPOF definition – append of a SCNumber attribute with use optional at the level of invoice head (invoice/head/attributes). | V1.29 |
| 24.9.2012 | CDSGASPOF definition – change of use from optional to required for following attributes:  priceTotal (invoice/head)  endState (invoice/meters/meter/; invoice/metersC/meter/)  flueGasHeat (invoice/meters/meter/dayConsumption/)  factor (invoice/metersC/meter/consumption/)  unitPrice (invoice/instrumentReadingC/distributionSum/)  MOSettlementUnitPrice (invoice/instrumentReadingC/distributionSum/) | V1.29 |
| 5.10.2012 | Due to the introduction of new communication scenário for list of PDT according to service following modification were applied:  CDSGASREQ definition:  - mesage-code atribute was expanded by GRE – Request for list of PDT according to service  CDSGASMASTERDATA definition:  - mesage-code atribute was expanded by GRG – List of PDT according to service  GASRESPONSE definition:  - mesage-code atribute was expanded byGRF - Error in / Confirmation of request for list of PDT according to service | V1.29 |
| 5.10.2012 | Due to the introduction of new communication scenário for list of PDT submitted to clearing following modification were applied:  CDSGASREQ definition:  - mesage-code atribute was expanded by GTD – Request for list of PDT submitted to clearing  - append of optional attributes categ-cust and categ-emer at the OPM element  CDSGASMASTERDATA definition:  - mesage-code atribute was expanded by GTF – List of PDT submitted to clearing  GASRESPONSE definition:  - mesage-code atribute was expanded by GTE - Error in / Confirmation of request for list of PDT submitted to clearing | V1.29 |
| 5.10.2012 | Edigas message - code list CLCDS025 - Imbalance type. The enumeration of was expanded by following values:  PSYD – Rounding of preliminary system imbalance  DSYD - Rounding of actual system imbalance  ESYD - Rounding of final system imbalance  These types of imbalance will be sent only to the Transmission System Operator as of regular maintenance period of CS OTE in 11/2102. New imbalance types were added in the overview of the respective chapter. | V1.29 |
| 5.10.2012 | Definition of CDSGASMASTERDATA message – the root element was expanded with the following optional attributes:  *split-counter* - Message order within response  *split-last* - Last message | V1.29 |
| 5.11.2012 | Definition of CDSGASMASTERDATA message – the Workflow element was expanded with the following optional attributes:  *date-time-start* – Change of supplier start  *date-time-eval* – Change of supplier evaluation  Attributes are filled by OTE only. | V1.30 |
| 15.11.2012 | Due to legislative changes effective from 1st January 2013 following changes were applied to CDSGASMASTERDATA format:  - append of the *contract-negotiation-type* attribute at the level of *Data* element with use *optional*  - the enumeraton of the *chs-reason* attribute of the *Data* element was expanded by:  Z1 – Supply reduction - standard  ZA - Supply reduction – contract withdrawal according to § 11and par. 2 EL  Z2 - Supply reduction - contract withdrawal according to § 11and par. 3 a 4 EL  P1 - Supply extension - standard  P2 - Supply extension - contract withdrawal according to § 11and par. 2 EL | V1.31 |
| 1.2.2013 | CDSGASPOF definition – the enumeration of bellow stated attributes was expanded:  - *segment* attribute of the *attributes* element – append of the value „HST“  - *itemType* attribute of the *otherItems* element – append of the value „FNOP“  - *unit* attribute of the *otherItems* element – append of the value „kWh“ | V1.32 |
| 1.2.2013 | New message format CDGASINVOICE was introduced. A descriptionis to be found in the separate chapter. The term of implementation for test and productive systems will be specifie later. | V1.32 |
| 12.2.2013 | CDSEDIGASREQ definition - the enumeration of the *message-code* attribute was extended:  GO1 - Request for real value histrory (interval metering) | V1.32 |
| 12.2.2013 | Definice zprávy GASRESPONSE - the enumeration of the *message-code* attribute was extended:  GO2 - Confirmation/error in request for real value history (interval metering) | V1.32 |
| 13.3.2013 | CDSEDIGASREQ definition – the enumeration of the *version* attribute of the *Location* element was expanded by:  11 – Data version for monthly clearing  21 – Data version for final monthly clearing  The same values will be used for outgoing messages of the Gasdat format. | V1.32 |
| 7.3.2013 | CDSGASMASTERDATA definition – the chage of use for *anlart* and *grid-id* attributes at the level of *OPM* element. The attribues are with use optional. | V1.32 |
| 11.3.2013 | SFVOTGASREQ definition - the enumeration of the *message-code* attribute was extended:  GG5 - Final Settlement of Clearing Differences - request  GG8 - Final Settlement of Clearing Differences OTE - request | V1.32 |
| 11.3.2013 | GASRESPONSE definition - the enumeration of the *message-code* attribute was extended:  GG7 - Final Settlement of Clearing Differences - confirmation/error  GGA - Final Settlement of Clearing Differences OTE - confirmation/error | V1.32 |
| 11.3.2013 | SFVOTGASTDD definition - the enumeration of the *message-code* attribute was extended:  GG6 - Final Settlement of Clearing Differences  GG9 - Final Settlement of Clearing Differences - OTE | V1.32 |
| 11.3.2013 | SFVOTGASTDD definition – append of new *version* attribute at the level of *Data* element (*Clearing -> Rut -> Period -> Data*) and at the level of *Summary* element (*Clearing -> Rut -> Period -> Summary*). The attribute is of use *optional*. | V1.32 |
| 11.3.2013 | SFVOTGASTDDNETT definition – append of new *version* attribute at the level of *Clearing* element. The attribute is of use optional. | V1.32 |
| 24.4.2013 | CDSGASREQ definition – new attributes *rut-service* and *rut-identification* were added at the level of *Location* element. The attribues ar of use optional. | V1.33 |
| 24.4.2013 | CDSGASINVOICE definition – change of the namespace to „http://www.ote-cr.cz/schema/gasinvoice“ | V1.33 |
| 24.4.2013 | CDSGASINVOICE definition – changes in the structure; the fomat is to be changed, therefore the modifications are not listed now. Final form will be published before Sandbox OTE deployment. | V1.33 |
| 10.5.2013 | CDSGASMASTERDATA definition – change of use at the *uitext* attribute at the *OPM* element. The attribute is optional. | V1.33 |
| 25.7.2013 | CDSGASINVOICE definition – the enumeration of the *item-type* attribute of the *BillingItem* elementu was expanded by:  GG019 - Advance | V1.34 |
| 25.7.2013 | CDSGASINVOICE definition – the unification of unit marking for kilowatthour to „kWh“. | V1.34 |
| 8.8.2013 | CDSGASINVOICE definition – on request of market participants, the use of *DocHeader*, *DocDates* and *ListOfItems* elements was chaged to optional. | V1.34 |
| 11.11.2013 | CDSEDIGASREQ definition – append of new optional attributes at the level of *Location* element:  grid-id - Grid  typm – Metering type  categ-cust – Customer category  categ-emer - Customer group for state of emergency | V1.35 |
| 11.11.2013 | CDSGASREQ definition:  - from the enumeration of the message-code attribute was removed value GTD - Request for list of PDT submitted to clearing  CDSEDIGASREQ definition:  - to the enumeration of the message-code attribute was added value GTD - Request for listof PDT readings submitted to clearing  CDSGASMASTERDATA definition:  - from the enumeration of the message-code attribute was removed value GTF - List of PDT submitted to clearing  CDSGASRESPONSE definition, message-code attribute:  - the change of description GTE to „Error in / Confirmation of request for list of PDT readings submitted to clearing“ | V1.35 |
| 11.11.2013 | Edigas message fomat – codelist CLCDS013 – Value status. The enumeration was expanded by:  94G – Subject of settlement locked | V1.35 |
| 9.12.2013 | CDSGASCLAIM definition – change of use of the attributes:  action-id of the Action element from required to optional  date-time of the Action element from required to optional  The change is made at the request of market paticipants. | V1.35 |
| 9.12.2013 | CDSGASCLAIM definition – removal of the enumeratin of the content-type attribute at the Attachment element. | V1.35 |
| 21.3.2014 | CDSGASINVOICE definition – change of use at *tax-percent*, *tax-value* a *tax-value-currency* attributes of the *Tax* element. The use is optional. | V1.36 |
| 26.3.2014 | CDSGASPOF definition – change of use at following attributes:  *meterType* at the *meter* element (*body -> meters*)  *meterType* at the *meter* element (*body -> metersC*)  The attributes are of the use required. | V1.36 |
| 28.4.2014 | CDSGASINVOICE definition – change of maximum occurances of the *DocumentTotal* element (DocumentEnveloppe -> Document -> DocSummary) from 2 to 10. | V1.37 |
| 27.6.2014 | CDSGASPOF definition – change of definition by following details:  meterType – change of max. characters from 15 to 20  effect – change of max. number of digits after decimals from 7 to 12  Change was applied at all occurances of the details. | V1.38 |
| 1.12.2014 | CDSGASMASTERDATA definition – due to legislative changes effective from 1st January 2015, following modifications were applied:  - append of an optional attribute *resrv-cap-k* at the level of *OPM* element  - the *message-code* attribute – modification of description at GA7, GAH, GAJ  - the *rejection-reason* attribute of the *Data* element – append of value 08, modification of description at 51, 52, 54  - the *reason* attribute of the *Activity* element – append of value ARE | V1.39 |
| 1.12.2014 | CDSGASINVOICE definition – change of description concerning the filling of the *doc-id* attribute | V1.39 |
| 1.12.2014 | SFVOTGASBILLING, SFVOTGASBILLINGSUM, SFVOTGASCLAIM, SFVOTGASCLAIMSUM definition – the enumeration of the *trade-type* attribute was expanded by:  EMP – State of emergency - gas | V1.39 |
| 1.12.2014 | Edigas message formats - codelist CLCDS024 - Product - following items were added:  TC20 – Transport capacity (kWh) | V1.39 |
| 15.12.2014 | Edigas message formats - codelist CLCDS024 - Product – was expanded by values TA1 to TA8 for particular regions. | V1.39 |
| 18.12.2014 | CDSGASMASTERDATA definition – due to final version of legislative changes, effective from 1st January 2015, following modifications were applied:  - removal od value D – Distant from the enumeration of the *contract-negotiation-type* attribute of the *Data* element | V1.39 |
| 26.3.2015 | RESPONSE definition – append of an optional attribute *result-code* at the level of the *Reason* element. | V1.40 |
| 26.3.2015 | GASRESPONSE definition – append of an optional attribute *result-code* at the level of the *Reason* element. | V1.40 |
| 23.7.2015 | CDSGASMASTERDATA definition – the enumeration of the *categ-emer* attribute was expanded by „D1“ and „D2“ values. | V1.41 |
| 23.7.2015 | CDSEDIGASREQ definition - the enumeration of the *categ-emer* attribute was expanded by „D1“ and „D2“ values. | V1.41 |
| 23.7.2015 | CDSGASREQ definition – following modifications were applied:  - the enumeration of the *categ-emer* attribute was expanded by „D1“ and „D2“ values  - append of an optional *select-method* attribute at the level of the OPM element | V1.41 |
| 25.9.2015 | Definice ISOTEDATA definition - the enumeration of the *profile-role* attribute of the *ProfileData* element was extended:  ST19 - REMIT Fix Fee gas  XC63 - REMIT Count of reported orders - gas  XP63 - REMIT Variable Fee order gas  XC64 - REMIT Count of reported transactions - gas  XP64 - REMIT Variable Fee transaction gas | V1.42 |
| 25.9.2015 | SFVOTGASBILLING, SFVOTGASBILLINGSUM, SFVOTGASCLAIM, SFVOTGASCLAIMSUM definition – the enumeration of the *tradeType* attribute of the *tradeType* element was extended:  R04 – REMIT fixed fee  R05 - REMIT transaction fee  R06 - REMIT order fee | V1.42 |
| 25.9.2015 | Edigas messages – Nomint, Nomres definition – append of an optional *AcceptanceDateTime* element at the root level. | V1.42 |
| 25.9.2015 | Edigas messages - CLCDS020 codelist - Nomination (sub)type - following types were added:  TRA\_SNG – Transport, single sided  TRA\_DIV\_SNG – Transport – divided capacity, single sided | V1.42 |
| 25.9.2015 | Edigas messages – SHPCDS definition - append of an optional *AuthorizationInformation* element at the level of the *ShipperCodeInformation* element. | V1.42 |
| 25.9.2015 | CDSGASINVOICE definition – change of restriction at the *country* and *bank-country* attributes. The attributes can have from 1 to 3 characters. | V1.42 |
| 16.11.2015 | CDSGASMASTERDATA definition – following modifications were applied:  - the enumeration of the *message-code* attribute was extended:  GRH - Information about unauthorized consumption  GRI - Mass change of supplier / SofS  - append of an optional attribute *status-supp* at the level of *OPM* element  - append of an optional attribute *ref-wf-id* at the level of *Workflow* element  - the enumeration of the *chs-reason* attribute of the *Data* element was extended by „R3“ and „H1“  - the change of description of current values and append of new value „D“ at the  *contract-negotiation-type* attributeof the *Data* element  The changes are valid from 1.1.2016. | V1.43 |
| 16.11.2015 | CDSEDIGASREQ definition – following modifications were applied:  - the enumeration of the *message-code* attribute was extended:  GO3 - Request for consumption history C, CM  - change of description at attributes *import-date-time-from* a *import-date-time-to* | V1.43 |
| 16.11.2015 | GASRESPONSE definition – following modifications were applied:  - the enumeration of the *message-code* attribute was extended:  GO4 - Confirmation of / Error in receiving request for consumption history C,CM | V1.43 |
| 16.11.2015 | ISOTEDATA definition – the enumeration of the *message-code* attribute was restricted by values „SC41“, „SC44“, „SP41“. | V1.43 |
| 30.11.2015 | CDSGASMASTERDATA, CDSEDIGASREQ, CDSGASREQ definition - the enumeration of the *categ-emer* attribute was expanded by:  X – PDT ensuring safe operation of provider gas equipment | V1.43 |
| 29.2.2016 | SFVOTGASREQ definition - the enumeration of the *message-code* attribute was extended:  GGB - OTE settlement rate - request | V1.44 |
| 29.2.2016 | Zavedení formátu SFVOTGASEXCHRATE. Formátu je věnována samostatní kapitola. | V1.44 |
| 29.2.2016 | GASRESPONSE definition - the enumeration of the *message-code* attribute was extended:  GGD - OTE settlement rate - confirmation/error  GO6 - firmation of / Error in receiving request for historic consumption (A,B) | V1.44 |
| 29.2.2016 | CDSEDIGASREQ definition - the enumeration of the *message-code* attribute was extended:  GO5 - Request for historic consumption (A,B) | V1.44 |
| 26.5.2016 | Edigas messages - CLCDS020 codelist - Nomination (sub)type - following types were added:NFK- unused flexibility, positive  NFZ- unused flexibility, negative  DVM – daily compensatory amounts  DV4 – daily balance of compensatory amounts  SN – state of emergency  SN4 – the balance of the state of emergency | V1.45 |
| 26.5.2016 | Edigas messages - CLCDS051 codelist - Reason code - following types were added:  51G Market not opened  52G Disponibility failure | V1.45 |
| 26.5.2016 | Edigas messages - CLCDS025 codelist - Imbalance type - following types were added:PFLX = assigned value flexibility  PFLY = assigning values inherent flexibility  PFLA = aggregated flexibility for all BRP/FP  PFAA = preliminary allocation usage flexibility  PBUA = preliminary value account balance variations  PBAA = the approximate value of the daily amount of countervailing  PFNP = size flexibility positive trading market flexibility unused  PFNM = Negative Amount of flexibility for trading on the market, the unused flexibility  PFAB = allocation usage flexibility  PBUB = Value of the account balance imbalances  PBAB = Value of the daily amount of countervailing PBPB = price for daily compensatory amounts PCC2 = applicable price for the positive daily amounts of compensatory  PCC1 = applicable price for negative daily compensatory amount DBAB = Volume of difference between the imbalances in the daily and monthly evaluations DBPB = Amount of difference between the imbalances in the monthly and final monthly evaluations DOE0 = Price Index OTE  EBAB = Volume of difference between the imbalances in the monthly and final corrective monthly evaluations  EBPB = Amount of difference between the imbalances in the monthly daily and final monthly evaluations  EOE0 = Price Index OTE  XACP = status of account operator  XACN = status of account neutrality | V1.45 |
| 26.5.2016 | CDSEDIGASREQ definition – the enumeration of the *message-code* attribute was extended:  GIL preliminary daily deviations NC BAL  GINdaily deviations NC BAL  GIP monthly deviations NC BAL  GIR corrective monthly deviations NC BAL  GIT Account operator status  GJ2 Account status neutrality | V1.45 |
| 26.5.2016 | GASRESPONSE definition – the enumeration of the *message-code* attribute was extended:  GIM Confirmation / Error - preliminary daily deviations NC BAL  GIO Confirmation / Error - daily deviations NC BAL  GIQ Confirmation / Error - monthly deviations NC BAL  GIS Confirmation / Error - corrective monthly deviations NC BAL  GIU Confirmation / Error - Account operator status  GJ3 Confirmation / Error - Account neutrality status | V1.45 |
| 26.5.2016 | Edigas messages - CDSCL001TypeList - Type (Type document)- following types were added:  56G – Nomination of ES/EW - informative | V1.45 |
| 26.5.2016 | CDSGASPOF definition. All segments that contain an "effect" accompanied by an optional attribute "percentage-effect". | V1.45 |
| 26.5.2016 | New message - SFVOTGASIMGNETT partial payments nett invoices monthly and final monthly evaluation of imbalances.  Communication scenario consists of the following reports for the monthly evaluation of imbalances:  GGE Request - monthly evaluation of imbalances (SFVOT AS REQ)  GGF Monthly evaluation of imbalances  GGG Confirmation / Error - monthly evaluation of imbalances (GASRESPONSE)  Communication scenario for the final monthly evaluation of imbalances:  GGH Request - Final monthly evaluation of imbalances (SFVOT AS REQ)  GGI Final monthly evaluation of imbalances  GGJ Confirmation / Error - Final monthly evaluation of imbalances (GASRESPONSE) | V1.45 |
| 26.5.2016 | SFVOTGASBILLING, SFVOTGASBILLINGSUM, SFVOTGASCLAIM, SFVOTGASCLAIMSUM definition – the enumeration of the *trade-type* attribute was expanded by:  DVM - Daily imbalance quantity  DV4 - Balance of daily imbalance quantities  FL+ - Positive flexibility market  FL- - Negative flexibility market  IMG - Settled monthly imbalance  IM4 - Balance of settled monthly imbalances | V1.45 |
| 26.5.2016 | SFVOTLIMITS definition - the enumeration of the attribute *type* element *Data* was expanded by:  FLP - Utilization of flexibility market  DVP - Utilization of payables from imbalance evaluation | V1.45 |
| 26.5.2016 | CDSGASTEMPERATURE definition - added a new attribute *profile-version* (optional) level element *Profile.* | V1.45 |
| 26.5.2016 | CDSGASCLAIM definition - the enumeration of the attribute *claim-type* element *CLAIM* was expanded by:  TRA5 - Flexibility market | V1.45 |
| 26.5.2016 | The introduction of a new reporting format SFVOTGASIMGNETT. This is described in a separate chapter. | V1.45 |
| 26.5.2016 | New chapter Balance actions - describing the new reporting format for BALACT balancing action BalanceAction. | V1.45 |
| 26.5.2016 | CDSEDIGASREQ definition - the enumeration of the attribute *claim-type* element *Profile* was expanded by:  01 – Second update  and expanding the significance values:  00 - Data version - data for daily settlement / First Update  99 - Data version - actual data version / Up to date values | V1.45 |
| 26.5.2016 | Change of using format the message IMBNOT element ConnectionPointDetail of element PriceDeviation | V1.45 |
| 26.5.2016 | ISOTEDATA definition - the enumeration of the attribute *profile-role* element *ProfileData* was expanded by:  SC41 - Price of last known trade on IDM by GMR  and definition - the enumeration of the attribute *message-code* root element was expanded by:GVP - Trade request - last known trade price on IDM by GMR - Copy of data | V1.45 |
| 26.5.2016 | ISOTEREQ - definition - the enumeration of the attribute *message-code* root element was expanded by:  GVN - Trade request - last known trade price on IDM by GMR | V1.45 |
| 26.5.2016 | RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  GVO - Trade response - last known trade price on IDM by GMR | V1.45 |
| 20.6.2016 | Edigas messages - CDSCL012TypeList - Type (Type document)- following types were added:  MWH - Megawatthours | V1.45 |
| 20.6.2016 | Edigas messages - CLCDS028TypeList - Type (Type document)- following types were added:  CANC – Cancel action | V1.45 |
| 21.6.2016 | Edigas messages - CLCDS020TypeList - Type (Type document)- following type are changed:  FK - rewriting the title of "Flexible contract" to "Balancing services" | V1.45 |
| 29.6.2016 | Edigas messages - CLCDS013TypeList - Value status following type are changed:  96G - Value not applicable to settlement process | V1.45 |
| 14.7.2016 | Edigas messages – Imbnot format – change of type of „PriceMeasureUnit“ element from ecc:UnitOfMeasureType to cdscc:UnitOfMeasureType. | V1.46 |
| 29.8.2016 | Edigas messages - CLCDS024TypeList- Product - Value status following type are added:  MN91 MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN92 MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN93 MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN94 MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN95 MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN96 MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN97 MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN98 MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN99 MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN9A MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN9B MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MN9C MNxy-Sum of not corr. est. of consum. CM in temp. area „x“ and LP „y“  MK91 MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK92 MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK93 MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK94 MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK95 MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK96 MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK97 MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK98 MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK99 MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK9A MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK9B MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“  MK9C MKxy-Sum of corr. est. of consum. CM in temp. area „x“ and LP „y“ | V1.47 |
| 6.9.2016 | SFVOTGASBILLING, SFVOTGASBILLINGSUM, SFVOTGASCLAIM, SFVOTGASCLAIMSUM definition – the enumeration of the *trade-type* attribute was expanded by:  DV - Service of grid balancing | V1.48 |
| 24.11.2016 | CDSGASPOF definition – a new *monthFactor* attribute, with use optional, was added to following elements:  - invoice/contractValue/month – Reserved month capacity  - invoice/contractValue/monthInterruptibleCapacity – Reserved interruptible month capacity  - invoice/contractValue/slide – Reserved slide capacity | V1.49 |
| 24.11.2016 | CDSGASPOF definition – the change of definition by attribues *reductionConsumption* of the *dayConsumption* element and *sumGasM3* of the *meter* element. Values can be specified up to 4 decimal places. | V1.49 |
| 24.11.2016 | CDSEDIGASREQ definition – the enumeration of the *message-code* attribute was expanded by:  GJ4 - Request for month LP settlement data  GJ6 - Request for final month LP settlement data  GJ8 - Request for loss settlement imbalaces | V1.49 |
| 24.11.2016 | GASRESPONSE definition – the enumeration of the *message-code* attribute was expanded by:  GJ5 - Confirmation of / Error in request for month LP settlement data  GJ7- Confirmation of / Error in request for final month LP settlement data  GJ9 - Confirmation of / Error in request for loss settlement imbalaces | V1.49 |
| 24.11.2016 | CDSGASREQ definition – the enumeration of the *service* attribute of the *Location* element was expanded by:  119 - Observer | V1.49 |
| 24.11.2016 | Edigas messages – Gasdat definition – append of new *MeasurementReason* element at the level of the *Measurement* element. The element is with the use optional. | V1.49 |
| 24.11.2016 | Edigas messages – Gasdat definition – append of new *InputDateTime* element at the level of the *Measurement* element. The element is with the use optional. | V1.49 |
| 24.11.2016 | Edigas messages - CLCDS001TypeList - Type (Documentu type) – the codelist was expanded by:  87X - Measurement Information - cancel | V1.49 |
| 24.11.2016 | Edigas messages - CLCDS025 - Imbalance type (Imbalance type) – the codelist was expanded by:  PFLB = aggregated allocation of unused flexibility for all BRP/FP  DCLT = month LP imbalances settlement data  ECLT = final month imbalances LP settlement data  ECLZ = final loss settlement imbalaces | V1.49 |
| 24.11.2016 | Edigas messages - CLCDS020 – Nominaton (sub)typ – following value was removed from codelist:  JK – Gas handover | V1.49 |
| 24.4.2017 | Edigas messages - CLCDS025 - Imbalance type (Imbalance type) – the codelist was expanded by:  PBA1 - The total value of the negative provisional daily balancing amount  PBA2 - The total value of the positive provisional daily balancing amount | V1.50 |
| 24.4.2017 | CDSGASMASTERDATA definition – the description of these message codes was changed:  GAU - SS has no financial collateral to cover its obligations at the PDT (stated) as of the date (stated)  GAV - There is no delivery to the PDT (stated) from the date (stated)  GAW - There is no assurance of the assumption of the liability for the deviation in the PDT (stated) from the date (stated)  GAX - No liability for deviation in the PDT has been assumed (as stated) from the date (stated)  GR7 - Information on activation of SLR on PDT (stated) from the date (stated)  GRA - Information on the termination of the supplier's service and the SS in the PDT (stated) due to failure to provide delivery or assumption of liability for deviation from the date (stated) | V1.50 |
| 24.4.2017 | CDSEDIGASREQ definition – the enumeration of the *message-code* attribute was expanded by:  GNB - Request for all nomination types for SS - last confirmed | V1.50 |
| 24.4.2017 | GASRESPONSE definition – the enumeration of the *message-code* attribute was expanded by:  GNC - Confirmation of / error in request for nominations for given SS of all types - last confirmed | V1.50 |
| 4.9.2017 | GASMASTERDATA definition – the enumeration of the *source* attribute of the *OPM* element was extended:  BM – Bio-methan | V1.51 |
| 5.10.2017 | GASMASTERDATA definition – element *OPM -* these attributes was changed:  *date-from* is optional | V1.52 |
| 5.10.2017 | GASMASTERDATA definition – the enumeration of the *message-code* attribute was expanded by:  GZ1 - Ex post PDT registration  GZ3 - Ex post PDT registration – copy  GZ6 - PDT state | V1.52 |
| 5.10.2017 | GASRESPONSE definition – the enumeration of the *message-code* attribute was expanded by:  GZ2 - Response to ex post PDT registration  GZ5 - Response to request for PDT state | V1.52 |
| 5.10.2017 | CDSGASREQ definition – the enumeration of the *message-code* attribute was expanded by:  GZ4 - Request for PDT state | V1.52 |
| 24.11.2017 | CDSGASCLAIM definition – element *CLAIM -* these attributes were added:  version - Internal version of OTE report  template-id - Internal message template identifier | V1.53 |
| 24.11.2017 | GASRESPONSE definition – element *Reason* – this attribut was added :  block-id - Id of fault logical block | V1.53 |
| 19.4.2018 | Definice CDSGASCLAIM – attribute *claim-subject* element *CLAIM* -definition of string type extended from max 100 to 128 characters | V1.54 |
| 23.8.2018 | SFVOTLIMITS definition – the enumeration of the attribute *type* element *Data* was expanded:  LIM\_VDP - Utilization of limit for IM - gas | V1.55 |
| 23.8.2018 | SFVOTLIMITS definition – description of attribute *type* element *Data* was changed:  limitIMBalM - Limit for IM/BalM electricity or IM gas  utilizationIMBalM - Utilization of limit for IM/BalM electricity or IM gas  freeResourcesIMBalM - Free limit IM/BalM elektricity or IM gas | V1.55 |
| 23.8.2018 | SFVOTLIMITS definition – description (CS and EN) of enumeration *482* of attribute *message-code* root element was changed:  Aktuální stav limitu VDT/VT elektrina nebo VDT plyn  Current value of limit IM/BalM electricity or IM gas | V1.55 |
| 23.8.2018 | The introduction of a new format SFVOTLIMITCHANGE. This is described in a separate chapter. | V1.55 |
| 23.8.2018 | The introduction of a new format SFVOTSETTINGS. This is described in a separate chapter. | V1.55 |
| 24.10.2018 | CDSGASINVOICE definition – these attributes definition were changed:   * attribute *name* of element *NameAddress* of element *DocHeader*   string max length 80   * attribute *name* of element *NameAddress* of element *PDTblock*   string max length 80 | V1.56 |
| 24.10.2018 | CDSGASMASTERDATA definition – new attributes of element *OPM* added:  rut-lock-date - Date of PID lockout  rut-lock-eic - EIC code locked PID | V1.56 |
| 24.10.2018 | CDSGASMASTERDATA definition – the enumeration of the attribute source element *OPM* was expanded:  LG - Liquefied Natural Gas | V1.56 |
| 21.11.2018 | Edigas messages - CLCDS033Typelist –(Balance action reason) – the codelist was expanded by:  51 - Technical fault in the process of balancing action  52 - Change of the operating conditions in the transmission system.  53 - Change in balance of supply and demand  54 - The request for realization of the balancing action on the OTE market was not satisfied within 150 minutes. | V1.57 |
| 23.11.2018 | Edigas messages - CLCDS033Typelist –(Balance action reason) – the codelist was expanded by:  9 - Trade regarding GMR Annex 8, point 9 or 10 | V1.57 |
| 28.5.2019 | CDSGASPOF definition – the enumeration of the attribute *corReason* element *attributes* was changed.  Old:  01 - Correction based on mistake traced by distribution system operator  02 - Correction based on complaint  New:  1 - Correction based on mistake traced by distribution system operator  2 - Correction based on complaint | V1.58 |
| 6.12.2019 | CDSGASMASTERDATA definition – meaning of the enumeration of athe attribute *anlart* element *OPM* was changed.  Old meaning: 1001 - POD generation  New meaning: 1001 - Transfer point for gas pipeline reconstructions | V1.59 |

# INTRODUCTION

The CS OTE communication server provides for central communication with other elements of the central system and for support of gas market processes in the following areas (target state):

* Registration of market participants
* Registration of PDT’s
* Registration of responsibility for imbalance and change of supplier
* Nomination and re-nomination
* Day-ahead gas market and intra-day gas market – under construction
* Registration of unused tolerance trading
* Collection of preliminary and metered data and aggregation
* Calculation of substitute values using LP
* Calculation of imbalances (daily and monthly)
* Financial settlement
* Financial security
* Claims

The communication server solution is built upon the platform of *SAP Netweaver* integrated product.

The principles of secure access to data using PKI technology and electronic signature are applied throughout the CS OTE infrastructure.

## Data flows

### Parties to the communication

OTE a.s. in the role of the Gas Market Operator communicates with market participants in the following areas. Activities under development are in italic:

|  |  |
| --- | --- |
| **Market participant** | **Provided information** |
| Transmission system operator | * Nomination of transport * Allocation at border points of a transmission system * Reserved capacities at PDT A and B |
| Distribution system operator | * Nomination of distribution * Allocation at cross-border gas ducts * Metered data of natural gas consumption and production in the domestic zone * Registration of points of delivery * Reserved capacities at PDT A and B * Inputs (approval) in the change of supplier process |
| Storage system operator | * Nomination of storage * Allocation of storage |
| Subject of settlement | * Nomination of obligations to supply / take * Nomination of transport * Nomination of distribution * Nomination of storage * Acquisition of information about results of gas settlement * Proposals of organised short-term markets * Acquisition of information about results of trading on organised short-term markets * Inputs (approval) in the change of supplier process * Registration of responsibility for imbalance * Acquisition of data for financial settlement of OTE |
| Registered market participant – gas supplier | * Initiation of and inputs in the change of supplier process * Acquisition of data for gas invoicing to end customers * Registration of responsibility for imbalance |

### Method of data provision

Data shall be provided between OTE and market participants as follows:

* **Interactive web interface**Participants access the secured website of OTE and use it for sending data and acquiring results of OTE supported processes.
* **Automatic communication**Participants provide and acquire data via the system of automatic communication that provides for interconnection of a market participant’s system with the CS OTE communication server. Data are provided in the agreed standardised formats.The principles of automatic communication are described in the document D1.4.3 Interface of web services.

### Formats of automatic communication

The communication formats are based on the XML communication protocol, using the following standards:

|  |  |
| --- | --- |
| **Format** | **Description** |
| EDIGAS v4.0 (XML) | Communication standards for a gas market proposed and administered by EASEE-gas organisation. This format is expected to be supported as the communication standard for the gas market developed by ENTSO-G organisation.  The external interface of automatic communication uses the format for the following processes:   * Provision of information (NOMINT, NOMRES, SHPCDS messages) * Provision of allocations (ALOCAT message) * Provision of metered data by distribution system operators and the transmission system operator (GASDAT message) * Provision of results of imbalance settlement (IMBNOT message) * Provision of information about acceptance or rejection of sent data (APERAK message)   Utilisation of formats in the processes is proposed in accordance with the EDIGAS standards, or with application of the standards to the communication scenarios applicable to the specific situation of the Market Operator (the described scenarios of the EDIGAS standard do not primarily anticipate the role of an independent market operator). |
| XML according to OTE | Communication standards proposed and administered by OTE ČR. The proposal is based on the existing OTE standards for the electricity market. Special templates shall be used for gas.  Messages in this format are used for communication in the areas that are not supported by the EDIGAS standard, i.e. for the following processes:   * Registration of PDT * Change of supplier * Trading on short-term organised markets (under development) * Data for financial settlement of OTE (under development) * Filing claims * Inquiries about CDS data * Provision of data for invoicing of distribution |

### Security

The security concept is described by the separate document D1.4.3 Interface of CS OTE web services.

# PRINCIPLES OF COMMUNICATION

##### BASIC PRINCIPLE

Sender application

Web Application

Server

Message

Error

message

Processing result

CDS appl. server

iDoc

Msg content

iDoc

Processing

result

PKI server

IS OTE

LDAP server

IS OTE

IS OTE

Application

Processing result

IM&BM trade data message

Internal communication

Fig. 1 – Basic principle of exchange of messages (target state)

Messages will be automatically exchanged among the systems of the individual participants following the basic principle, in the below steps:

1. a market participant sends a message to the CDS OTE system. A message may contain either data intended for processing by the central system, or a request for provision of data from the central system of CDS OTE.
2. the message is received by the CDS-WAS module; the electronic signature of the sender is verified by the LDAP server of IS OTE and the message is decrypted by the PKI server
3. CDS-WAS will verify the message syntax; if an error has been detected in the previous steps, CDS-WAS will send back a system error report.
4. if everything is OK, WAS will forward the message to the CDS application server for further processing. The application server compiles a SAP iDoc internal document that includes the message data, and the message is forwarded to IS-U application for processing.
5. the application server processes the data and returns the result of processing in the form of an iDoc document to the CDS-WAS module for sending back (the result may be either a confirmation of data acceptance by CDS, or the data requested from CDS or an error message).
6. the CDS-WAS module encodes and signs the response and sends it back to the defined address via the selected channel.

# GENERAL PRINCIPLES OF USING MESSAGES

The following principles shall apply to using messages specified in this document:

* Registered market participants are designated by ETSO EIC (16) coding; the code is assigned by ČEPS
* Points of delivery and transfer are designated by ETSO EIC (16) coding; the code is assigned by OTE or operators of transmission and distribution systems within the sub-series assigned to them
* Messages including interval metering data shall cover an entire day (commonly 24 hours)
* If corrected data have to be sent again, the new message shall contain all the data included in the original message. Processing data will not take the entire previous message into consideration.
* A single data exchange (a data file with a message) shall contain a single message only

##### MESSAGE FORMATS ACCORDING TO THE OTE SPECIFICATION

* Date and time are provided in local time
* Periods are defined by the time of beginning and end of the period

###### DATE FORMAT

A XML message header, attribute *date-time* shall always include the date and time of the message, including the off-set representing the shift of date and time of the message from GMT (Greenwich Mean Time). If the off-set is not provided, the value will be interpreted as being GMT.

**Definition of usage for interval data:**

Interval data are sent by the message format according to the Edigas standard (see below).

**Definition of usage for non-interval data:**

**a) Specification for providing date and time (date type xsd:date-time):**

Date and time are stated in the YYYY-MM-DDTHH:MM+HH:MM format. The beginning of the day is determined as 06:00 hours, the end as 06:00 hours of the next day.

An example of a date:

2009-10-27T06:00+01:00

An example of entering an interval (January 2010):

Date from - 2010-01-01T06:00+01:00

Date to - 2010-02-01T06:00+01:00

**b) Specification for providing date only (date type xsd:date):**

The meaning of the date items is date from/to INCLUSIVE. The date is provided in the YYYY-MM-DD format.

An example of a date:

2009-10-27

An example of entering an interval (January 2010):

Date from - 2010-01-01

Date to - 2010-01-31

###### SWITCHING TO SUMMER TIME AND BACK

* Date and time are provided in real time.
* If the date is provided in the date and time format, the *time-offset* from GMT (Greenwich Mean Time) is provided. The following applies to dates in summer time *time-offset=+02:00,* and to dates in winter time *time-offset=+01:00.*

###### NUMERICAL DATA FORMAT

* Numerical data are provided without spaces and separators of thousands, e.g.: 25000000
* Decimal places shall be separated by a dot (.), e.g.: 3.14
* Incomplete notation is not allowed, e.g.: .5 or 2.
* Introductory zeroes are not allowed, e.g.: 02
* Positive values are provided without the sign, e.g.: 112
* Negative values are provided with the minus sign (-) immediately in front of the first digit, e.g.: -112
* There may be no sign in front of the zero value, e.g.: 0

##### MESSAGE FORMATS ACCORDING TO THE EDIGAS FORMAT

###### DATE FORMAT

* Date and time are provided in local time
* Periods are defined by the time of beginning and end of the period

Usage and specification of time zones shall be governed by the ISO 8601 standard. The offset shall be specified directly in the date and time identifier:

An example:

- date and time with 2-hour shift from UTC: **2009-10-26T21:00:00+02:00**

- time interval: **2009-10-27T06:00+01:00/2009-10-28T06:00+01:00**

###### NUMERICAL DATA FORMAT

* Numerical data are provided without spaces and separators of thousands, e.g.: 25000000
* All values are provided as integral numbers (unless stipulated otherwise)\*
* Introductory zeroes are not allowed, e.g.: 02
* Positive values are provided without the sign, e.g.: 112
* Negative values are provided with the minus sign (-) immediately in front of the first digit, e.g.: -112
* There may be no sign in front of the zero value, e.g.: 0

\*Note: With the exception of product CT10/CT20 – Combustible heat and AD92 - Day values based on estimated year consumption, where 4 decimal places are allowed. More decimal places are allowed respecive to TDD koef.

Formats of other data are governed by general recommendations regarding implementation of the EDIGAS 4.0 format (general guidelines), unless stipulated otherwise in the text.

# OVERVIEW OF MESSAGES

##### TABLE msg\_CODE

Each type of message is explicitly identified by a msg\_code determining the nature of the message and the procedure of its processing. The below table provides a list of all messages going through the external interface of the CS OTE system. Provided for each message is the msg\_code, the description, the message format, the source system and the destination system.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Message format** | **Input/ Output** | **Source** | **Destination** |
| GA1 | Request for change of supplier | CDSGASMASTERDATA | Input | RMP | CDS |
| GA2 | Confirmation of acceptance/rejection of a request for change of supplier (if a response is not required, then only in case it is required) | GASRESPONSE | Output | CDS | RMP |
| GA3 | Copy of a request for a change of supplier | CDSGASMASTERDATA | Output | CDS | RMP |
| GA4 | Message about possible reservation of distribution or transport capacity | CDSGASMASTERDATA | Input | TSO / DSO | CDS |
| GA5 | Confirmation of acceptance/rejection of a message about possible reservation of distribution or transport capacity | GASRESPONSE | Output | CDS | DSO/TSO |
| GA6 | Copy of a message about possible reservation of distribution or transport capacity | CDSGASMASTERDATA | Output | CDS | BRP, TSO/DSO |
| GA7 | Request for continuation of gas supplies at the point of delivery (valid till 31.12.2014) | CDSGASMASTERDATA | Output | CDS | Supp, BRP |
| GA8 | Request for suspension of the change of supplier process | CDSGASMASTERDATA | Input | Supp. | CDS |
| GA9 | Confirmation of acceptance/rejection of a message with a request for suspension of the change of supplier process | GASRESPONSE | Output | CDS | Supp. |
| GAA | Copy of a message with a request for suspension of the change of supplier process | CDSGASMASTERDATA | Output | CDS | Supp, BRP |
| GAB | Confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | CDSGASMASTERDATA | Input | BRP | CDS |
| GAC | Confirmation of acceptance/rejection of a message with confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | GASRESPONSE | Output | CDS | BRP |
| GAD | Copy of confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | CDSGASMASTERDATA | Output | CDS | TSO / DSO, BRP, Supp. |
| GAE | Confirmation of customer’s consent with change of supplier | CDSGASMASTERDATA | Input | Supp. | CDS |
| GAF | Confirmation of acceptance/rejection of a message with confirmation of customer’s consent with change of supplier | GASRESPONSE | Output | CDS | TSO / DSO, BRP, Supp**.** |
| GAG | Copy of confirmation of customer’s consent with change of supplier | CDSGASMASTERDATA | Output | CDS | Supp. |
| GAH | Confirmation/rejection of continuation of gas supplies at the point of delivery by the existing supplier and its balance responsible party (valid till 31.12.2014) | CDSGASMASTERDATA | Input | BRP, Supp. | CDS |
| GAI | Confirmation of acceptance/rejection of a message with confirmation/rejection of continuation of gas supplies at the point of delivery (valid till 31.12.2014) | GASRESPONSE | Output | CDS | BRP, Supp. |
| GAJ | Copy of confirmation/rejection of continuation of gas supplies at the point of delivery by the existing supplier and its balance responsible party (valid till 31.12.2014) | CDSGASMASTERDATA | Output | CDS | TSO / DSO, BRP, Supp. |
| GAK | Results of evaluation of request for change of supplier | CDSGASMASTERDATA | Output | CDS | TSO / DSO, BRP, Supp. |
| GAL | Request for change of balance responsible party at a PDT | CDSGASMASTERDATA | Input | BRP, Supp. | CDS |
| GAM | Sending of confirmation of acceptance/rejection of request for change of balance responsible party | GASRESPONSE | Output | CDS | BRP, Supp. |
| GAN | Copy of a request for change of balance responsible party | CDSGASMASTERDATA | Output | CDS | BRP, Supp. |
| GAO | Approval/rejection of request for change of balance responsible party by the balance responsible party | CDSGASMASTERDATA | Input | BRP | CDS |
| GAP | Sending of confirmation of acceptance/rejection of a message with request for change of balance responsible party by the balance responsible party | GASRESPONSE | Output | CDS | BRP |
| GAQ | Copy of approval/rejection of request for change of balance responsible party by the balance responsible party | CDSGASMASTERDATA | Output | CDS | BRP |
| GAR | Request for sending the status of change of supplier | CDSGASREQ | Input | RMP | CDS |
| GAS | Confirmation/error in request for statement from the journal of change of supplier | GASRESPONSE | Output | CDS | RMP |
| GAT | Statement from the journal of change of supplier | CDSGASMASTERDATA | Output | CDS | RMP |
| GAU | SS has no financial collateral to cover its obligations at the PDT (stated) as of the date (stated) | CDSGASMASTERDATA | Output | CDS | RMP |
| GAV | There is no delivery to the PDT (stated) from the date (stated) | CDSGASMASTERDATA | Output | CDS | RMP |
| GAW | There is no assurance of the assumption of the liability for the deviation in the PDT (stated) from the date (stated) | CDSGASMASTERDATA | Output | CDS | RMP |
| GAX | No liability for deviation in the PDT has been assumed (as stated) from the date (stated) | CDSGASMASTERDATA | Output | CDS | RMP |
| GAZ | Information about RMP locking at a PDT | CDSGASMASTERDATA | Output | CDS | RMP |
| GB1 | Request for registration of imbalance responsibility transfer | CDSGASMASTERDATA | Input | RMP | CDS |
| GB2 | Confirmation of / Error in request for registration of imbalance responsibility transfer receiving | GASRESPONSE | Output | CDS | RMP |
| GB3 | Information about registration of imbalance responsibility transfer | CDSGASMASTERDATA | Output | CDS | RMP, BRP |
| GB4 | Approbation / Refusal of imbalance responsibility transfer | CDSGASMASTERDATA | Input | SOFS | CDS |
| GB5 | Confirmation of / Error in approbation / refusal of imbalance responsibility transfer receivnig | GASRESPONSE | Output | CDS | BRP |
| GB6 | Request for imbalance responsibility transfer | CDSGASREQ | Input | RMP | CDS |
| GB7 | Confirmation of / Error in request for imbalance responsibility transfer receiving | GASRESPONSE | Output | CDS | RMP |
| GB8 | Information about imbalance responsibility transfer (on request 455) | CDSGASMASTERDATA | Output | CDS | RMP |
| GBA | Request for extension / reduction of supply by current supplier | CDSGASMASTERDATA | Input | RMP | CDS |
| GBB | Confirmation of / Error in request for extension / reduction of supply by current supplier | GASRESPONSE | Output | CDS | RMP |
| GBC | Copy of the request for extension / reduction of supply by current supplier | CDSGASMASTERDATA | Output | CDS | RMP |
| GBD | Approbation with imb. resp. transfer within supply extension / reduction | CDSGASMASTERDATA | Input | Supp. | CDS |
| GBE | Confirmation of / Error in approbation with imb. resp. transfer within supply extension / reduction | GASRESPONSE | Output | CDS | Supp. |
| GBF | Copy of the approbation with imb. resp. transfer within supply extension / reduction | CDSGASMASTERDATA | Output | CDS | RMP |
| GBG | Request for assigning an observer to PDT | CDSGASMASTERDATA | Input | BRP, DSO/TSO | CDS |
| GBH | Error in / Confirmation of request for assigning an observer to PDT receiving | GASRESPONSE | Output | CDS | RMP |
| GBI | Information about observer assignement to PDT | CDSGASMASTERDATA | Output | CDS | RMP |
| GBJ | Request for assigned observers data | CDSGASREQ | Input | RMP | CDS |
| GBK | Error in / confirmation of assigned observers request receiving | GASRESPONSE | Output | CDS | RMP |
| GBL | Assigned observers data | CDSGASMASTERDATA | Output | CDS | RMP |
| GBM | Copy of the change of supplier progress information | CDSGASMASTERDATA | Output | CDS | RMP |
| GC1 | Entering/updating of information | GASCLAIM | Input | RMP | CDS |
| GC2 | Acceptance/error of sent claim | GASRESPONSE | Output | CDS | RMP |
| GC3 | Copy of claim | GASCLAIM | Output | CDS | RMP |
| GC4 | Inquiry about claim data | CDSGASREQ | Input | RMP | CDS |
| GC5 | Acceptance/error in inquiry about claim data | GASRESPONSE | Output | CDS | RMP |
| GC6 | Copy of claim | GASCLAIM | Output | CDS | RMP |
| GC7 | OTE messages | GASCLAIM | Output | CDS | RMP |
| GC8 | Inquiry about OTE messages | CDSGASREQ | Input | RMP | CDS |
| GC9 | Confirmation/error in inquiry about OTE messages | GASRESPONSE | Output | CDS | RMP |
| GCA | Copy of OTE messages | GASCLAIM | Output | CDS | RMP |
| GD1 | Bid creation / Bid replacement / Nomination creation (DMG) | ISOTEDATA | Input | RMP | IS OTE |
| GD2 | Bid creation / Bid replacement / Nomination creation - error / confirmation (DMG) | RESPONSE | Output | IS OTE | RMP |
| GD3 | Bid creation / Bid replacement / Nomination creation - Copy of data (DMG) | ISOTEDATA | Output | IS OTE | RMP |
| GD4 | Bid cancelation (DMG) | ISOTEDATA | Input | RMP | IS OTE |
| GD5 | Bid cancelation - error / confirmation (DMG) | RESPONSE | Output | IS OTE | RMP |
| GD6 | Bid cancelation - Copy of data (DMG) | ISOTEDATA | Output | IS OTE | RMP |
| GD7 | Own bid data - State detection (DMG) | ISOTEREQ | Input | RMP | IS OTE |
| GD8 | Own bid data - State detection - error / confirmation (DMG) | RESPONSE | Output | IS OTE | RMP |
| GD9 | Own bid data - Copy of data (DMG) | ISOTEDATA | Output | IS OTE | RMP |
| GDA | Trading results nominations sending (DMG) | ISOTEDATA | Output | IS OTE | RMP |
| GDD | Request - DM marginal prices (DMG) | ISOTEREQ | Input | RMP | IS OTE |
| GDE | Request - DM marginal prices - error / confirmation (DMG) | RESPONSE | Output | IS OTE | RMP |
| GDF | Request - DM marginal prices - Data copy (DMG) | ISOTEDATA | Output | IS OTE | RMP |
| GF1 | Invoicing base data - request | SFVOTGASREQ | Input | RMP | CDS |
| GF2 | Invoicing base data | SFVOTGASBILLING | Output | CDS | RMP |
| GF3 | Invoicing base data - error/confirmation | GASRESPONSE | Output | CDS | RMP |
| GF4 | OTE Invoicing base data - request | SFVOTGASREQ | Input | RMP | CDS |
| GF5 | OTE Invoicing base data | SFVOTGASBILLING | Output | CDS | RMP |
| GF6 | OTE invoicing base data - error/confirmation | GASRESPONSE | Output | CDS | RMP |
| GF7 | Payments and refunds overview - request | SFVOTGASREQ | Input | RMP | CDS |
| GF8 | Payments and refunds overview | SFVOTGASCLAIM | Output | CDS | RMP |
| GF9 | Payments and refunds overview - error/confirmation | GASRESPONSE | Output | CDS | RMP |
| GFA | OTE Payments and refunds overview - request | SFVOTGASREQ | Input | RMP | CDS |
| GFB | OTE Payments and refunds overview | SFVOTGASCLAIM | Output | CDS | RMP |
| GFC | OTE payments and refunds overview - error/confirmation | GASRESPONSE | Output | CDS | RMP |
| GFD | LP differences settlement - request | SFVOTGASREQ | Input | RMP | CDS |
| GFE | LP differences settlement | SFVOTGASTDD | Output | CDS | RMP |
| GFF | Payments and refunds overview - error/confirmation | GASRESPONSE | Output | CDS | RMP |
| GFG | OTE LP differences settlement - request | SFVOTGASREQ | Input | RMP | CDS |
| GFH | OTE LP differences settlement | SFVOTGASTDD | Output | CDS | RMP |
| GFI | OTE LP differences settlement - error/confirmation | GASRESPONSE | Output | CDS | RMP |
| GFJ | Invoicing base data - summary | SFVOTGASREQ | Input | RMP | CDS |
| GFK | Invoicing base data - summary | SFVOTGASBILLINGSUM | Output | CDS | RMP |
| GFL | Invoicing base data - summary - confirmation / error | GASRESPONSE | Output | CDS | RMP |
| GFM | OTE Invoicing base data - summary | SFVOTGASREQ | Input | RMP | CDS |
| GFN | OTE Invoicing base data - summary | SFVOTGASBILLINGSUM | Output | CDS | RMP |
| GFO | OTE invoicing base data - summary - confirmation / error | GASRESPONSE | Output | CDS | RMP |
| GFP | Claim overview - summary | SFVOTGASREQ | Input | RMP | CDS |
| GFQ | Claim overview - summary | SFVOTGASCLAIMSUM | Output | CDS | RMP |
| GFR | Claim overview - summary - confirmation / error | GASRESPONSE | Output | CDS | RMP |
| GFS | OTE claim overview - summary | SFVOTGASREQ | Input | RMP | CDS |
| GFT | OTE claim overview - summary | SFVOTGASCLAIMSUM | Output | CDS | RMP |
| GFU | OTE Claim overview - summary - confirmation / error | GASRESPONSE | Output | CDS | RMP |
| GFV | LPG netting - request | SFVOTGASREQ | Input | RMP | CDS |
| GFW | LPG netting | SFVOTGASTDDNETT | Output | CDS | RMP |
| GFX | LPG netting - confirmation/error | GASRESPONSE | Output | CDS | RMP |
| GFY | Loss clearing - request | SFVOTGASREQ | Input | RMP | CDS |
| GFZ | Loss clearing | SFVOTGASTDD | Output | CDS | RMP |
| GG1 | Loss clearing - confirmation/error | GASRESPONSE | Output | CDS | RMP |
| GG2 | Loss clearing OTE - request | SFVOTGASREQ | Input | RMP | CDS |
| GG3 | Loss clearing OTE | SFVOTGASTDD | Output | CDS | RMP |
| GG4 | Loss clearing OTE - confirmation/error | GASRESPONSE | Output | CDS | RMP |
| GG5 | Final Settlement of Clearing Differences - request | SFVOTGASREQ | Input | RUT | CDS |
| GG6 | Final Settlement of Clearing Differences | SFVOTGASTDD | Output | RMP | CDS |
| GG7 | Final Settlement of Clearing Differences - confirmation/error | GASRESPONSE | Output | CDS | RMP |
| GG8 | Final Settlement of Clearing Differences OTE - request | SFVOTGASREQ | Input | CDS | RMP |
| GG9 | Final Settlement of Clearing Differences - OTE | SFVOTGASTDD | Output | RMP | CDS |
| GGA | Final Settlement of Clearing Differences OTE - confirmation/error | GASRESPONSE | Output | CDS | RMP |
| GGB | OTE settlement rate - request | SFVOTGASREQ | Input | CDS | RMP |
| GGC | OTE settlement rate | SFVOTEXCHGASRATE | Output | RMP | CDS |
| GGD | OTE settlement rate - confirmation/error | GASRESPONSE | Output | CDS | RMP |
| GGE | Request - monthly evaluation of imbalances | SFVOTGASREQ | Input | RUT | CDS |
| GGF | Monthly evaluation of imbalances | SFVOTGASIMGNETT | Output | CDS | RUT |
| GGG | Confirmed /error - monthly evaluation of imbalances | GASRESPONSE | Output | CDS | RUT |
| GGH | Request - Final monthly evaluation of imbalances | SFVOTGASREQ | Input | RUT | CDS |
| GGI | FInal monthly evaluation of imbalances | SFVOTGASIMGNETT | Output | CDS | RUT |
| GGJ | Confirmed /error – Final monthly evaluation of imbalances | GASRESPONSE | Output | CDS | RUT |
| GI1 | Request for data of preliminary imbalance | CDSEDIGASREQ | Input | BRP | CDS |
| GI2 | Confirmation of / Error in request for data of preliminary imbalance | GASRESPONSE | Output | CDS | BRP |
| GI3 | Request for preliminary difference in allocations | CDSEDIGASREQ | Input | BRP | CDS |
| GI4 | Confirmation of / Error in request for preliminary difference in allocations | GASRESPONSE | Output | CDS | BRP |
| GI5 | Request for data of actual imbalance | CDSEDIGASREQ | Input | BRP | CDS |
| GI6 | Confirmation of / Error in request for data of actual imbalance | GASRESPONSE | Output | CDS | BRP |
| GI7 | Request for actual difference in allocations | CDSEDIGASREQ | Input | BRP | CDS |
| GI8 | Confirmation of / Error in request for actual difference in allocations | GASRESPONSE | Output | CDS | BRP |
| GI9 | Request for off-tolerance deviations after inclusion of trading with unused tolerance | CDSEDIGASREQ | Input | BRP | CDS |
| GIA | Confirmation of / Error in request for off-tolerance deviations | GASRESPONSE | Output | CDS | BRP |
| GIB | Request for closing imbalances | CDSEDIGASREQ | Input | BRP | CDS |
| GIC | Confirmation of / Error in request for closing imbalances | GASRESPONSE | Output | CDS | BRP |
| GID | Request for assumed preliminary imbalances | CDSEDIGASREQ | Input | BRP | CDS |
| GIE | Confirmation of / Error in request for assumed preliminary imbalances | GASRESPONSE | Output | CDS | BRP |
| GIF | Request for assumed closing imbalances | CDSEDIGASREQ | Input | BRP | CDS |
| GIG | Confirmation of / Error in request for assumed real metered imbalances | GASRESPONSE | Output | CDS | BRP |
| GIH | Request for assumed real metered imbalances | CDSEDIGASREQ | Input | BRP | CDS |
| GII | Confirmation of / Error in request for assumed closing imbalances | GASRESPONSE | Output | CDS | BRP |
| GIJ | Request for closing allocation imbalances | CDSEDIGASREQ | Input | BRP | CDS |
| GIK | Confirmation of / Error in request for closing allocation imbalances | GASRESPONSE | Output | CDS | BRP |
| GIL | Preliminary daily deviations NC BAL | CDSEDIGASREQ | Input | BRP | CDS |
| GIM | Confirmation / Error - preliminary daily deviations NC BAL | GASRESPONSE | Output | CDS | BRP |
| GIN | Daily deviations NC BAL | CDSEDIGASREQ | Input | BRP | CDS |
| GIO | Confirmation / Error - daily deviations NC BAL | GASRESPONSE | Output | CDS | BRP |
| GIP | Monthly deviations NC BAL | CDSEDIGASREQ | Input | BRP | CDS |
| GIQ | Confirmation / Error - monthly deviations NC BAL | GASRESPONSE | Output | CDS | BRP |
| GIR | Corrective monthly deviations NC BAL | CDSEDIGASREQ | Input | BRP | CDS |
| GIS | Confirmation / Error - corrective monthly deviations NC BAL | GASRESPONSE | Output | CDS | BRP |
| GIT | Account operator status | CDSEDIGASREQ | Input | BRP | CDS |
| GIU | Confirmation / Error - Account operator status | GASRESPONSE | Output | CDS | BRP |
| GJ2 | Account status neutrality | CDSEDIGASREQ | Input | BRP | CDS |
| GJ3 | Confirmation / Error - Account neutrality status | GASRESPONSE | Output | CDS | BRP |
| GJ4 | Request for month imbalances LP settlement data | CDSEDIGASREQ | Input | BRP | CDS |
| GJ5 | Confirmation of / Error in request for month imbalances LP settlement data | GASRESPONSE | Output | CDS | BRP |
| GJ6 | Request for final month imbalances LP settlement data | CDSEDIGASREQ | Input | BRP | CDS |
| GJ7 | Confirmation of / Error in request for final month imbalances LP settlement data | GASRESPONSE | Output | CDS | BRP |
| GJ8 | Request for loss settlement imbalaces | CDSEDIGASREQ | Input | BRP | CDS |
| GJ9 | Confirmation of / Error in request for loss settlement imbalaces | GASRESPONSE | Output | CDS | BRP |
| GL1 | Request for allocation data | CDSEDIGASREQ | Input | RMP | CDS |
| GL2 | Confirmation/error in request for allocation data | GASRESPONSE | Output | CDS | RMP |
| GL3 | Requets for data of reserved capacity | CDSEDIGASREQ | Input | RMP | CDS |
| GL4 | Confirmation/error in request for data of reserved capacity | GASRESPONSE | Output | CDS | RMP |
| GM1 | Request for metered values (interval metering) | CDSEDIGASREQ | Input | RMP | CDS |
| GM2 | Confirmation/error in request for metered values (interval metering) | GASRESPONSE | Output | CDS | RMP |
| GM3 | Request for substitute values (interval metering) | CDSEDIGASREQ | Input | RMP | CDS |
| GM4 | Confirmation/error in request for substitute values (interval metering) | GASRESPONSE | Output | CDS | RMP |
| GM5 | Request for change of accumulation | CDSEDIGASREQ | Input | RMP | CDS |
| GM6 | Confirmation/error in request for change of accumulation | GASRESPONSE | Output | CDS | RMP |
| GM7 | Request for metered values (non-interval metering) | CDSEDIGASREQ | Input | RMP | CDS |
| GM8 | Confirmation/error in request for metered values (non-interval metering) | GASRESPONSE | Output | CDS | RMP |
| GM9 | Request for planned estimate of annual consumption | CDSEDIGASREQ | Input | RMP | CDS |
| GMA | Confirmation/error in request for planned estimate of annual consumption | GASRESPONSE | Output | CDS | RMP |
| GMB | Request for combustible heat | CDSEDIGASREQ | Input | RMP | CDS |
| GMC | Confirmation/error in request for combustible heat | GASRESPONSE | Output | CDS | RMP |
| GMD | Request for distribution capacity | CDSEDIGASREQ | Input | RMP | CDS |
| GME | Confirmation/error in request for distribution capacity | GASRESPONSE | Output | CDS | RMP |
| GMF | Request for transport capacity | CDSEDIGASREQ | Input | RMP | CDS |
| GMG | Confirmation/error in request for transport capacity | GASRESPONSE | Output | CDS | RMP |
| GMH | Request for actual own losses | CDSEDIGASREQ | Input | RMP | CDS |
| GMI | Confirmation/error in request for actual own losses | GASRESPONSE | Output | CDS | RMP |
| GMJ | Request for planned own losses | CDSEDIGASREQ | Input | RMP | CDS |
| GMK | Confirmation/error in request for planned own losses | GASRESPONSE | Output | CDS | RMP |
| GML | Inquiry about aggregated values at BRP | CDSEDIGASREQ | Input | RMP | CDS |
| GMM | Confirmation/error in inquiry about aggregated values at BRP | GASRESPONSE | Output | CDS | RMP |
| GMN | Inquiry about data for DS broken down to A, B, C, CM | CDSEDIGASREQ | Input | RMP | CDS |
| GMO | Confirmation/error in inquiry about data for DS broken down to A, B, C, CM | GASRESPONSE | Output | CDS | RMP |
| GMP | Inquiry about summary values for BRP broken down to A, B, C, CM | CDSEDIGASREQ | Input | RMP | CDS |
| GMQ | Confirmation/error in inquiry about summary values for BRP broken down to A, B, C, CM | GASRESPONSE | Output | CDS | RMP |
| GMR | Inquiry about summary values for BRP and network broken down to A, B, C, CM | CDSEDIGASREQ | Input | RMP | CDS |
| GMS | Confirmation/error in inquiry about summary values for BRP and network broken down to A, B, C, CM | GASRESPONSE | Output | CDS | RMP |
| GMT | Request for C metering day values | CDSEDIGASREQ | Input | RMP | CDS |
| GMU | Confirmation of / Error in request C metering day values | GASRESPONSE | Output | CDS | RMP |
| GMV | Request for planned month consumption | CDSEDIGASREQ | Input | RMP | CDS |
| GMW | Confirmation of / Error in request for planned month consumption | GASRESPONSE | Output | CDS | RMP |
| GMX | Request for day values CM | CDSEDIGASREQ | Input | RMP | CDS |
| GMY | Confirmation of / Error in request for day values CM | GASRESPONSE | Output | CDS | RMP |
| GN1 | Inquiry about nominations of the BRP of all types | CDSEDIGASREQ | Input | BRP | CDS |
| GN2 | Confirmation/error in inquiry about nominations of the BRP | GASRESPONSE | Output | CDS | BRP |
| GN3 | Inquiry about all nominations of transport | CDSEDIGASREQ | Input | TSO | CDS |
| GN4 | Confirmation/error in inquiry about all nominations of transport | GASRESPONSE | Output | CDS | TSO |
| GN5 | Inquiry about all nominations of distribution for the DSO | CDSEDIGASREQ | Input | DSO | CDS |
| GN6 | Confirmation/error in inquiry about all nominations of distribution for the DSO | GASRESPONSE | Output | CDS | DSO |
| GN7 | Inquiry about all nominations of storage for the SSO | CDSEDIGASREQ | Input | SSO | CDS |
| GN8 | Confirmation/error in inquiry about all nominations of storage for the SSO | GASRESPONSE | Output | CDS | SSO |
| GN9 | Inquiry about shipper code list | CDSEDIGASREQ | Input | DSO / TSO | CDS |
| GNA | Confirmation/error in inquiry about shipper code list | GASRESPONSE | Output | CDS | TSO / DSO |
| GNB | Request for all nomination types for SS - last confirmed | CDSEDIGASREQ | Input | BRP | CDS |
| GNC | Confirmation of / error in request for nominations for given SS of all types - last confirmed | GASRESPONSE | Output | CDS | BRP |
| GO1 | Request for real value histrory (interval metering) | CDSEDIGASREQ | Input | RMP | CDS |
| GO2 | Confirmation/error in request for real value histrory (interval metering) | GASRESPONSE | Output | CDS | RMP |
| GO3 | Request for consumption history C, CM | CDSEDIGASREQ | Input | RMP | CDS |
| GO4 | Confirmation of / Error in receiving request for consumption history C,CM | GASRESPONSE | Output | CDS | RMP |
| GO5 | Request for historic consumption (A,B) | CDSEDIGASREQ | Input | RMP | CDS |
| GO6 | Confirmation of / Error in receiving request for historic consumption (A,B) | GASRESPONSE | Output | CDS | RMP |
| GP1 | DGI data for invoicing of distribution | CDSGASPOF | Input | DSO | OTE |
| GP2 | Confirmation of acceptance/error in a message with data for invoicing of distribution (DGI) | GASRESPONSE | Output | CDS | DSO |
| GP4 | Inquiry about data for invoicing of distribution (DGI) | CDSGASREQ | Input | RMP | CDS |
| GP5 | Response in case of error in verification of message with data for invoicing of distribution (DGI) | GASRESPONSE | Output | CDS | RMP |
| GP6 | Message with data for invoicing of distribution (DGI) | CDSGASPOF | Output | CDS | RMP |
| GP7 | Electronic invoice | CDSGASINVOICE | Input / Output | DSO CDS | CDS Supplier |
| GP8 | Confirmation/error in electrtonic invoice receipt | GASRESPONSE | Output | CDS | PDS Supplier |
| GP9 | Request for electronic invoice | CDSGASREQ | Input | RMP | CDS |
| GPA | Confirmation/error in request for electronic invoice | GASRESPONSE | Output | CDS | RMP |
| GPB | Electronic invoice (OTE) | CDSGASINVOICE | Output | CDS | RMP |
| GPC | Request for informaction about electronic invoice handover | CDSGASREQ | Input | DSO | CDS |
| GPD | Confirmation/error in request for informaction about electronic invoice handover | GASRESPONSE | Output | CDS | DSO |
| GPE | Informaction about electronic invoice handover | CDSGASINVOICE | Output | CDS | DSO |
| GR1 | Request for registration/update of PDT | CDSGASMASTERDATA | Input | TSO / DSO | CDS |
| GR2 | Confirmation of acceptance/rejection of a message with request for registration/update of PDT | GASRESPONSE | Output | CDS | DSO / TSO |
| GR3 | Copy of a message with request for registration/update of PDT | CDSGASMASTERDATA | Output | CDS | DSO / TSO |
| GR4 | Request for PDT data | CDSGASREQ | Input | RMP | CDS |
| GR5 | Confirmation of acceptance/rejection of a message with request for PDT data | GASRESPONSE | Output | CDS | RMP |
| GR6 | Copy of a message with request for PDT data | CDSGASMASTERDATA | Output | CDS | RMP |
| GR7 | Information on activation of SLR on PDT (stated) from the date (stated) | CDSGASMASTERDATA | Output | CDS | RMP |
| GR8 | Information about PDT termination | CDSGASMASTERDATA | Output | CDS | RMP |
| GR9 | Information about PDT changes | CDSGASMASTERDATA | Output | CDS | RMP |
| GRA | Information on the termination of the supplier's service and the SS in the PDT (stated) due to failure to provide delivery or assumption of liability  for deviation from the date (stated) | CDSGASMASTERDATA | Output | CDS | RMP |
| GRB | Request for PDT data for Security of supply | CDSGASREQ | Input | RMP | CDS |
| GRC | Confirmation of acceptance/rejection of a message with request for PDT data for Security of supply | GASRESPONSE | Output | CDS | RMP |
| GRD | Copy of a message with request for PDT data for Security of supply | CDSGASMASTERDATA | Output | CDS | RMP |
| GRE | Request for list of PDT according to service | CDSGASREQ | Input | RMP | CDS |
| GRF | Error in / Confirmation of request for list of PDT according to service | GASRESPONSE | Output | CDS | RMP |
| GRG | List of PDT according to service | GASMASTERDATA | Output | CDS | RMP |
| GRH | Information about unauthorized consumption | GASMASTERDATA | Output | CDS | RMP |
| GRI | Mass change of supplier / SofS | GASMASTERDATA | Output | CDS | RMP |
| GRX | Request for PDT termination | CDSGASMASTERDATA | Input | DSO/TSO | CDS |
| GRY | Confirmation of / Error in request for PDT termination | GASRESPONSE | Output | CDS | RMP |
| GRZ | Copy of request for PDT termination | CDSGASMASTERDATA | Output | CDS | RMP |
| GSD | Request - Day settlement (DMG) | ISOTEREQ | Input | RMP | IS OTE |
| GSE | Request - Day settlement - error / confirmation (DMG) | RESPONSE | Output | IS OTE | RMP |
| GSF | Request - Day settlement - Data copy (DMG) | ISOTEDATA | Output | IS OTE | RMP |
| GT1 | Request for data of normal and actual weather conditions (temperatures) | CDSEDIGASREQ | Input | RMP | CDS |
| GT2 | Confirmation/error in request for data of normal and actual weather conditions (temperatures) | GASRESPONSE | Output | CDS | RMP |
| GT3 | Request for LP data | CDSEDIGASREQ | Input | RMP | CDS |
| GT4 | Confirmation/error in request for LP data | GASRESPONSE | Output | CDS | RMP |
| GT5 | Request for data of temperature correlation coefficient | CDSEDIGASREQ | Input | RMP | CDS |
| GT6 | Confirmation/error in request for data of temperature correlation coefficient | GASRESPONSE | Output | CDS | RMP |
| GT7 | Inquiry about residue diagrams | CDSEDIGASREQ | Input | RMP | CDS |
| GT8 | Confirmation/error in inquiry about residue diagrams | GASRESPONSE | Output | CDS | RMP |
| GT9 | Inquiry about estimated diagram of consumption of a PDT group (C, CM) | CDSEDIGASREQ | Input | RMP | CDS |
| GTA | Confirmation/error in inquiry about estimated diagram of consumption of a PDT group (C, CM) | GASRESPONSE | Output | CDS | RMP |
| GTB | Request for clearing results for PDT | CDSEDIGASREQ | Input | RMP | CDS |
| GTC | Confirmation of / Error in request for clearing results for PDT | GASRESPONSE | Output | CDS | RMP |
| GTD | Request for list of PDT readings submitted to clearing | CDSEDIGASREQ | Input | RMP | CDS |
| GTE | Error in / Confirmation of request for list of PDT readings submitted to clearing | GASRESPONSE | Output | CDS | RMP |
| GTP | Message for sending of predicted and metered average daily temperature | CDSEDIGASREQ | Input | RMP | CDS |
| GTQ | Confirmation of / Error in receiving message for sending of predicted and metered average daily temperature | GASRESPONSE | Output | CDS | RMP |
| GV1 | Order place / replace (IDMG) | ISOTEDATA | Input | RMP | IS OTE |
| GV2 | Order place / replace - error / confirmation (IDMG) | RESPONSE | Output | IS OTE | RMP |
| GV3 | Copy of order data - place (IDMG) | ISOTEDATA | Output | IS OTE | RMP |
| GV4 | Order annulation (IDMG) | ISOTEDATA | Input | RMP | IS OTE |
| GV5 | Order annulation - error / confirmation (IDMG) | RESPONSE | Output | IS OTE | RMP |
| GV6 | Copy of order data - annulation (IDMG) | ISOTEDATA | Output | IS OTE | RMP |
| GV7 | One´s own order data - state request (IDMG) | ISOTEREQ | Input | RMP | IS OTE |
| GV8 | One´s own order data - state request - error / confirmation (IDMG) | RESPONSE | Output | IS OTE | RMP |
| GV9 | Copy of order data - one´s own order (IDMG) | ISOTEDATA | Output | IS OTE | RMP |
| GVA | Trading results nomination sending (IDMG) | ISOTEDATA | Output | IS OTE | RMP |
| GVB | Trading results nomination sending (IDMG) | ISOTEDATA | Output | IS OTE | RMP |
| GVC | Trade request - one´s own (IDMG) | ISOTEREQ | Input | RMP | IS OTE |
| GVD | Trade request - one´s own - error / confirmation (IDMG) | RESPONSE | Output | IS OTE | RMP |
| GVE | Copy of one´s own trades data (IDMG) | ISOTEDATA | Output | IS OTE | RMP |
| GVF | Product data request (IDMG) | ISOTEREQ | Input | RMP | IS OTE |
| GVG | Product data request - error / confirmation (IDMG) | RESPONSE | Output | IS OTE | RMP |
| GVH | Product master data (IDMG) | ISOTEMASTERDATA | Output | IS OTE | RMP |
| GVJ | Notification about change of trading screen (IDMG) | RESPONSE | Output | IS OTE | RMP |
| GVK | Copy of trading screen - market depth (IDMG) | ISOTEDATA | Output | IS OTE | RMP |
| |  | | --- | | GVN | | Trade request - last known trade price on IDM by GMR | ISOTEREQ | Vstup | RUT | IS OTE |
| GVO | Trade response - last known trade price on IDM by GMR | RESPONSE | Výstup | IS OTE | RUT |
| GVP | Trade request - last known trade price on IDM by GMR - Copy of data | ISOTEDATA | Výstup | IS OTE | RUT |
| GX1 | Request for provision of a message from the queue | COMMONGASREQ | Input | RMP | CDS |
| GX2 | Response – notification that there are no more messages in the message queue | GASRESPONSE | Output | CDS | RMP |
| GX3 | Request for verification of the server-server connection | COMMONGASREQ | Input | RMP | CDS |
| GX4 | Response forwarded to call-back service during verification of the server-server connection | GASRESPONSE | Output | CDS | RMP |
| GX5 | Syntax error in incoming message - error on communication channel level (from message receiver to CDS) | GASRESPONSE | Output | CDS | RMP |
| GX6 | Syntax error in incoming message - error on communication channel level (from CDS to message sender) | GASRESPONSE | Output | RMP | CDS |
| GXA | Notification about expiration of periodic request validity | GASRESPONSE | Output | CDS | RMP |
| GZ1 | Ex post PDT registration | CDSGASMASTERDATA | Input | PDS | CDS |
| GZ2 | Response to ex post PDT registration | GASRESPONSE | Output | CDS | PDS |
| GZ3 | Ex post PDT registration – copy | CDSGASMASTERDATA | Output | CDS | PDS |
| GZ4 | Request for PDT state | CDSGASREQ | Input | PDS | CDS |
| GZ5 | Response to request for PDT state | GASRESPONSE | Output | CDS | PDS |
| GZ6 | PDT state | CDSGASMASTERDATA | Output | CDS | PDS |
| 050 | Syntax error in incoming message - error on communication channel level (from CDS to message sender) | GASRESPONSE | Output | CDS | RMP |
| 051 | Syntax error in incoming message - error on communication channel level (from message receiver to CDS) | GASRESPONSE | Input | RMP | CDS |
| 100 | Syntax error - invalid message format (from CDS to message sender) | GASRESPONSE | Output | CDS | RMP |
| 101 | Syntax error - invalid message format (from message receiver to CDS) | GASRESPONSE | Input | RMP | CDS |
| 463 | Financial status limit - request | SFVOTREQ | Input | RMP | IS OTE |
| 464 | Financial status limit | SFVOTLIMITS | Output | IS OTE | RMP |
| 465 | Financial status limit - error/confirmation | RESPONSE | Output | IS OTE | RMP |
| 481 | Setting VDT / VT limit for electricity or VDT for gas | SFVOTSETTINGS | Input | RUT | IS OTE |
| 484 | Automatic change of the VDT / VT financial limit for electricity or VDT for gas. | SFVOTLIMITCHANGE | OUT | IS OTE | RUT |
| 923 | Request for IS OTE data handover - MarketService | COMMONMARKETREQ | Input | Service provider | WAS (IM&BM) |
| 924 | Confirmation/error message for sending of request for output data handover - MarketService | RESPONSE | Output | IS OTE | External subject |
| 981 | Notification, gate open/closure time of RRD/DM has been changed. | GASRESPONSE | Input | RMP | CDS |
| 964 | Data request - Statistic data of imbalances settlement | ISOTEREQ | Input | RUT | IS OTE |
| 965 | Request for imbalance settlement statistic data - error / confirmation | RESPONSE | Output | IS OTE | RUT |
| 966 | Request for imbalance settlement statistic data - copy of data | ISOTEDATA | Output | IS OTE | RUT |
| 983 | Notification about BM product aggregation | RESPONSE | OUT | IS OTE | RUT |
| 984 | Notification about BM product announce | RESPONSE | OUT | IS OTE | RUT |
| 985 | Notification about product dealing opening on BM | RESPONSE | OUT | IS OTE | RUT |
| 986 | Notification about product dealing termination on BM | RESPONSE | OUT | IS OTE | RUT |
| 987 | Notification about dealing result finalization of product on BM | RESPONSE | OUT | IS OTE | RUT |
| 988 | Notification about BM product non-announce | RESPONSE | OUT | IS OTE | RUT |
| 994 | Request for server-server connection control and for delivery of non-sent IS OTE messages - MarketService | COMMONMARKETREQ | Input | External subject | WAS (IM&BM) |
| 996 | Confirmation of server-server connection control and sending of non-sent messages - MarketService | RESPONSE | Output | CDS | External subject |

##### Overview of acceptable message formats

There is determined, for each message, which are acceptable message format for entering or leaving CS OTE system. The overview is stated bellow.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Popis** | **Formát zprávy** | **XML** | **TXT (pouze SMTP, nešifrované)** | **PDF/HTML /RTF (pouze SMTP)** | **Podpis** |
| GA1 | Request for change of supplier | CDSGASMASTERDATA | X |  |  | X |
| GA2 | Confirmation of acceptance/rejection of a request for change of supplier (if a response is not required, then only in case it is required) | GASRESPONSE | X | X |  |  |
| GA3 | Copy of a request for a change of supplier | CDSGASMASTERDATA | X | X |  | X |
| GA4 | Message about possible reservation of distribution or transport capacity | CDSGASMASTERDATA | X |  |  | X |
| GA5 | Confirmation of acceptance/rejection of a message about possible reservation of distribution or transport capacity | GASRESPONSE | X | X |  |  |
| GA6 | Copy of a message about possible reservation of distribution or transport capacity | CDSGASMASTERDATA | X | X |  | X |
| GA7 | Request for continuation of gas supplies at the point of delivery (valid till 31.12.2014) | CDSGASMASTERDATA | X | X |  | X |
| GA8 | Request for suspension of the change of supplier process | CDSGASMASTERDATA | X |  |  | X |
| GA9 | Confirmation of acceptance/rejection of a message with a request for suspension of the change of supplier process | GASRESPONSE | X | X |  |  |
| GAA | Copy of a message with a request for suspension of the change of supplier process | CDSGASMASTERDATA | X | X |  | X |
| GAB | Confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | CDSGASMASTERDATA | X |  |  | X |
| GAC | Confirmation of acceptance/rejection of a message with confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | GASRESPONSE | X | X |  |  |
| GAD | Copy of confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | CDSGASMASTERDATA | X | X |  | X |
| GAE | Confirmation of customer’s consent with change of supplier | CDSGASMASTERDATA | X |  |  | X |
| GAF | Confirmation of acceptance/rejection of a message with confirmation of customer’s consent with change of supplier | GASRESPONSE | X | X |  |  |
| GAG | Copy of confirmation of customer’s consent with change of supplier | CDSGASMASTERDATA | X | X |  | X |
| GAH | Confirmation/rejection of continuation of gas supplies at the point of delivery by the existing supplier and its balance responsible party (valid till 31.12.2014) | CDSGASMASTERDATA | X |  |  | X |
| GAI | Confirmation of acceptance/rejection of a message with confirmation/rejection of continuation of gas supplies at the point of delivery (valid till 31.12.2014) | GASRESPONSE | X | X |  |  |
| GAJ | Copy of confirmation/rejection of continuation of gas supplies at the point of delivery by the existing supplier and its balance responsible party (valid till 31.12.2014) | CDSGASMASTERDATA | X | X |  | X |
| GAK | Results of evaluation of request for change of supplier | CDSGASMASTERDATA | X | X |  | X |
| GAL | Request for change of balance responsible party at a PDT | CDSGASMASTERDATA | X |  |  | X |
| GAM | Sending of confirmation of acceptance/rejection of request for change of balance responsible party | GASRESPONSE | X | X |  |  |
| GAN | Copy of a request for change of balance responsible party | CDSGASMASTERDATA | X | X |  | X |
| GAO | Approval/rejection of request for change of balance responsible party by the balance responsible party | CDSGASMASTERDATA | X |  |  | X |
| GAP | Sending of confirmation of acceptance/rejection of a message with request for change of balance responsible party by the balance responsible party | GASRESPONSE | X | X |  |  |
| GAQ | Copy of approval/rejection of request for change of balance responsible party by the balance responsible party | CDSGASMASTERDATA | X | X |  | X |
| GAR | Request for sending the status of change of supplier | CDSGASREQ | X |  |  |  |
| GAS | Confirmation/error in request for statement from the journal of change of supplier | GASRESPONSE | X | X |  |  |
| GAT | Statement from the journal of change of supplier | CDSGASMASTERDATA | X | X |  | X |
| GAU | SS has no financial collateral to cover its obligations at the PDT (stated) as of the date (stated) | CDSGASMASTERDATA | X | X |  | X |
| GAV | There is no delivery to the PDT (stated) from the date (stated) | CDSGASMASTERDATA | X | X |  | X |
| GAW | There is no assurance of the assumption of the liability for the deviation in the PDT (stated) from the date (stated) | CDSGASMASTERDATA | X | X |  | X |
| GAX | No liability for deviation in the PDT has been assumed (as stated) from the date (stated) | CDSGASMASTERDATA | X | X |  | X |
| GAZ | Information about RMP locking at a PDT | CDSGASMASTERDATA | X | X |  | X |
| GB1 | Request for registration of imbalance responsibility transfer | CDSGASMASTERDATA | X |  |  | X |
| GB2 | Confirmation of / Error in request for registration of imbalance responsibility transfer receiving | GASRESPONSE | X | X |  | X |
| GB3 | Information about registration of imbalance responsibility transfer | CDSGASMASTERDATA | X | X |  | X |
| GB4 | Approbation / Refusal of imbalance responsibility transfer | CDSGASMASTERDATA | X | X |  | X |
| GB5 | Confirmation of / Error in approbation / refusal of imbalance responsibility transfer receivnig | GASRESPONSE | X | X |  |  |
| GB6 | Request for imbalance responsibility transfer | CDSGASREQ | X |  |  |  |
| GB7 | Confirmation of / Error in request for imbalance responsibility transfer receiving | GASRESPONSE | X | X |  |  |
| GB8 | Information about imbalance responsibility transfer (on request 455) | CDSGASMASTERDATA | X | X |  | X |
| GBA | Request for extension / reduction of supply by current supplier | CDSGASMASTERDATA | X |  |  | X |
| GBB | Confirmation of / Error in request for extension / reduction of supply by current supplier | GASRESPONSE | X | X |  |  |
| GBC | Copy of the request for extension / reduction of supply by current supplier | CDSGASMASTERDATA | X | X |  | X |
| GBD | Approbation with imb. resp. transfer within supply extension / reduction | CDSGASMASTERDATA | X |  |  | X |
| GBE | Confirmation of / Error in approbation with imb. resp. transfer within supply extension / reduction | GASRESPONSE | X | X |  |  |
| GBF | Copy of the approbation with imb. resp. transfer within supply extension / reduction | CDSGASMASTERDATA | X | X |  | X |
| GBG | Request for assigning an observer to PDT | CDSGASMASTERDATA | X |  |  | X |
| GBH | Error in / Confirmation of request for assigning an observer to PDT receiving | GASRESPONSE | X | X |  |  |
| GBI | Information about observer assignement to PDT | CDSGASMASTERDATA | X | X |  | X |
| GBJ | Request for assigned observers data | CDSGASREQ | X |  |  |  |
| GBK | Error in / confirmation of assigned observers request receiving | GASRESPONSE | X | X |  |  |
| GBL | Assigned observers data | CDSGASMASTERDATA | X | X |  | X |
| GBM | Copy of the change of supplier progress information | CDSGASMASTERDATA | X | X |  |  |
| GC1 | Entering/updating of information | CDSGASCLAIM | X |  |  | X |
| GC2 | Acceptance/error of sent claim | GASRESPONSE | X | X |  |  |
| GC3 | Copy of claim | CDSGASCLAIM | X | X |  | X |
| GC4 | Inquiry about claim data | CDSGASREQ | X |  |  |  |
| GC5 | Acceptance/error in inquiry about claim data | GASRESPONSE | X | X |  |  |
| GC6 | Copy of claim | CDSGASCLAIM | X | X |  | X |
| GC7 | OTE messages | CDSGASCLAIM | X | X |  | X |
| GC8 | Inquiry about OTE messages | CDSGASREQ | X |  |  |  |
| GC9 | Confirmation/error in inquiry about OTE messages | GASRESPONSE | X | X |  |  |
| GCA | Copy of OTE messages | CDSGASCLAIM | X | X |  | X |
| GD1 | Bid creation / Bid replacement / Nomination creation (DMG) | ISOTEDATA | X |  |  | X |
| GD2 | Bid creation / Bid replacement / Nomination creation - error / confirmation (DMG) | RESPONSE | X |  |  |  |
| GD3 | Bid creation / Bid replacement / Nomination creation - Copy of data (DMG) | ISOTEDATA | X |  |  | X |
| GD4 | Bid cancelation (DMG) | ISOTEDATA | X |  |  | X |
| GD5 | Bid cancelation - error / confirmation (DMG) | RESPONSE | X |  |  |  |
| GD6 | Bid cancelation - Copy of data (DMG) | ISOTEDATA | X |  |  | X |
| GD7 | Own bid data - State detection (DMG) | ISOTEREQ | X |  |  |  |
| GD8 | Own bid data - State detection - error / confirmation (DMG) | RESPONSE | X |  |  |  |
| GD9 | Own bid data - Copy of data (DMG) | ISOTEDATA | X |  |  | X |
| GDA | Trading results nominations sending (DMG) | ISOTEDATA | X |  |  | X |
| GDD | Request - DM marginal prices (DMG) | ISOTEREQ | X |  |  |  |
| GDE | Request - DM marginal prices - error / confirmation (DMG) | RESPONSE | X |  |  |  |
| GDF | Request - DM marginal prices - Data copy (DMG) | ISOTEDATA | X |  |  | X |
| GF1 | Invoicing base data - request | SFVOTGASREQ | X |  |  |  |
| GF2 | Invoicing base data | SFVOTGASBILLING | X |  | X | X |
| GF3 | Invoicing base data - error/confirmation | GASRESPONSE | X |  |  |  |
| GF4 | OTE Invoicing base data - request | SFVOTGASREQ | X |  |  |  |
| GF5 | OTE Invoicing base data | SFVOTGASBILLING | X |  | X | X |
| GF6 | OTE invoicing base data - error/confirmation | GASRESPONSE | X |  |  |  |
| GF7 | Payments and refunds overview - request | SFVOTGASREQ | X |  |  |  |
| GF8 | Payments and refunds overview | SFVOTGASCLAIM | X |  | X | X |
| GF9 | Payments and refunds overview - error/confirmation | GASRESPONSE | X |  |  |  |
| GFA | OTE Payments and refunds overview - request | SFVOTGASREQ | X |  |  |  |
| GFB | OTE Payments and refunds overview | SFVOTGASCLAIM | X |  | X | X |
| GFC | OTE payments and refunds overview - error/confirmation | GASRESPONSE | X |  |  |  |
| GFD | LP differences settlement - request | SFVOTGASREQ | X |  |  |  |
| GFE | LP differences settlement | SFVOTGASTDD | X |  | X | X |
| GFF | Payments and refunds overview - error/confirmation | GASRESPONSE | X |  |  |  |
| GFG | OTE LP differences settlement - request | SFVOTGASREQ | X |  |  |  |
| GFH | OTE LP differences settlement | SFVOTGASTDD | X |  | X | X |
| GFI | OTE LP differences settlement - error/confirmation | GASRESPONSE | X |  |  |  |
| GFJ | Invoicing base data - summary | SFVOTGASREQ | X |  |  |  |
| GFK | Invoicing base data - summary | SFVOTGASBILLINGSUM | X |  | X | X |
| GFL | Invoicing base data - summary - confirmation / error | GASRESPONSE | X |  |  |  |
| GFM | OTE Invoicing base data - summary | SFVOTGASREQ | X |  |  |  |
| GFN | OTE Invoicing base data - summary | SFVOTGASBILLINGSUM | X |  | X | X |
| GFO | OTE invoicing base data - summary - confirmation / error | GASRESPONSE | X |  |  |  |
| GFP | Claim overview - summary | SFVOTGASREQ | X |  |  |  |
| GFQ | Claim overview - summary | SFVOTGASCLAIMSUM | X |  |  | X |
| GFR | Claim overview - summary - confirmation / error | GASRESPONSE | X |  | X |  |
| GFS | OTE claim overview - summary | SFVOTGASREQ | X |  |  |  |
| GFT | OTE claim overview - summary | SFVOTGASCLAIMSUM | X |  | X | X |
| GFU | OTE Claim overview - summary - confirmation / error | GASRESPONSE | X |  |  |  |
| GFV | LPG netting - request | SFVOTGASREQ | X |  |  |  |
| GFW | LPG netting | SFVOTGASTDDNETT | X |  | X | X |
| GFX | LPG netting - confirmation/error | GASRESPONSE | X |  |  |  |
| GFY | Loss clearing - request | SFVOTGASREQ | X |  |  |  |
| GFZ | Loss clearing | SFVOTGASTDD | X |  | X | X |
| GG1 | Loss clearing - confirmation/error | GASRESPONSE | X |  |  |  |
| GG2 | Loss clearing OTE - request | SFVOTGASREQ | X |  |  |  |
| GG3 | Loss clearing OTE | SFVOTGASTDD | X |  | X | X |
| GG4 | Loss clearing OTE - confirmation/error | GASRESPONSE | X |  |  |  |
| GG5 | Final Settlement of Clearing Differences - request | SFVOTGASREQ | X |  |  |  |
| GG6 | Final Settlement of Clearing Differences | SFVOTGASTDD | X |  | X | X |
| GG7 | Final Settlement of Clearing Differences - confirmation/error | GASRESPONSE | X |  |  |  |
| GG8 | Final Settlement of Clearing Differences OTE - request | SFVOTGASREQ | X |  |  |  |
| GG9 | Final Settlement of Clearing Differences - OTE | SFVOTGASTDD | X |  | X | X |
| GGA | Final Settlement of Clearing Differences OTE - confirmation/error | GASRESPONSE | X |  |  |  |
| GGB | OTE settlement rate - request | SFVOTGASREQ | X |  |  |  |
| GGC | OTE settlement rate | SFVOTEXCHGASRATE | X |  | X | X |
| GGD | OTE settlement rate - confirmation/error | GASRESPONSE | X |  |  |  |
| GGE | Request - monthly evaluation of imbalances | SFVOTGASREQ | X |  |  |  |
| GGF | Monthly evaluation of imbalances | SFVOTGASIMGNETT | X |  |  |  |
| GGG | Confirmed /error - monthly evaluation of imbalances | GASRESPONSE | X |  |  |  |
| GGH | Request - Final monthly evaluation of imbalances | SFVOTGASREQ | X |  |  |  |
| GGI | FInal monthly evaluation of imbalances | SFVOTGASIMGNETT | X |  |  |  |
| GGJ | Confirmed /error – Final monthly evaluation of imbalances | GASRESPONSE | X |  |  |  |
| GI1 | Request for data of preliminary imbalance | CDSEDIGASREQ | X |  |  |  |
| GI2 | Confirmation of / Error in request for data of preliminary imbalance | GASRESPONSE | X |  |  |  |
| GI3 | Request for preliminary difference in allocations | CDSEDIGASREQ | X |  |  |  |
| GI4 | Confirmation of / Error in request for preliminary difference in allocations | GASRESPONSE | X |  |  |  |
| GI5 | Request for data of actual imbalance | CDSEDIGASREQ | X |  |  |  |
| GI6 | Confirmation of / Error in request for data of actual imbalance | GASRESPONSE | X |  |  |  |
| GI7 | Request for actual difference in allocations | CDSEDIGASREQ | X |  |  |  |
| GI8 | Confirmation of / Error in request for actual difference in allocations | GASRESPONSE | X |  |  |  |
| GI9 | Request for off-tolerance deviations after inclusion of trading with unused tolerance | CDSEDIGASREQ | X |  |  |  |
| GIA | Confirmation of / Error in request for off-tolerance deviations | GASRESPONSE | X |  |  |  |
| GIB | Request for closing imbalances | CDSEDIGASREQ | X |  |  |  |
| GIC | Confirmation of / Error in request for closing imbalances | GASRESPONSE | X |  |  |  |
| GID | Request for assumed preliminary imbalances | CDSEDIGASREQ | X |  |  |  |
| GIE | Confirmation of / Error in request for assumed preliminary imbalances | GASRESPONSE | X |  |  |  |
| GIF | Request for assumed closing imbalances | CDSEDIGASREQ | X |  |  |  |
| GIG | Confirmation of / Error in request for assumed real metered imbalances | GASRESPONSE | X |  |  |  |
| GIH | Request for assumed real metered imbalances | CDSEDIGASREQ | X |  |  |  |
| GII | Confirmation of / Error in request for assumed closing imbalances | GASRESPONSE | X |  |  |  |
| GIJ | Request for closing allocation imbalances | CDSEDIGASREQ | X |  |  |  |
| GIK | Confirmation of / Error in request for closing allocation imbalances | GASRESPONSE | X |  |  |  |
| GIL | Preliminary daily deviations NC BAL | CDSEDIGASREQ | X |  |  |  |
| GIM | Confirmation / Error - preliminary daily deviations NC BAL | GASRESPONSE | X |  |  |  |
| GIN | Daily deviations NC BAL | CDSEDIGASREQ | X |  |  |  |
| GIO | Confirmation / Error - daily deviations NC BAL | GASRESPONSE | X |  |  |  |
| GIP | Monthly deviations NC BAL | CDSEDIGASREQ | X |  |  |  |
| GIQ | Confirmation / Error - monthly deviations NC BAL | GASRESPONSE | X |  |  |  |
| GIR | Corrective monthly deviations NC BAL | CDSEDIGASREQ | X |  |  |  |
| GIS | Confirmation / Error - corrective monthly deviations NC BAL | GASRESPONSE | X |  |  |  |
| GIT | Account operator status | CDSEDIGASREQ | X |  |  |  |
| GIU | Confirmation / Error - Account operator status | GASRESPONSE | X |  |  |  |
| GJ2 | Account status neutrality | CDSEDIGASREQ | X |  |  |  |
| GJ3 | Confirmation / Error - Account neutrality status | GASRESPONSE | X |  |  |  |
| GJ4 | Request for month imbalances LP settlement data | CDSEDIGASREQ | X |  |  |  |
| GJ5 | Confirmation of / Error in request for month imbalances LP settlement data | GASRESPONSE | X |  |  |  |
| GJ6 | Request for final month imbalances LP settlement data | CDSEDIGASREQ | X |  |  |  |
| GJ7 | Confirmation of / Error in request for final month imbalances LP settlement data | GASRESPONSE | X |  |  |  |
| GJ8 | Request for loss settlement imbalaces | CDSEDIGASREQ | X |  |  |  |
| GJ9 | Confirmation of / Error in request for loss settlement imbalaces | GASRESPONSE | X |  |  |  |
| GL1 | Request for allocation data | CDSEDIGASREQ | X |  |  |  |
| GL2 | Confirmation/error in request for allocation data | GASRESPONSE | X |  |  |  |
| GL3 | Requets for data of reserved capacity | CDSEDIGASREQ | X |  |  |  |
| GL4 | Confirmation/error in request for data of reserved capacity | GASRESPONSE | X |  |  |  |
| GM1 | Request for metered values (interval metering) | CDSEDIGASREQ | X |  |  |  |
| GM2 | Confirmation/error in request for metered values (interval metering) | GASRESPONSE | X |  |  |  |
| GM3 | Request for substitute values (interval metering) | CDSEDIGASREQ | X |  |  |  |
| GM4 | Confirmation/error in request for substitute values (interval metering) | GASRESPONSE | X |  |  |  |
| GM5 | Request for change of accumulation | CDSEDIGASREQ | X |  |  |  |
| GM6 | Confirmation/error in request for change of accumulation | GASRESPONSE | X |  |  |  |
| GM7 | Request for metered values (non-interval metering) | CDSEDIGASREQ | X |  |  |  |
| GM8 | Confirmation/error in request for metered values (non-interval metering) | GASRESPONSE | X |  |  |  |
| GM9 | Request for planned estimate of annual consumption | CDSEDIGASREQ | X |  |  |  |
| GMA | Confirmation/error in request for planned estimate of annual consumption | GASRESPONSE | X |  |  |  |
| GMB | Request for combustible heat | CDSEDIGASREQ | X |  |  |  |
| GMC | Confirmation/error in request for combustible heat | GASRESPONSE | X |  |  |  |
| GMD | Request for distribution capacity | CDSEDIGASREQ | X |  |  |  |
| GME | Confirmation/error in request for distribution capacity | GASRESPONSE | X |  |  |  |
| GMF | Request for transport capacity | CDSEDIGASREQ | X |  |  |  |
| GMG | Confirmation/error in request for transport capacity | GASRESPONSE | X |  |  |  |
| GMH | Request for actual own losses | CDSEDIGASREQ | X |  |  |  |
| GMI | Confirmation/error in request for actual own losses | GASRESPONSE | X |  |  |  |
| GMJ | Request for planned own losses | CDSEDIGASREQ | X |  |  |  |
| GMK | Confirmation/error in request for planned own losses | GASRESPONSE | X |  |  |  |
| GML | Inquiry about aggregated values at BRP | CDSEDIGASREQ | X |  |  |  |
| GMM | Confirmation/error in inquiry about aggregated values at BRP | GASRESPONSE | X |  |  |  |
| GMN | Inquiry about data for DS broken down to A, B, C, CM | CDSEDIGASREQ | X |  |  |  |
| GMO | Confirmation/error in inquiry about data for DS broken down to A, B, C, CM | GASRESPONSE | X |  |  |  |
| GMP | Inquiry about summary values for BRP broken down to A, B, C, CM | CDSEDIGASREQ | X |  |  |  |
| GMQ | Confirmation/error in inquiry about summary values for BRP broken down to A, B, C, CM | GASRESPONSE | X |  |  |  |
| GMR | Inquiry about summary values for BRP and network broken down to A, B, C, CM | CDSEDIGASREQ | X |  |  |  |
| GMS | Confirmation/error in inquiry about summary values for BRP and network broken down to A, B, C, CM | GASRESPONSE | X |  |  |  |
| GMT | Request for C metering day values | CDSEDIGASREQ | X |  |  |  |
| GMU | Confirmation of / Error in request C metering day values | GASRESPONSE | X |  |  |  |
| GMV | Request for planned month consumption | CDSEDIGASREQ | X |  |  |  |
| GMW | Confirmation of / Error in request for planned month consumption | GASRESPONSE | X |  |  |  |
| GMX | Request for day values CM | CDSEDIGASREQ | X |  |  |  |
| GMY | Confirmation of / Error in request for day values CM | GASRESPONSE | X |  |  |  |
| GN1 | Inquiry about nominations of the BRP of all types | CDSEDIGASREQ | X |  |  |  |
| GN2 | Confirmation/error in inquiry about nominations of the BRP | GASRESPONSE | X |  |  |  |
| GN3 | Inquiry about all nominations of transport | CDSEDIGASREQ | X |  |  |  |
| GN4 | Confirmation/error in inquiry about all nominations of transport | GASRESPONSE | X |  |  |  |
| GN5 | Inquiry about all nominations of distribution for the DSO | CDSEDIGASREQ | X |  |  |  |
| GN6 | Confirmation/error in inquiry about all nominations of distribution for the DSO | GASRESPONSE | X |  |  |  |
| GN7 | Inquiry about all nominations of storage for the SSO | CDSEDIGASREQ | X |  |  |  |
| GN8 | Confirmation/error in inquiry about all nominations of storage for the SSO | GASRESPONSE | X |  |  |  |
| GN9 | Inquiry about shipper code list | CDSEDIGASREQ | X |  |  |  |
| GNA | Confirmation/error in inquiry about shipper code list | GASRESPONSE | X |  |  |  |
| GNB | Request for all nomination types for SS - last confirmed | GASRESPONSE | X |  |  |  |
| GNC | Confirmation of / error in request for nominations for given SS of all types - last confirmed | GASRESPONSE | X |  |  |  |
| GO1 | Request for real value histrory (interval metering) | CDSEDIGASREQ | X |  |  |  |
| GO2 | Confirmation/error in request for real value histrory (interval metering) | GASRESPONSE | X |  |  |  |
| GO3 | Request for real value histrory (interval metering) | CDSEDIGASREQ | X |  |  |  |
| GO4 | Request for consumption history C, CM | GASRESPONSE | X |  |  |  |
| GO5 | Request for historic consumption (A,B) | CDSEDIGASREQ | X |  |  |  |
| GO6 | Confirmation of / Error in receiving request for historic consumption (A,B) | GASRESPONSE | X |  |  |  |
| GP1 | Confirmation of / Error in receiving request for consumption history C,CM | CDSGASPOF | X |  |  | X |
| GP2 | Confirmation of acceptance/error in a message with data for invoicing of distribution (DGI) | GASRESPONSE | X |  |  |  |
| GP4 | Inquiry about data for invoicing of distribution (DGI) | CDSGASREQ | X |  |  |  |
| GP5 | Response in case of error in verification of message with data for invoicing of distribution (DGI) | GASRESPONSE | X |  |  |  |
| GP6 | Message with data for invoicing of distribution (DGI) | CDSGASPOF | X |  |  | X |
| GP7 | Electronic invoice | CDSGASINVOICE | X |  |  | X |
| GP8 | Confirmation/error in electrtonic invoice receipt | GASRESPONSE | X |  |  |  |
| GP9 | Request for electronic invoice | CDSGASREQ | X |  |  |  |
| GPA | Confirmation/error in request for electronic invoice | GASRESPONSE | X |  |  |  |
| GPB | Electronic invoice (OTE) | CDSGASINVOICE | X |  |  | X |
| GPC | Request for informaction about electronic invoice handover | CDSGASREQ | X |  |  |  |
| GPD | Confirmation/error in request for informaction about electronic invoice handover | GASRESPONSE | X |  |  |  |
| GPE | Informaction about electronic invoice handover | CDSGASINVOICE | X |  |  | X |
| GR1 | Request for registration/update of PDT | CDSGASMASTERDATA | X |  |  | X |
| GR2 | Confirmation of acceptance/rejection of a message with request for registration/update of PDT | GASRESPONSE | X |  |  |  |
| GR3 | Copy of a message with request for registration/update of PDT | CDSGASMASTERDATA | X |  |  | X |
| GR4 | Request for PDT data | CDSGASREQ | X |  |  |  |
| GR5 | Confirmation of acceptance/rejection of a message with request for PDT data | GASRESPONSE | X |  |  |  |
| GR6 | Copy of a message with request for PDT data | CDSGASMASTERDATA | X |  |  | X |
| GR7 | Information on activation of SLR on PDT (stated) from the date (stated) | CDSGASMASTERDATA | X |  |  | X |
| GR8 | Information about PDT termination | CDSGASMASTERDATA | X |  |  | X |
| GR9 | Information about PDT changes | CDSGASMASTERDATA | X |  |  | X |
| GRA | Information on the termination of the supplier's service and the SS in the PDT (stated) due to failure to provide delivery or assumption of liability for deviation from the date (stated) | CDSGASMASTERDATA | X |  |  | X |
| GRB | Request for PDT data for Security of supply | CDSGASREQ | X |  |  |  |
| GRC | Confirmation of acceptance/rejection of a message with request for PDT data for Security of supply | GASRESPONSE | X |  |  |  |
| GRD | Copy of a message with request for PDT data for Security of supply | CDSGASMASTERDATA | X |  |  | X |
| GRE | Request for list of PDT according to service | CDSGASREQ | X |  |  |  |
| GRF | Error in / Confirmation of request for list of PDT according to service | GASRESPONSE | X |  |  |  |
| GRG | List of PDT according to service | CDSGASMASTERDATA | X |  |  | X |
| GRH | Information about unauthorized consumption | CDSGASMASTERDATA | X |  |  | X |
| GRI | Mass change of supplier / SofS | CDSGASMASTERDATA | X |  |  | X |
| GRX | Request for PDT termination | CDSGASMASTERDATA | X |  |  | X |
| GRY | Confirmation of / Error in request for PDT termination | GASRESPONSE | X |  |  |  |
| GRZ | Copy of request for PDT termination | CDSGASMASTERDATA | X |  |  | X |
| GSD | Request - Day settlement (DMG) | ISOTEREQ | X |  |  |  |
| GSE | Request - Day settlement - error / confirmation (DMG) | RESPONSE | X |  |  |  |
| GSF | Request - Day settlement - Data copy (DMG) | ISOTEDATA | X |  |  | X |
| GT1 | Request for data of normal and actual weather conditions (temperatures) | CDSEDIGASREQ | X |  |  |  |
| GT2 | Confirmation/error in request for data of normal and actual weather conditions (temperatures) | GASRESPONSE | X |  |  |  |
| GT3 | Request for LP data | CDSEDIGASREQ | X |  |  |  |
| GT4 | Confirmation/error in request for LP data | GASRESPONSE | X |  |  |  |
| GT5 | Request for data of temperature correlation coefficient | CDSEDIGASREQ | X |  |  |  |
| GT6 | Confirmation/error in request for data of temperature correlation coefficient | GASRESPONSE | X |  |  |  |
| GT7 | Inquiry about residue diagrams | CDSEDIGASREQ | X |  |  |  |
| GT8 | Confirmation/error in inquiry about residue diagrams | GASRESPONSE | X |  |  |  |
| GT9 | Inquiry about estimated diagram of consumption of a PDT group (C, CM) | CDSEDIGASREQ | X |  |  |  |
| GTA | Confirmation/error in inquiry about estimated diagram of consumption of a PDT group (C, CM) | GASRESPONSE | X |  |  |  |
| GTB | Request for clearing results for PDT | CDSEDIGASREQ | X |  |  |  |
| GTC | Confirmation of / Error in request for clearing results for PDT | GASRESPONSE | X |  |  |  |
| GTD | Request for list of PDT readings submitted to clearing | CDSEDIGASREQ | X |  |  |  |
| GTE | Error in / Confirmation of request for list of PDT readings submitted to clearing | GASRESPONSE | X |  |  |  |
| GTP | Message for sending of predicted and metered average daily temperature | CDSEDIGASREQ | X |  |  |  |
| GTQ | Confirmation of / Error in receiving message for sending of predicted and metered average daily temperature | GASRESPONSE | X |  |  |  |
| GV1 | Order place / replace (IDMG) | ISOTEDATA | X |  |  | X |
| GV2 | Order place / replace - error / confirmation (IDMG) | RESPONSE | X |  |  |  |
| GV3 | Copy of order data - place (IDMG) | ISOTEDATA | X |  |  | X |
| GV4 | Order annulation (IDMG) | ISOTEDATA | X |  |  | X |
| GV5 | Order annulation - error / confirmation (IDMG) | RESPONSE | X |  |  |  |
| GV6 | Copy of order data - annulation (IDMG) | ISOTEDATA | X |  |  | X |
| GV7 | One´s own order data - state request (IDMG) | ISOTEREQ | X |  |  |  |
| GV8 | One´s own order data - state request - error / confirmation (IDMG) | RESPONSE | X |  |  |  |
| GV9 | Copy of order data - one´s own order (IDMG) | ISOTEDATA | X |  |  | X |
| GVA | Trading results nomination sending (IDMG) | ISOTEDATA | X |  |  | X |
| GVB | Trading results nomination sending (IDMG) | ISOTEDATA | X |  |  | X |
| GVC | Trade request - one´s own (IDMG) | ISOTEREQ | X |  |  |  |
| GVD | Trade request - one´s own - error / confirmation (IDMG) | RESPONSE | X |  |  |  |
| GVE | Copy of one´s own trades data (IDMG) | ISOTEDATA | X |  |  | X |
| GVF | Product data request (IDMG) | ISOTEREQ | X |  |  |  |
| GVG | Product data request - error / confirmation (IDMG) | RESPONSE | X |  |  |  |
| GVH | Product master data (IDMG) | ISOTEMASTERDATA | X |  |  | X |
| GVJ | Notification about change of trading screen (IDMG) | RESPONSE | X |  |  |  |
| GVK | Copy of trading screen - market depth (IDMG) | ISOTEDATA | X |  |  | X |
| |  | | --- | | GVN | | Trade request - last known trade price on IDM by GMR | ISOTEREQ | X |  |  |  |
| GVO | Trade response - last known trade price on IDM by GMR | RESPONSE | X |  |  |  |
| GVP | Trade request - last known trade price on IDM by GMR - Copy of data | ISOTEDATA | X |  |  |  |
| GX1 | Request for provision of a message from the queue | COMMONGASREQ | X |  |  |  |
| GX2 | Response – notification that there are no more messages in the message queue | GASRESPONSE | X |  |  |  |
| GX3 | Request for verification of the server-server connection | COMMONGASREQ | X |  |  |  |
| GX4 | Response forwarded to call-back service during verification of the server-server connection | GASRESPONSE | X |  |  |  |
| GX5 | Syntax error in incoming message - error on communication channel level (from message receiver to CDS) | GASRESPONSE | X |  |  |  |
| GX6 | Syntax error in incoming message - error on communication channel level (from CDS to message sender) | GASRESPONSE | X |  |  |  |
| GXA | Notification about expiration of periodic request validity | GASRESPONSE | X |  |  |  |
| 050 | Syntax error in incoming message - error on communication channel level (from CDS to message sender) | GASRESPONSE | X |  |  |  |
| 051 | Syntax error in incoming message - error on communication channel level (from message receiver to CDS) | GASRESPONSE | X |  |  |  |
| 100 | Syntax error - invalid message format (from CDS to message sender) | GASRESPONSE | X |  |  |  |
| 101 | Syntax error - invalid message format (from message receiver to CDS) | GASRESPONSE | X |  |  |  |
| 463 | Financial status limit - request | SFVOTREQ | X |  |  |  |
| 464 | Financial status limit | SFVOTLIMITS | X |  |  | X |
| 465 | Financial status limit - error/confirmation | RESPONSE | X |  |  |  |
| 481 | Setting VDT / VT limit for electricity or VDT for gas | SFVOTSETTINGS | X |  |  |  |
| 484 | Automatic change of the VDT / VT financial limit for electricity or VDT for gas. | SFVOTLIMITCHANGE | X |  |  |  |
| 923 | Request for IS OTE data handover - MarketService | COMMONMARKETREQ | X |  |  |  |
| 924 | Confirmation/error message for sending of request for output data handover - MarketService | RESPONSE | X |  |  |  |
| 981 | Notification, gate open/closure time of RRD/DM has been changed. | ISOTEREQ | X |  |  |  |
| 964 | Požadavek na statistická data zúčtování odchylek | RESPONSE | X |  |  |  |
| 965 | Požadavek na statistická data zúčtování odchylek - chyba / potvrzení | ISOTEDATA | X |  |  | X |
| 966 | Požadavek na statistická data zúčtování odchylek - Opis dat | RESPONSE | X |  |  |  |
| 983 | Notification about BM product aggregation | RESPONSE | X |  |  |  |
| 984 | Notification about BM product announce | RESPONSE | X |  |  |  |
| 985 | Notification about product dealing opening on BM | RESPONSE | X |  |  |  |
| 986 | Notification about product dealing termination on BM | RESPONSE | X |  |  |  |
| 987 | Notification about dealing result finalization of product on BM | RESPONSE | X |  |  |  |
| 988 | Notification about BM product non-announce | RESPONSE | X |  |  |  |
| 994 | Request for server-server connection control and for delivery of non-sent IS OTE messages - MarketService | COMMONMARKETREQ | X |  |  |  |
| 996 | Confirmation of server-server connection control and sending of non-sent messages - MarketService | RESPONSE | X |  |  |  |

# Description of the format according to OTE specification

Provided below is the description of the individual formats of messages used in communication with CS OTE in the area of gas. For each format, there is a brief characteristics, an overview of usage, filling guidlines and refences to XML scheme (\*.XSD) including examples.

Correct functioning of references in a document requires that the files are structured as follows on a workstation (arrows point to the content of the folders) and that the document is launched from this location:



Description of some messages contains the “Reference” message that includes the msg\_code of the message that triggered sending of the message within the general communication scenario (e.g. an inquiry about data and a response to the inquiry).

## CDSGASCLAIM

##### PURPOSE

An XML message in the CDSGASCLAIM format is used for sending data about claims and OTE messages (notice board) for market participants.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Destination** |
| GC1 | Entering/updating a claim | - | Input | RMP | CDS |
| GC3 | Copy of a claim | GC1 | Output | CDS | RMP |
| GC6 | Copy of a claim (upon sending an inquiry) | GC4 | Output | CDS | RMP |
| GC7 | Sending of OTE information | - | Input | RMP | CDS |
| GCA | Copy of OTE message | GC8 | Output | CDS | RMP |

##### Filling cdsgasCLAIM structure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XML attribute** | **M.** | **Lenght** | **Field** | **Description** |
| **CDSGASCLAIM** | X |  |  | Message header |
| id | X | 1 - 35 | Msg id | Unique message identifier |
| message-code | X | 3 | Msg code | Detail of message content |
| date-time | X |  | Msg date and time | Msg creation date and time |
| dtd-version | X | 1 | Schema version | Schema version, filled with constant „1“ |
| dtd-release | X | 1 | Release | Release within version, filled with constant „1“ 1 |
| language |  | 2 | Language | Data language |
| **SenderIdentification** | X |  |  |  |
| id | X | 16 | Sender | EIC of message sender |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **ReceiverIdentification** | X |  |  |  |
| id | X | 16 | Receiver | EIC of message receiver |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **Reference** |  |  |  |  |
| id | X |  | Reference msg id | Reference to preceding message |
| **CLAIM** | X |  |  | 1 for message |
| claim-id |  | 1 - 20 | Claim ID | ID assigned by CS OTE |
| claim-type |  | enum. | Claim type | Claim type by content. Selected from claim type code lists. |
| priority |  | enum. | Priorita | (not used so far) |
| processor |  | 16 | Assignee | Participant assigned to resolve the claim |
| submitter |  | 16 | Submitter | The participant to have submitted the claim |
| date-time |  |  | Date and time of submitting | Date and time of submitting of the claim |
| public |  |  | Attribute of public claim | Determines whether the claim is public, i.e. visible for all participants |
| status |  | enum. | Status | Claim status |
| claim-subject |  | 1 - 100 | Subject | Brief text – subject of claim |
| activity | X | enum. | Activity | Specifies the activity – i.e. either a claim, a change request, an information request or an OTE message. |
| claim-data-cat |  | enum. | Type of claimed data | Type of claimed data – data or results – it is relevant only for some processes related to organised trading. Just an informative item. |
| valid-from |  |  | Platnost od | Data validity from (for OTE message only) |
| valid-to |  |  | Platnost do | Data validity to (for OTE message only) |
| version |  | int | Internal version | Internal version of OTE report |
| template-id |  | long | Internal template | Internal message template identifier |
| **Claim-text** | X |  |  | 1 for message (claim text in the elementu) |
|  |  |  | Text | Text describing the request / claim |
| **Claim-reference** |  |  |  | 0 - N for message |
| obj-type | X | enum. | Object type | Type of referenced object – e.g. PDT, message number, ID of a Block Market product, session date |
| obj-key | X |  | Object ID | ID of referenced object (e.g. EIC) |
| **Attachment** |  |  |  | 0 - N for one message (attachachment content in the element) |
|  |  |  | Attachment | Content of the file; if automatic communication is used, the content shall always be encrypted in Base64. |
| file-name | X | 1 - 100 | File name | Name of attached file |
| content-type | X | 1 - 100 | File type | Type of attached file (doc, txt, jpg, etc.) |
| **Action** |  |  |  | 0 - N for message (action text in the element) |
| action-id |  | 1 - 10 | Action ID | Serial number of action |
| date-time |  |  | Date and time | Date and time of execution of action |
| action-type | X | enum. | Text | Text amended by the participant executing the action (e.g. a statement, response, inquiry, etc.) |

The complex CDSGASCLAIM file in the .xsd format is saved here:

[XML\CDSGASCLAIM](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\CDSGASCLAIM)

##### AN EXAMPLE OF A MESSAGE IN CDSGASCLAIM FORMAT

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Entering / updating a claim (GC1) | [XML\CDSGASCLAIM\EXAMPLES\CDSGASCLAIM\_msg\_code\_GC1.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSGASCLAIM\EXAMPLES\CDSGASCLAIM_msg_code_GC1.xml) |

## CDSGASINVOICE

##### Purpose

XML message in CDSINVOICE format is used for exchange of electronic invoice for distributrion services. The invoice is sent by distributor to supplier.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Destination** |
| GP7 | Electronic invoice | - | Input / Output | DSO  CDS | CDS  Supplier |
| GPB | Electronic invoice (OTE) | GP9 | Output | CDS | RMP |
| GPE | Informaction about electronic invoice handover | GPC | Output | CDS | DSO |

##### Filling cdsgasinvoice structure

Description of filling of chosen attributes is stated bellow.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XML attribute** | **M.** | **Lenght** | **Field** | **Description** |
| **CDSGASINVOICE** | X |  |  | **Message header** |
| id | X | 1 - 35 | Msg id | Unique message identifier |
| message-code | X | 3 | Msg code | Detail of message content |
| date-time | X |  | Msg date and time | Msg creation date and time |
| dtd-version | X | 1 | Schema version | Schema version, filled with constant „1“ |
| dtd-release | X | 1 | Release | Release within version, filled with constant „1“ 1 |
| language |  | 2 | Language | Data language |
| **SenderIdentification** | X |  |  |  |
| id | X | 16 | Sender | EIC of message sender |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **ReceiverIdentification** | X |  |  |  |
| id | X | 16 | Receiver | EIC of message receiver |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **DataProvider** | **X** |  |  |  |
| id | X | 16 | Data provider | EIC of message creator |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **Reference** |  |  |  |  |
| id | X |  | Reference msg id | Reference to preceding message |
| **Document** | X |  |  |  |
| doc-type | X | enum. | Receipt type | Receipt type |
| tax-relevancy | X | enum | Tax yes/no | Tax or non-tax receipt |
| doc-level | X | enum | Receipt level | Main or partial receipt |
| doc-id | X | 12 | Receipt id | Tax receipt number, without leading zeros |
| doc-atn |  |  | Attachments | Number of attachments |
| doc-ver |  | 35 | Version | Receipt version |
| **DocHeader** |  |  |  | **Receipt head** |
| **Party** |  |  |  | **Partner** |
| party-role | X | enum | Role | Partner role |
| **PartyID** |  |  |  | **Partner identification** |
| ident-num |  | 20 | IČ | Identification number (ie. IČ) |
| tax-num |  | 20 | DIČ | Tax identification number |
| comp-register |  | 160 | Trade register | Registration in trade register |
| **BankAccount** |  |  |  | **Bank details** |
| bank-id | X | 15 | Bank code | Bank code |
| account-num | X | 18 | Account | Account number |
| bank-country | X | 3 | State | Bank state |
| bank-name |  | 60 | Name | Bank name |
| iban |  | 24 | Iban | Iban |
| SWIFT-code |  | 8 - 12 | SWIFT | SWIFT code |
| **NameAdress** |  |  |  | **Name and address** |
| name | X | 80 | Name | Partner name |
| county |  |  | Country | Country |
| city |  |  | City | City |
| city-subentity |  |  | District | City district |
| street |  |  | Street | Street |
| house-num |  |  | Descriptive number | Descriptive number |
| house-num2 |  |  | Nunber of direction | Nunber of direction |
| postal-code |  |  | PSČ | PSČ |
| po-box |  |  | PO Box | PO Box |
| **Communication** |  |  |  | **Communication** |
| email |  |  | E-mail | E-mail address |
| www |  |  | WWW | Web pages |
| **Contact** |  |  |  | **Liaison officer** |
| name |  |  | Name | Name |
| tel-num |  |  | Phone | Phone number |
| email |  |  | E-mail | E-mail address |
| function |  |  | Post | Post or role |
| fax |  |  | Fax | Fax number |
| **ReferencePartyID** |  |  |  | **Partner reference number (e.g. in a supplier system)** |
| CustomerID |  |  | Customer | Customer id |
| ContractAccountID |  |  | Contract account | Countract account number |
| **Item** |  |  |  | **Receipt item data** |
| item-type | X | enum | Item type | Item type, constant „G01“ |
| doc-number |  |  | Tax receipt | Tax receipt number |
| **BaseItemDetail** |  |  |  | **Item basic details** |
| item-id |  | 4 | Id | Item number |
| item-text |  |  | Text | Item text |
| quantity |  |  | Quantity | Quantity |
| unit |  | enum | Unit | Measuring unit |
| **PricingDetail** |  |  |  | **Pricing detail** |
| **UnitPrice** |  |  |  | **Unit price** |
| value | X | 31 | Value | Value |
| currency | X | enum | Currency | Currency |
| **ItemNet Value** | **X** |  |  | **Net value** |
| value | X | 31 | Value | Value |
| currency | X | enum | Currency | Currency |
| **Tax** |  |  |  | **Tax** |
| tax-type | X | enum | Type | Tax type |
| tax-percent |  | 2 | Per cent | Tax per cent |
| tax-value |  | 31 | Value | Tax value |
| tax-value-currency |  |  | Currency | Tax value currency |
| **ItemGrossValue** |  |  |  | **Gross value** |
| value | X | 31 | Value | Value |
| currency | X | enum | Currency | Currency |
| **PaymentInfo** |  |  |  | **Payment info** |
| var-symbol |  |  | Var. symbol | Variable symbol |
| const-symbol |  |  | Const. symbol | Constant symbol |
| spec-symbol |  |  | Spec. symbol | Specific symbol |
| **ItemDates** |  |  |  | **Item dates** |
| due-date |  | date | Due date | Due date |
| billing-period-start |  | date | Od | Start of settlement period |
| billing-period-end |  | date | Do | End of settlement period |
| payment-date |  |  | Payment | Date of payment |
| **BillingItem** |  |  |  | **PDT settlement item** |
| item-type |  | enum | Type | Item type |
| **BaseItemDetail** |  |  |  | **Item basic details** |
| item-id |  | 4 | Id | Item number |
| item-text |  |  | Text | Item text |
| quantity |  |  | Quantity | Quantity |
| unit |  | enum | Unit | Measuring unit |
| **PricingDetail** |  |  |  | **Pricing details** |
| **UnitPrice** |  |  |  | **Unit price** |
| value | X | 31 | Value | Value |
| currency | X | enum | Currency | Currency |
| **NetValue** | **X** |  |  | **Net value** |
| value | X | 31 | Value | Value |
| currency | X | enum | Currency | Currency |
| **Tax** |  |  |  | **Tax** |
| tax-type | X | enum | Type | Tax type |
| tax-percent | X | 2 | Per cent | Tax per cent |
| tax-value | X | 31 | Value | Tax value |
| tax-value-currency | X |  | Currency | Tax value currency |
| **GrossValue** |  |  |  | **Gross value** |
| value | X | 31 | Value | Value |
| currency | X | enum | Currency | Currency |
| **ItemDates** |  |  |  | **Item dates** |
| due-date |  | date | Due date | Due date |
| billing-period-start |  | date | Od | Start of settlement period |
| billing-period-end |  | date | Do | End of settlement period |
| **SumItem** |  |  |  | **Receipt summ item** |
| item-type |  | enum | Item | Item type, constant S01 |
| doc-number |  |  | Receipt | Receipt number |
| **BaseItemDetail** |  |  |  | **Item basic details** |
| item-id |  | 4 | Id | Item number |
| item-text |  |  | Text | Item text |
| quantity |  |  | Quantity | Quantity |
| unit |  | enum | Unit | Measuring unit |
| **NetValue** | **X** |  |  | **Net value** |
| value | X | 31 | Value | Value |
| currency | X | enum | Currency | Currency |
| **Tax** |  |  |  | **Tax** |
| tax-type | X | enum | Type | Tax type |
| tax-percent | X | 2 | Per cent | Tax per cent |
| tax-value | X | 31 | Value | Tax value |
| tax-value-currency | X |  | Currency | Tax value currency |
| **GrossValue** |  |  |  | **Gross value** |
| value | X | 31 | Value | Value |
| currency | X | enum | Currency | Currency |
| **PDTblock** |  |  |  | **List of PDT blocks** |
| PDT-id | X | 18 | ID OPM | ID OPM (EIC) |
| premise-id |  |  | Premise | Premise id |
| rate |  |  | Rate | Rate |
| TDD-class | X |  | LP class | LP class |
| cons-band | X |  | Band cosumption | Consumption for band assignment |
| DGI-id | X | 1 - 35 | Receipt | Partial receipt id |

The complete CDSGASINVOICE file in the .xsd format is saved here:

[XML\CDSGASINVOICE](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\CDSGASINVOICE)

##### Exemple of the CDSGASINVOICE message foramat

|  |  |
| --- | --- |
| *Popis* | *Odkaz* |
| Electronic invoice (GP7) | [XML\CDSGASINVOICE\EXAMPLES\CDSGASINVOICE\_msg\_code\_GP7.xml](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\CDSGASINVOICE\EXAMPLES\CDSGASINVOICE_msg_code_GP7.xml) |

## CDSGASPOF

##### PURPOSE

An XML in CDSGASPOF format is used for sending additional data for invoicing of distribution services by the distribution system operator to the gas trader.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GP1 | Data for invoicing of distribution (DGI) | - | Output | DSO | CDS |
| GP6 | Message with invoicing data (DGI) | GP4 | Output | CDS | RMP |

##### FILLING CDSGASPOF STRUCTURE

The below table presents the method of filling of the individual items of a message. The table is divided for a DGI message sent for PDT with metering type A or B and type C or CM.

**Sending of an AB message (PDT type A or B)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Section** | **Name** | **Path to parameter** | **Type** | **Units** |
| **Identification information** | | 1x in Invoice |  |  |
| Invoice header | Highlighted | invoice/head/ |  |  |
| Id dgi | Invoice/head@pofid | string |  |
| EIC PDT | subjects/@opm | EIC | - |
| Invoicing type | atributes/@segment | enum DruhFakturace | - |
| POF number | atributes/@number | CHAR(15) | - |
| Number of cor. invoice | atributes/@SCNumber | CHAR(15) |  |
| Reason of cor. invoice | atributes/@corReason | integer |  |
| Claim id for cor. invoice | atributes/@complId | CHAR(16) |  |
| invoicing period from | @periodFrom | datetime | - |
| invoicing period to | @periodTo | datetime | - |
| Number of aggregated invoice (non-mandatory information) | atributes/@anumber | CHAR(25) | - |
| Total price excl. VAT (non-mandatory information) | @priceTotal | (-) number 12,2 | CZK |
| Total price incl. VAT (non-mandatory information) | @priceTotalDph | (-) number 12,2 | CZK |
|  |  |  | - |
| invoice version | @version | CHAR(15) | - |
| Cancel flag | @cancelled | boolean | - |
| Year recalculated value | @yearReCalculatedValue | číslo 14,2 | kWh |
|  |  |  |  |
| **Metering data** | | 1x in Invoice |  |  |
| PDT A or B |  |  |  |  |
|  | **Distributed volume of gas** | 28..31x in Metering data |  |  |
| Highlighted | invoice/instrumentReading/distributionSum/ |  |  |
| Day | @day | datetime | - |
| Distributed volume | @quantity | (-) number 14,2 | kWh |
| **Price** | 1x in Metering data |  |  |
| Highlighted | invoice/instrumentReading/ |  |  |
| Fixed per unit price of consumed gas | @unitPrice | 9,5 | CZK/kWh |
| Per unit price for activity of market operator settlement | @MOSettlementUnitPrice | 9,5 | CZK/kWh |
| **Agreed values** | | 1x in Invoice |  |  |
| PDT A or B |  |  |  |  |
|  | **Annual distribution contract** | 1x in Agreed values |  |  |
| annual distribution contract | Highlighted | invoice/contractValue/year/ |  |  |
| Volume of allocated distribution capacity | @size | number 14,2 | m3 |
| Number of periods (share of evaluated period in per unit price) | @effect | number 12,12 | - |
| Number of periods (percentage share of evaluated period in per unit price) | @percentage-effect | number 12,12 | - |
| Fixed annual per unit price of daily reserved capacity | @price | number 12,2 | CZK/ thousand m3 |
|  | **Monthly distribution contract** | Nx in Agreed values |  |  |
| monthly distribution contract | Highlighted | invoice/contractValue/month/ |  |  |
| Volume of allocated distribution capacity | @size | number 14,2 | m3 |
| Beginning of validity of allocated distribution capacity | @relevanceFrom | datetime | - |
| End of validity of allocated distribution capacity | @relevanceTo | datetime | - |
| Share of evaluated period in per unit price | @effect | number 12,12 | - |
| Percentage share of evaluated period in per unit price | @percentage-effect | number 12,12 | - |
| Per unit price of daily reserved capacity | @price | number 12,2 | CZK/ thousand m3 |
| Calendar month factor | @monthFactor | number 12,7 | - |
|  | **Flexible distribution contract** | Nx in Agreed values |  |  |
| flexible distribution contract | Highlighted | invoice/contractValue/slide/ |  |  |
| Volume of allocated distribution capacity | @size | number 14,2 | m3 |
| Beginning of validity of allocated distribution capacity | @relevanceFrom | datetime | - |
| End of validity of allocated distribution capacity | @relevanceTo | datetime | - |
| Beginning of validity of allocated distribution capacity in the invoiced month | @monthRelevanceFrom | datetime | - |
| End of validity of allocated distribution capacity in the invoiced month | @monthRelevanceTo | datetime | - |
| Share of evaluated period in per unit price – resulting coefficient for the month | @effect | number 12,12 | - |
| Percentage share of evaluated period in per unit price – resulting coefficient for the month | @percentage-effect | number 12,12 | - |
| Fixed per unit price for daily reserved capacity | @price | number 12,2 | CZK/ thousand m3 |
| Calendar month factor | @monthFactor | number 12,7 | - |
|  | **Exceeding of allocated distribution capacity** | 1x in Agreed values |  |  |
| Exceeding of allocated distribution capacity | Highlighted | invoice/contractValue/overSize/ |  |  |
| Maximum volume of exceeding of allocated distribution capacity | @maxSize | number 14,0 | m3 |
| Date of exceeding | @overDate | date | - |
| Calendar month factor | @monthFactor | number 12,7 | - |
| Fixed per unit price for exceeding daily allocated distribution capacity | @unitPrice | number 12,2 | CZK/ thousand m3 |
|  | **Distribution capacity by hist. maximum** | 1x in Agreed values |  |  |
| Distribution capacity by hist. maximum | Highlighted | invoice/contractValue/maxHistory/ |  |  |
| Volume of allocated distribution capacity | @size | number 14,2 | m3 |
| Number of periods (share of evaluated period in per unit price) | @effect | number 12,12 | - |
| Number of periods (percentage share of evaluated period in per unit price) | @percentage-effect | number 12,12 | - |
| Fixed price | @price | number 12,2 | CZK/ thousand m3 |
| Indefinite interruptible capacity | **Indefinite interruptible capacity** | 1x v in Contracted values |  |  |
| Highlighted | invoice/contractValue/yearInterruptibleCapacity/ |  |  |
| Volume of interruptible capacity | @size | number 14,2 | m3 |
| Number of periods (part of considered on unit price) | @effect | number 12,12 | - |
| Number of periods (percentage part of considered on unit price) | @percentage-effect | number 12,12 | - |
| Fixed annual unit price for daily interruptible capacity | @price | number 12,2 | CZK/ thousand m3 |
| Monthly interruptible capacity | **Monthly interruptible capacity** | Nx in Contracted values |  |  |
| Highlighted | invoice/contractValue/monthInterruptibleCapacity/ |  |  |
| Volume of interruptible capacity | @size | number 14,2 | m3 |
| Beginning of interrubptible capacity validity | @relevanceFrom | datetime | - |
| End of interrubptible capacity validity | @relevanceTo | datetime | - |
| Part of considered on unit price | @effect | number 12,12 | - |
| Percentage part of considered on unit price | @percentage-effect | number 12,12 | - |
| Fixed unit price for daily interruptible capacity | @price | number 12,2 | CZK/ thousand m3 |
| Calendar month factor | @monthFactor | number 12,7 | - |
| **Attachment – Metering data** | | Nx in Invoice |  |  |
| PDT A or B |  |  |  |  |
|  | **Meter identification** | Nx in Metering data |  |  |
| Highlighted | invoice/meters/meter/ |  |  |
| Number of meter: (re-calculator) | @rateId | CHAR(15) | - |
| Type of meter: (re-calculator) | @rateType | CHAR(15) | - |
| Name of meter: (gas meter) | @meterName | CHAR(15) | - |
| Number of meter: (gas meter) | @meterId | CHAR(15) | - |
| Type of meter: (gas meter) | @meterType | CHAR(20) | - |
| Date from: | @from | datetime | - |
| Date to: | @to | datetime | - |
| Original state of meter | @startState | number 14,0 | m3 |
| End state of meter | @endState | number 14,0 | m3 |
| Total consumption per meter | @sumGasM3 | (-) number 14,4 | m3 |
| total consumption per meter | @sumGaskWh | (-) number 14,2 | kWh |
| **Gas consumption** | 28..31x in Meter identification |  |  |
| Highlighted | invoice/meters/meter/dayConsumption/ |  |  |
| Day | @gasday | datetime | - |
| Non-recalculated consumption | @gasConsumption | (-) number 14,0 | m3 |
| Re-calculation coefficient to m3 | @reductionFactor | number 10,4 not sent | - |
| Re-calculated consumption | @reductionConsumption | (-) number 14,4 | m3 |
| Combustible heat volume in kWh/m3 | @flueGasHeat | (-) number 10,4 | kWh/m3 |
| Distributed volume of gas | @sumGas | (-) number 14,2 | kWh |
|  |  |  |  |
| **Other items (fees)** | | Nx in Invoice |  |  |
| **Invoiced item** | Highlighted | invoice/OtherItems |  |  |
| Item type | @itemType | CHAR(4) |  |
| Invoice period from | @periodFrom | date |  |
| Invoice period to | @periodTo | date |  |
| Quantity | @quantity | (-) number 14,2 |  |
| Measure unit | @unit | CHAR(6) |  |
| Coefficient | @effect | (-) number 12,12 |  |
| Coefficient (%) | @percentage-effect | number 12,12 | - |
| Unit price | @unitPrice | number 9,5 |  |
| Total price without VAT | @itemPrice | (-) number 12,2 | CZK |

Rem.: (-) - if present, also negative value can be entered in the field

The Item type code list contains following values (column Item type):

|  |  |
| --- | --- |
| **Item type** | **Description** |
| FXIV | Extra invoice fee |
| FXMR | Extra meter reading fee |
| DFLD | Flood discount |
| DDSC | Dicruption discount |
| FNOP | Unauthorised offtake |

The Measure unit code list contains following values (column Unit):

|  |  |
| --- | --- |
| **Unit** | **Description** |
| pc | Piece |
| m3 | Cubic meter |
| kWh | Kilowatt hour |
|  | Not specified |

The code list of reasons of correctional facturation contains:

|  |  |
| --- | --- |
| **Reason** | **Description** |
| 1 | Correction based on fault learned by distribution system operator |
| 2 | Correction based on claim |

Rem: In case of correctional invoice, the kind of invoice COR will be used no more, but there remains original value. The correction is indicated by providing the correction reason in separate attribute.

**Sending of a CCM message (PDT type C or CM)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Section** | **Name** | **Path to parameter** | **Type** | **Units** |
| **Identification information** | | 1x in Invoice |  |  |
| Invoice header | Highlighted | Invoice/head/ |  |  |
| Id dgi | Invoice/head@pofid | string |  |
| EIC OPM | subjects/@opm | EIC | - |
| Invoicing type | atributes/@segment | enum DruhFakturace | - |
| POF number | atributes/@number | CHAR(15) | - |
| Number of cor. invoice | atributes/@SCNumber | CHAR(15) |  |
| Reason of cor. invoice | atributes/@corReason | integer |  |
| Claim id for cor. invoice | atributes/@complId | CHAR(16) |  |
| invoicing period from | @periodFrom | datetime | - |
| invoicing period to | @periodTo | datetime | - |
| Number of aggregated invoice (non-mandatory information) | atributes/@anumber | CHAR(25) | - |
|  |  |  |  |
| Total price excl. VAT (non-mandatory information) | @priceTotal | (-) number 12,2 | CZK |
| Total price incl. VAT (non-mandatory information) | @priceTotalDph | (-) number 12,2 | CZK |
|  |  |  |  |
| invoice version | @version | CHAR(15) | - |
| Cancel flag | @cancelled | boolean | - |
| Year recalculated value | @yearReCalculatedValue | number 14,2 | kWh |
|  |  |  |  |
| PDT C or CM | **Distributed gas volume** | Nx in Metering data |  |  |
|  | Highlighted | invoice/instrumentReadingC/distributionSum/ |  |  |
|  | Date of beginning of evaluated period | @from | datetime | - |
| Date of end of evaluated period | @to | datetime | - |
| Distributed volume of gas for the evaluated period | @distributionSum | (-) number 14,2 | kWh |
| Fixed per unit price of consumed gas | @unitPrice | 9,5 | CZK/kWh |
| Per unit price for activity of market operator settlement | @MOSettlementUnitPrice | 9,5 | CZK/kWh |
| 1x in Invoice |  |  |  |
| **Agreed values** | |  |  |  |
| PDT C or CM | **Evaluated period** | Nx in Agreed values |  |  |
|  | Highlighted | invoice/contractValueC/period/ |  |  |
|  | Date of beginning of evaluated period | @from | datetime | - |
| Date of end of evaluated period | @to | datetime | - |
| **Calculated distribution capacity** | 1x in Evaluated period |  |  |
|  | Highlighted | invoice/contractValueC/period/ |  |  |
| calculated distribution capacity | Volume of allocated distribution capacity | capacity/@volume | number 14,3 | m3 |
| Share of evaluated period in per unit price | @effect | number 12,12 | - |
| Percentage share of evaluated period in per unit price | @percentage-effect | number 12,12 | - |
| Fixed annual per unit price for daily reserved capacity | @price | number 12,2 | CZK/ thousand m3 |
| **Permanent monthly salary** | 1x in Evaluated period |  |  |
|  | Highlighted | invoice/contractValueC/period/ |  |  |
| Permanent monthly salary | Share of evaluated period in per unit price | payment/@effect | number 12,12 | - |
| Percentage share of evaluated period in per unit price | payment/@percentage-effect | number 12,12 | - |
| Permanent monthly per unit price for furnished capacity | capacity/@rent | number 12,2 | CZK |
| Nx in Invoice |  |  |  |
| **Attachment – Metering data – meters** | |  |  |  |
| PDT C or CM | **Meter identification** | Nx in Metering data |  |  |
|  | Highlighted | invoice/metersC/meter/ |  |  |
|  | Number of meter: (re-calculator) | @rateId | CHAR(15) | - |
| Type of meter: (re-calculator) | @rateType | CHAR(15) | - |
| Name of meter: (gas meter) | @meterName | CHAR(15) | - |
| Number of meter: (gas meter) | @meterId | CHAR(15) | - |
| Type of meter: (gas meter) | @meterType | CHAR(20) | - |
| Date from: | @from | datetime | - |
| Date to: | @to | datetime | - |
| Original state of meter | @startState | number 14,0 | m3 |
| Date of reading | @startReading | datetime | - |
| End state of meter | @endState | number 14,0 | m3 |
| Date of reading | @readingEnd | datetime | - |
| Method of reading | @readingType | enum ReadingType | - |
|  | **Gas consumption** | Nx in Meter identification |  |  |
|  | Highlighted | invoice/metersC/meter/consumption/ |  |  |
|  | Start of period in view | @from | datetime | - |
| End of period in view | @to | datetime | - |
| Difference <end state – orig. state> for invoicing period | @consumption | (-) number 14,0 | m3 |
| Additonally billed consumption | @addBillConsumption | (-) number 14,0 | m3 |
| Re-calculation coefficient to m3 | @factor | number 10,4 | - |
| Re-calculated volume in m3 (15°C, 101,325 kPa, dry) | @renumVolume | (-) number 12,4 | m3 |
| Combustible heat volume for invoiced period in kWh/m3 | @flueGasHead | number 10,4 | kWh/m3 |
| Distributed volume of gas for invoiced period | @distribVolume | (-) number 12,4 | kWh |
|  |  |  |  |
| **Other items (fees)** | | Nx in Invoice |  |  |
| **Invoiced item** | Highlighted | invoice/OtherItems |  |  |
| Item type | @itemType | CHAR(4) |  |
| Invoice period from | @periodFrom | date |  |
| Invoice period to | @periodTo | date |  |
| Quantity | @quantity | (-) number 14,2 |  |
| Measure unit | @unit | CHAR(6) |  |
| Coefficient | @effect | (-) number 12,12 |  |
| Coefficient (%) | @percentage-effect | (-) number 12,12 |  |
| Unit price | @unitPrice | number 9,5 |  |
| Total price without VAT | @itemPrice | (-) number 12,2 | CZK |

Rem.: (-) - if present, also negative value can be entered in the field

The Item type code list contains following values (column Item type):

|  |  |
| --- | --- |
| **Item type** | **Description** |
| FXIV | Extra invoice fee |
| FXMR | Extra meter reading fee |
| DFLD | Flood discount |
| DDSC | Dicruption discount |
| FNOP | Unauthorised offtake |

The Measure unit code list contains following values (column Unit):

|  |  |
| --- | --- |
| **Unit** | **Description** |
| pc | Piece |
| m3 | Cubic meter |
| kWh | Kilowatt hour |
|  | Not specified |

The code list of reasons of correctional facturation contains:

|  |  |
| --- | --- |
| **Reason** | **Description** |
| 1 | Correction based on fault learned by distribution system operator |
| 2 | Correction based on claim |

Rem: In case of correctional invoice, the kind of invoice COR will be used no more, but there remains original value. The correction is indicated by providing the correction reason in separate attribute.

The complete CDSGASPOF file in the.xsd format is saved here:

[XML\CDSGASPOF](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\CDSGASPOF)

##### AN EXAMPLE OF A MESSAGE IN THE CDSGASPOF FORMAT

|  |  |
| --- | --- |
| *Description* | *Reference* |
| DGI data for invoicing of distribution (GP1) | [XML\CDSGASPOF\EXAMPLES\CDSGASPOF\_msg\_code\_GP1\_A.xml](C:\\Documents and Settings\\sedmihradskym\\Desktop\\OTE\\Externi rozhrani\\XML plyn\\Specifikace XML Plyn - 1.14 - poupravene\\XML\\CDSGASPOF\\EXAMPLES\\CDSGASPOF_msg_code_GP1_A.xml)  [XML\CDSGASPOF\EXAMPLES\CDSGASPOF\_msg\_code\_GP1\_AC.xml](C:\\Documents and Settings\\sedmihradskym\\Desktop\\OTE\\Externi rozhrani\\XML plyn\\Specifikace XML Plyn - 1.14 - poupravene\\XML\\CDSGASPOF\\EXAMPLES\\CDSGASPOF_msg_code_GP1_AC.xml)  [XML\CDSGASPOF\EXAMPLES\CDSGASPOF\_msg\_code\_G1\_C.xml](C:\\Documents and Settings\\sedmihradskym\\Desktop\\OTE\\Externi rozhrani\\XML plyn\\Specifikace XML Plyn - 1.14 - poupravene\\XML\\CDSGASPOF\\EXAMPLES\\CDSGASPOF_msg_code_GP1_C.xml) |

## CDSGASREQ

##### PURPOSE

An XML message in the CDSGREQ format is used for requesting a document / message from CDS. The basis of the format represents an approximate equivalent of the REQDOC message by the UN/EDIFACT standard. With regard to communication with the Centre of Data Services (CDS), the format may be used for purposes listed in the below table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Destination** |
| GAR | Request for sending change of supplier status | - | Input | RMP | CDS |
| GB6 | Request for imbalance responsibility transfer | - | Input | RMP | CDS |
| GBJ | Request for assigned observers data | - | Input | RMP | CDS |
| GC4 | Inquiry about claim data | - | Input | RMP | CDS |
| GC8 | Inquiry about OTE messages | - | Input | RMP | CDS |
| GP4 | Inquiry about data for invoicing of distribution (DGI) | - | Input | RMP | CDS |
| GP9 | Request for electronic invoice | - | Input | RMP | CDS |
| GPC | Request for informaction about electronic invoice handover | - | Input | DSO | CDS |
| GR4 | Request for PDT data | - | Input | RMP | CDS |
| GRB | Request for PDT data for Security of supply | - | Input | RMP | CDS |
| GRE | Request for list of PDT according to service | - | Input | RMP | CDS |
| GZ4 | Request for PDT state | - | Input | DSO | CDS |

##### Filling cdsgasREQ structure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XML attribute** | **M.** | **Lenght** | **Field** | **Description** |
| **CDSGASREQ** | **X** |  |  | Message header |
| id | X | 1 - 35 | Msg id | Unique message identifier |
| message-code | X | 3 | Msg code | Detail of message content |
| date-time | X |  | Msg date and time | Msg creation date and time |
| dtd-version | X | 1 | Schema version | Schema version, filled with constant „1“ |
| dtd-release | X | 1 | Release | Release within version, filled with constant „1“ |
| language |  | 2 | Language | Data language |
| **SenderIdentification** | X |  |  |  |
| id | X | 16 | Sender | EIC of message sender |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **ReceiverIdentification** | X |  |  |  |
| id | X | 16 | Receiver | EIC of message receiver |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **Document** |  |  |  |  |
| periodic |  | enum. | Periodocity | Periodocity of sending |
| **Location** | X |  |  | PDT (1-N for message) |
| ext-ui |  | 16 | Point of delivery | EIC of point of delivery |
| date-time-from | X |  | Date and time from | Beginning of requested period |
| date-time-to | X |  | Date and time to | Ending of requested period |
| typm |  | enum. | Type of measurement | Supplementary criterion (type of measurement) |
| grid-id |  | 1 - 10 | Grid | Supplementary criterion dotazu (grid id) |
| anlart |  | enum. | PDT category | Supplementary criterion (PDT category) |
| tdd-class |  | enum. | LP class | Supplementary criterion (LP class) |
| pof-id |  | 12 | POF id | Supplementary criterion (POF id) |
| version |  | enum. | POF version | Supplementary criterion (POF requested versions) |
| claim-method |  | enum. | Claim method | Supplementary criterion (claim method) |
| claim-id |  | 1 - 20 | Claim id | Supplementary criterion (claim id) |
| status |  | enum. | Claim status | Supplementary criterion (claim status) |
| seance |  | enum. | Seance | Supplementary criterion (seance); not used yet |
| import-date-time-from |  |  | Import date and time from | Beginning of asked import date and time (POF requests only) |
| import-date-time-to |  |  | Import date and time to | Ending of asked import date and time (POF requests only) |
| ps-dod |  | 16 | Supplier | Service provider, assigned as supplier |
| ps-sz |  | 16 | Subject of settlement | Service provider, assigned as BRP |
| ps-poz |  | 16 | Guardian | Service provider, assigned as guardian at any position |
| ps-obs |  | 16 | Observer | Service provider, assigned as observer |
| chs-status |  | enum. | Status CHS | Change of supplier processing status |
| categ-cust |  | 3 | Customer category | Customer category (VO – wholesale, SO – middlesale, MO – retail sale, DOM – household) |
| categ-emer |  | 2 | Customer group for state of emergency | Customer group for state of emergency (A, B1, B2, C1, C2, D, D1, D2, E, F). |
| inv-sender |  | 16 | Invoice sender | Electronic invoice sender |
| inv-type |  | enum. | Receipt type | Electronic invoice receipt type |
| inv-doc-id |  | enum. | Receipt number | Electronic invoice receipt number |
| rut-service |  | enum. | Service type | Provider service type |
| rut-identification |  | 16 | Provider | Provider EIC |
| select-method |  | enum. | Select method | Method of selection (used for Secutity of supply request only) |

The complete CDSGASREQ file in the .xsd format is saved here:

[XML\CDSGASREQ](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\CDSGASREQ)

##### AN EXAMPLE OF A MESSAGE IN CDSGREQ FORMAT

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Request for PDT data (GR4) | [XML\CDSGASREQ\EXAMPLE\GASGASREQ\_msg\_code\_GR4.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSGASREQ\EXAMPLES\GASGASREQ_msg_code_GR4.xml) |

## CDSEDIGASREQ

##### PURPOSE

An XML message in the CDSEDIGASREQ format is used for requesting a document / message from CDS in the format according to the EDIGAS standard. The basis of the format represents an approximate equivalent of the REQDOC message by the UN/EDIFACT standard. With regard to communication with the Centre of Data Services (CDS), the format may be used for purposes listed in the below table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Destination** |
| GI1 | Request for preliminary imbalance | - | Input | BRP | CDS |
| GI3 | Request for preliminary allocation difference | - | Input | BRP | CDS |
| GI5 | Request for real metered imbalance | - | Input | BRP | CDS |
| GI7 | Request for real metered allocation difference | - | Input | BRP | CDS |
| GI9 | Request for outher imbalace after including trade with unused tolerance | - | Input | BRP | CDS |
| GIB | Request for closing imbalance | - | Input | BRP | CDS |
| GID | Request for assumed preliminary imbalances | - | Input | BRP | CDS |
| GIF | Request for assumed closing imbalances | - | Input | BRP | CDS |
| GIH | Request for assumed real metered imbalances | - | Input | BRP | CDS |
| GIJ | Request for closing allocation imbalances | - | Input | BRP | CDS |
| GIL | Preliminary daily deviations NC BAL | - | Input | BRP | CDS |
| GIN | Daily deviations NC BAL | - | Input | BRP | CDS |
| GIP | Monthly deviations NC BAL | - | Input | BRP | CDS |
| GIR | Corrective monthly deviations NC BAL | - | Input | BRP | CDS |
| GIT | Account operator status | - | Input | BRP | CDS |
| GJ2 | Account status neutrality | - | Input | BRP | CDS |
| GJ4 | Request for month imbalances LP settlement data | - | Input | BRP | CDS |
| GJ6 | Request for final month imbalances LP settlement data | - | Input | BRP | CDS |
| GJ8 | Request for loss settlement imbalaces | - | Input | BRP | CDS |
| GL1 | Request for data of allocations | - | Input | RMP | CDS |
| GL3 | Request for data of reserved capacity | - | Input | RMP | CDS |
| GM1 | Request for values (interval metering) | - | Input | RMP | CDS |
| GM3 | Request for substitute values (interval metering) | - | Input | RMP | CDS |
| GM5 | Request for change of accumulation | - | Input | RMP | CDS |
| GM7 | Request for metered values (non-interval metering) | - | Input | RMP | CDS |
| GM9 | Request for planned estimate of annual consumption | - | Input | RMP | CDS |
| GMB | Request for combustible heat | - | Input | RMP | CDS |
| GMD | Request for distribution capacity | - | Input | RMP | CDS |
| GMF | Request for transport capacity | - | Input | RMP | CDS |
| GMH | Request for actual own losses | - | Input | RMP | CDS |
| GMJ | Request for planned own losses | - | Input | RMP | CDS |
| GML | Inquiry about aggregated values for BRP | - | Input | RMP | CDS |
| GMN | Inquiry about data for DS broken down to A, B, C, CM | - | Input | RMP | CDS |
| GMP | Inquiry about summary values for BRP broken down to A, B, C, CM | - | Input | RMP | CDS |
| GMR | Inquiry about summary values for BRP and grid broken down to A, B, C, CM | - | Input | RMP | CDS |
| GMT | Request for C metering day values | - | Input | RMP | CDS |
| GMV | Request for planned month consumption | - | Input | RMP | CDS |
| GMX | Request for day values CM | - | Input | RMP | CDS |
| GO1 | Request for real value histrory (interval metering) | - | Input | Supplier | CDS |
| GO3 | Request for consumption history C, CM | - | Input | RMP | CDS |
| GO5 | Request for historic consumption (A,B) | - | Input | RMP | CDS |
| GN1 | Inquiry about nominations of the BRP of all types | - | Input | BRP | CDS |
| GN3 | Inquiry about all nominations of transport | - | Input | TSO | CDS |
| GN5 | Inquiry about all nominations of distribution of the DSO | - | Input | DSO | CDS |
| GN7 | Inquiry about all nominations of storage for the SSO | - | Input | SSO | CDS |
| GN9 | Inquiry about shipper code list | - | Input | DSO / TSO | CDS |
| GNB | Request for all nomination types for SS - last confirmed | - | Input | BRP | CDS |
| GT1 | Request for data of normal and actual weather conditions (temperatures) | - | Input | RMP | CDS |
| GT3 | Request for LP data | - | Input | RMP | CDS |
| GT5 | Request for data of correction coefficient for temperature | - | Input | RMP | CDS |
| GT7 | Inquiry about residual diagrams | - | Input | RMP | CDS |
| GT9 | Request for estimated consumption diagram for group of PoD (C, CM) | - | Input | RMP | CDS |
| GTB | Request for clearing results for PDT | - | Input | RMP | CDS |
| GTD | Request for list of PDT readings submitted to clearing | - | Input | RMP | CDS |

##### Filling CDSEDIGASREQ structure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XML attribute** | **M.** | **Lenght** | **Field** | **Description** |
| **CDSEDIGASREQ** | **X** |  |  | Message header |
| id | X | 1 - 35 | Msg id | Unique message identifier |
| message-code | X | 3 | Msg code | Detail of message content |
| date-time | X |  | Msg date and time | Msg creation date and time |
| dtd-version | X | 1 | Schema version | Schema version, filled with constant „1“ |
| dtd-release | X | 1 | Release | Release within version, filled with constant „1“ |
| language |  | 2 | Language | Data language |
| **SenderIdentification** | X |  |  |  |
| id | X | 16 | Sender | EIC of message sender |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **ReceiverIdentification** | X |  |  |  |
| id | X | 16 | Receiver | EIC of message receiver |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **Document** |  |  |  |  |
| periodic |  | enum. | Periodocity | Periodocity of sending |
| **Location** | X |  |  | PDT (1-N for message) |
| ext-ui |  | 16 | Point of delivery | EIC of point of delivery |
| date-time-from | X |  | Date and time from | Beginning of requested period |
| date-time-to | X |  | Date and time to | Ending of requested period |
| grid-id |  | 1.10 | Grid | Supplementary criterion dotazu (grid id) |
| typm |  | enum. | Type of measurement | Supplementary criterion (type of measurement) |
| anlart |  | enum. | PDT category | Supplementary criterion (PDT category) |
| tdd-class |  | 1 - 3 | LP class | Supplementary criterion (LP class) |
| version |  | enum. | Data version | Supplementary criterion (data version regarding imbalance settlement) |
| import-date-time-from |  |  | Data import from | Data import period from (used for entering cleared period); Reported month for Security of Supply |
| import-date-time-to |  |  | Data import to | Data import period to (used for entering cleared period); Reported month for Security of Supply |
| select-method |  | enum. | Select method | Method of selection (used for meter readings request and master data for Security of Supply only) |
| categ-cust |  | 3 | Customer category | Customer category (VO – wholesale, SO – middlesale, MO – retail sale, DOM – household) |
| categ-emer |  | 2 | Customer group for state of emergency | Customer group for state of emergency (A, B1, B2, C1, C2, D, D1, D2, E, F). |

The complete CDSEDIGASREQ file in the.xsd format is saved here:

[XML\CDSEDIGASREQ](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\CDSEDIGASREQ)

##### an example of a CDSEDIGASREQ format message

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Request for current version data (interval metering) (GM1) | [XML/CDSEDIGASREQ/EXAMPLES/CDSEDIGASREQ\_msg\_code\_GM1.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSEDIGASREQ\EXAMPLES\CDSEDIGASREQ_msg_code_GM1.xml) |

## COMMONGASREQ

##### purpose

An XML message in the COMMONGASREQ format is used for requesting data of asynchronously processed messages, for verifying the connection with CDS and for sending requests for provision of unsent messages. The basis of the format represents an approximate equivalent of the REQDOC message by the UN/EDIFACT standard. With regard to communication with the Centre of Data Services (CDS), the format may be used for purposes listed in the below table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Destination** |
| GX1 | Request for provision of data of asynchronous requests | - | Input | Service provider | WAS (VVT) |
| GX3 | Request for verification of server-server connection and for provision of unsent messages of IS OTE | - | Input | External entity | WAS (VVT) |

##### Filling COMMONgasREQ structure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XML attribute** | **M.** | **Lenght** | **Field** | **Description** |
| **COMMONGASREQ** | **X** |  |  | Hlavička zprávy |
| id | X | 1 - 35 | Msg id | Unique message identifier |
| message-code | X | 3 | Msg code | Detail of message content |
| date-time | X |  | Msg date and time | Msg creation date and time |
| dtd-version | X | 1 | Schema version | Schema version, filled with constant „1“ |
| dtd-release | X | 1 | Release | Release within version, filled with constant „1“ 1 |
| language |  | 2 | Language | Data language |
| **SenderIdentification** | X |  |  |  |
| id | X | 16 | Sender | EIC of message sender |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **ReceiverIdentification** | X |  |  |  |
| id | X | 16 | Receiver | EIC of message receiver |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **Document** |  |  |  |  |
| market |  | enum. | Market | Type of market (not used yet) |
| task-id |  | 1 - 10 | Task id | Task id within asynchronous data exchange |

The complete COMMONGASREQ file in the .xsd format is saved here:

[XML/COMMONGASREQ](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\COMMONGASREQ)

##### an example of a COMMONGASREQ format message

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Request for provision of data of asynchronous requests (GX1) | [XML/COMMONGASREQ/EXAMPLE/COMMONGASREQ\_msg\_code\_GX1.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\COMMONGASREQ\EXAMPLES\COMMONGASREQ_msg_code_GX1.xml) |

## COMMONMARKETREQ

##### purpose

XML message in COMMONMARKETREQ format is used to request for non-synchronous proceeded data, for CDS connection control and for request for handover unsended messages within MarketService. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 923 | Request for IS OTE data handover - MarketService | - | Input | Service provider | WAS (IM&BM) |
| 994 | Request for server-server connection control and for delivery of non-sent IS OTE messages - MarketService | - | Input | Service provider | WAS (IM&BM) |

##### Filling COMMONMARKETREQ structure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XML attribute** | **M.** | **Lenght** | **Field** | **Description** |
| **COMMONMARKETREQ** | **X** |  |  | Hlavička zprávy |
| id | X | 1 - 35 | Msg id | Unique message identifier |
| message-code | X | 3 | Msg code | Detail of message content |
| date-time | X |  | Msg date and time | Msg creation date and time |
| dtd-version | X | 1 | Schema version | Schema version, filled with constant „1“ |
| dtd-release | X | 1 | Release | Release within version, filled with constant „1“ 1 |
| language |  | 2 | Language | Data language |
| **SenderIdentification** | X |  |  |  |
| id | X | 16 | Sender | EIC of message sender |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **ReceiverIdentification** | X |  |  |  |
| id | X | 16 | Receiver | EIC of message receiver |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **Document** |  |  |  |  |
| market |  | enum. | Market | Type of market (not used yet) |
| task-id |  | 1 - 10 | Task id | Task id within asynchronous data exchange |

Full message scheme COMMONMARKETREQ in .xsd format can be found here:

[XML\COMMONMARKETREQ](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\COMMONMARKETREQ)

##### exemple of COMMONMARKETREQ format message

Message structure is identical with exemple of CDSGASREQ message format.

## CDSGASMASTERDATA

##### purpose

An XML message in the CDSGASMASTERDATA format is used for exchanging information about points of delivery between market participants and CDS. The basis of the format represents an approximate equivalent of the PRODAT message by the UN/EDIFACT standard. With regard to communication with the Centre of Data Services (CDS), the format may be used for purposes listed in the below table.

The message has universal use for the individual steps of processing a change of supplier; it performs different functions determined by the function code in the message header.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Destination** |
| GA1 | Request for a change of supplier | - | Input | RMP | CDS |
| GA3 | Copy of a request for change of supplier | GA1 | Output | CDS | RMP |
| GA4 | Message about possible reservation of distribution or transport capacity | - | Input | TSO / DSO | CDS |
| GA6 | Copy of a message about possible reservation of distribution or transport capacity | GA4 | Output | CDS | BRP, TSO/DSO |
| GA7 | Request for continuation of gas supplies at the point of delivery (valid till 31.12.2014) | - | Output | CDS | Supp., BRP |
| GA8 | Request for suspension of the change of supplier process | - | Input | Supp. | CDS |
| GAA | Copy of a report with request for suspension of the change of supplier process | GA8 | Output | CDS | Supp., BRP |
| GAB | Confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | - | Input | BRP | CDS |
| GAD | Copy of a confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | GAB | Output | CDS | TSO / DSO, BRP, Supp. |
| GAE | Confirmation of customer consent with change of supplier | - | Input | Supp. | CDS |
| GAG | Copy of confirmation of customer consent with change of supplier | GAE | Output | CDS | Supp. |
| GAH | Confirmation/rejection of continuation of gas supplies at the point of delivery by the existing supplier and its balance responsible party (valid till 31.12.2014) | - | Input | BRP, Supp. | CDS |
| GAJ | Copy of confirmation/rejection of continuation of gas supplies at the point of delivery by the existing supplier and its balance responsible party (valid till 31.12.2014) | GAH | Output | CDS | TSO / DSO, BRP, Supp |
| GAK | Results of evaluation of request for change of supplier | - | Output | CDS | TSO / DSO, BRP, Supp. |
| GAL | Request for change of balance responsible party at the PDT | - | Input | BRP, Supp. | CDS |
| GAN | Copy of a request for change of balance responsible party | GAL | Output | CDS | BRP, Supp. |
| GAO | Approval/rejection of a request for change of balance responsible party by the balance responsible party | - | Input | BRP | CDS |
| GAQ | Copy of approval/rejection of a request for change of balance responsible party by the balance responsible party | GAO | Output | CDS | BRP |
| GAT | Statement from the journal of change of supplier | GAR | Output | CDS | RMP |
| GAU | SS has no financial collateral to cover its obligations at the PDT (stated) as of the date (stated) | - | Output | CDS | RMP |
| GAV | There is no delivery to the PDT (stated) from the date (stated) | - | Output | CDS | RMP |
| GAW | There is no assurance of the assumption of the liability for the deviation in the PDT (stated) from the date (stated) | - | Output | CDS | RMP |
| GAX | No liability for deviation in the PDT has been assumed (as stated) from the date (stated) | - | Output | CDS | RMP |
| GAZ | Information about RMP locking at PDT | - | Output | CDS | RMP |
| GB1 | Request for registration of imbalance responsibility transfer | - | Input | RMP | CDS |
| GB3 | Information about registration of imbalance responsibility transfer | GB1 | Output | CDS | RMP, BRP |
| GB4 | Approbation / Refusal of imbalance responsibility transfer | GB3 | Input | BRP | CDS |
| GB8 | Information about imbalance responsibility transfer (on request) | GB6 | Output | CDS | RMP |
| GBA | Request for extension / reduction of supply by current supplier | - | Input | RMP | CDS |
| GBC | Copy of the request for extension / reduction of supply by current supplier | GBA | Output | CDS | RMP |
| GBD | Approbation with imb. resp. transfer within supply extension / reduction | - | Input | Sup. | CDS |
| GBF | Copy of the approbation with imb. resp. transfer within supply extension / reduction | GBD | Output | CDS | RMP |
| GBG | Request for assigning an observer to PDT | - | Input | BRP, DSO / TSO | CDS |
| GBI | Information about observer assignement to PDT | GBG | Output | CDS | RMP |
| GBL | Assigned observers data | GBJ | Output | CDS | RMP |
| GBM | Copy of the change of supplier progress information | - | Output | CDS | RMP |
| GR1 | Request for registration / update of PDT | - | Input | TSO / DSO | CDS |
| GR3 | Copy of a message with request for registration / update of PDT | GR1 | Output | CDS | DSO / TSO |
| GR6 | Copy of a message with request for PDT data | GR4 | Output | CDS | RMP |
| GR7 | Information on activation of SLR on PDT (stated) from the date (stated) | - | Output | CDS | RMP |
| GR8 | Information about termination of PDT | - | Output | CDS | RMP |
| GR9 | Information about PDT changes | - | Output | CDS | RMP |
| GRA | Information on the termination of the supplier's service and the SS in the PDT (stated) due to failure to provide delivery or assumption of liability for deviation from the date (stated) | - | Output | CDS | RMP |
| GRD | Copy of a message with request for PDT data for Security of supply | GR4 | Output | CDS | RMP |
| GRG | List of PDT according to service | GRE | Output | CDS | RMP |
| GRH | Information about unauthorized consumption | - | Output | CDS | RMP |
| GRI | Mass change of supplier / SofS | - | Output | CDS | RMP |
| GRX | Request for PDT termination | - | Input | TSO / DSO | CDS |
| GRZ | Copy of request for PDT termination | GRX | Output | CDS | RMP |
| GZ1 | Ex post PDT registration |  | Input | CDS | DSO |
| GZ3 | Ex post PDT registration – copy | GZ1 | Output | DSO | CDS |
| GZ6 | PDT state | GZ4 | Output | DSO | CDS |

##### Filling CDSGASMASTERDATA structure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XML attribute** | **M.** | **Lenght** | **Field** | **Description** |
| **CDSGASMASTER DATA** | X |  |  | Message header |
| id | X | 1 - 35 | Msg id | Unique message identifier |
| message-code | X | 3 | Msg code | Detail of message content |
| date-time | X |  | Msg date and time | Msg creation date and time |
| dtd-version | X | 1 | Schema version | Schema version, filled with constant „1“ |
| dtd-release | X | 1 | Release | Release within version, filled with constant „1“ |
| language |  | 2 | Language | Data language |
| split-counter |  | 5 | Message order | Message order within response |
| split-last |  | 1 | Last message | Last message |
| **SenderIdentification** | X |  |  |  |
| id | X | 16 | Sender | EIC of message sender |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **ReceiverIdentification** | X |  |  |  |
| id | X | 16 | Receiver | EIC of message receiver |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **Reference** |  |  |  |  |
| id | X |  | Reference msg id | Reference to preceding message |
| **OPM** | Xor |  |  | 1 - N for PDT master data message |
| ext-ui | X | 16 | Point of delivery | EIC of point of delivery |
| date-from |  |  | Date from | Validity period from |
| date-to |  |  | Date to | Validity period to |
| uitext |  | 0 - 60 | PDT name | Description of PDT |
| anlart |  | enum. | PDT category | Numeric expression of PDT category |
| typm |  | enum. | Type of measurement |  |
| grid-id |  | 1 - 10 | Grid | Numeric expression of grid |
| grid-id-ps |  | 1 - 10 | Adjacent grid | Numeric expression of adjacent grid (case points of transfer) |
| partner |  | 16 | PDT owner | EIC of PDT owner |
| tdd-class |  | enum. | LP class | Numeric expression of LP class |
| est-cons |  | 12 | Estimed consumption | Estimed year consumption unit kWh |
| est-cons-2 |  | 12 | Estimed consumption | Estimed year consumption unit m3 |
| city |  | 0 - 40 | City |  |
| post-code |  | 5 | Post code | Post code without space |
| street |  | 0 - 60 | Street |  |
| house-num |  | 0 - 10 | Building number | Orientational or descriptive number |
| pof-type |  | enum. | POF type | Type of sent grid usage invoicing message |
| pof-freq |  | 1 - 2 | POF sent cycle | Number of supposed reading cycles pro year |
| mr-first |  | 1 - 2 | First meter reading | Montrh of supposed first meter reading |
| resrv-cap |  | 12 | Reserved capacity | Reserved capacity unit m3 |
| resrv-cap-k |  | 12 | Reserved capacity in kWh | Reserved capacity unit kWh |
| mrsend-susp |  |  | Data sending suspension | Setting or information about suspension of PDT data sending |
| dpi-disable |  |  | DPI disable | PDT can not be switched to the mode of supplier of the last resort (DPI) |
| source |  | enum. | Source type | Source type (for combined PDTs) |
| dpi-active |  |  | DPI active | PDT was switched to the mode of supplier of the last resort (DPI) |
| alloc-sch-entry |  | enum. | Allocation entry | Allocation schema at the entry |
| alloc-sch-exit |  | enum. | Allocation exit | Allocation schema at the exit |
| sopm |  | 16 | Adjacent PDT | EIC of the adjacent PDT (for specify mirror PDT at point of transfer) |
| opm-sum |  | 16 | Summary OPM | EIC of summary PDT (if PDT excluded from sum for the network) |
| info-text |  | 0 - 60 | Information about changes | Information about changes at PDT |
| ps-dod |  | 16 | Supplier | PDT service provider in the role of supplier |
| ps-sz |  | 16 | Subject of settlement | PDT service provider in the role of balance responsible party |
| ps-poz-1 |  | 16 | Guardian at position 1 | PDT service provider in the role of guardian at position 1 |
| ps-poz-2 |  | 16 | Guardian at position 2 | PDT service provider in the role of guardian at position 2 |
| ps-poz-3 |  | 16 | Guardian at position 3 | PDT service provider in the role of guardian at position 3 |
| ps-poz-4 |  | 16 | Guardian at position 4 | PDT service provider in the role of guardian at position 4 |
| ps-poz-5 |  | 16 | Guardian at position 5 | PDT service provider in the role of guardian at position 5 |
| ps-obs |  | 16 | Observer | PDT service provider in the role of observer |
| fc-grp |  | 2 | Forcast group | Group of PDT, the PDT belong to for predicted consumption calculation. |
| categ-cust |  | 3 | Customer category | Customer category (VO – wholesale, SO – middlesale, MO – retail sale, DOM – household) |
| categ-emer |  | 2 | Customer group for state of emergency | Customer group for state of emergency (A, B1, B2, C1, C2, D, E, F). |
| status-supp |  | 3 | Status of supply | Status of supply |
| rut-lock-date |  |  | Date of PID lockout | Date of PID lockout |
| rut-lock-eic |  |  | EIC code locked PID | EIC code locked PID |
| **Data** | Xor |  |  | 1 - N for message with change of services |
| opm-id |  | 16 | Point of delivery | EIC of point of delivery |
| start-date | X |  | Date from | Beginning of period requested for service change |
| end-date | X |  | Date to | Ending of period requested for service change |
| process-status |  | enum. | Process status | Process status of change of supplier |
| reg-needed |  |  | Registration needed | Request for PDT registration (PDT concerned in changed of supplier process) |
| chs-type |  | enum. | Change type | Type of service change or kind of change of supplier process |
| contract-type |  | enum. | Contract type | Contract type regarding provided services |
| rejection-reason |  |  | Rejection reason | Change of supplier rejection reason |
| rzu-reason |  | 1 - 20 | Change reason | Reason for change of supplier in the form of registration data change |
| chs-reason |  | enum. | Change reason | Reason for standart change of supplier |
| contract-negotiation-type |  | enum. | Contract negotiation type | Contract negotiation type for standart change of supplier |
| **Workflow** |  |  |  | 0 - 1 for message |
| id | X | 1 - 12 | Workflow id | Change of supplier process id |
| date-time-start |  |  | Change of supplier start | Change of supplier start date and time |
| date-time-eval |  |  | Change of supplier evaluation | Change of supplier evaluation date and time |
| ref-wf-id |  | 1 - 12 | Ref. workflow id | Id of referenced workflow |
| **Party** |  |  |  | 0 - 14 for message |
| id |  | 16 | Service provider | Service provider (EIC), featuring in service change process |
| role | X | enum. | Service provider role | Service provider role |
| **Activity** | X |  |  | 1 - N for message |
| type | X | enum. | Action type | Action type within change of supplier process |
| party |  | 16 | Service provider | Service provider (EIC), performing the action |
| date-time |  |  | Date and time | Action date and time (supplied by OTE) |
| comment |  |  | Comment | Action additional information |
| reason |  | enum. | Activity reason | Activity reason |

The complete CDSGASMASTERDATA file in the .xsd format is saved here:

[XML\CDSGASMASTERDATA](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\CDSGASMASTERDATA)

##### an example of a CDSGASMASTERDATA format message

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Request for registration / update of PDT (GR1) | [XML/CDSGASMASTERDATA/EXAMPLE/CDSGASMASTERDATA\_msg\_code\_GR1.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSGASMASTERDATA\EXAMPLES\CDSGASMASTERDATA_msg_code_GR1.xml) |
| Messages for change of supplier | Set of messages: [XML/CDSGASMASTERDATA/EXAMPLES](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSGASMASTERDATA\EXAMPLES)  Description of examples is provided in the document: [XML\CDSGASMASTERDATA\EXAMPLES\CS\_OTE\_Plyn\_Zmenadod\_priklady\_popis.xls](C:\\Documents and Settings\\sedmihradskym\\Desktop\\OTE\\Externi rozhrani\\XML plyn\\Specifikace XML Plyn - 1.14 - poupravene\\XML\\CDSGASMASTERDATA\\EXAMPLES\\CS_OTE_Plyn_Zmenadod_priklady_popis.xls) |
| Request for registration of imbalance responsibility transfer (GB1) | [XML/CDSGASMASTERDATA/EXAMPLES/CDSGASMASTERDATA\_msg\_code\_GB1\_zadost.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSGASMASTERDATA\EXAMPLES\CDSGASMASTERDATA_msg_code_GB1_zadost.xml) |
| Information about registration of imbalance responsibility transfer (GB3) - copy sent to the proposed BRP | [XML\CDSGASMASTERDATA\EXAMPLES\CDSGASMASTERDATA\_msg\_code\_GB3\_opis\_zadosti\_na\_noveho.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSGASMASTERDATA\EXAMPLES\CDSGASMASTERDATA_msg_code_GB3_opis_zadosti_na_noveho.xml) |
| Approbation / Refusal of imbalance responsibility transfer (GB4) | [XML\CDSGASMASTERDATA\EXAMPLES\CDSGASMASTERDATA\_msg\_code\_GB4\_vyjadreni\_noveho.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSGASMASTERDATA\EXAMPLES\CDSGASMASTERDATA_msg_code_GB4_vyjadreni_noveho.xml) |
| Request for assigning an observer to PDT (GBG) | [XML\CDSGASMASTERDATA\EXAMPLES\CDSGASMASTERDATA\_msg\_code\_GBG.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSGASMASTERDATA\EXAMPLES\CDSGASMASTERDATA_msg_code_GBG.xml) |

## GASRESPONSE

##### purpose

An XML message in the GASRESPONSE format is used for confirmation of data exchange between market participants and CDS. The basis of the format represents an approximate equivalent of the CONTRL and APERAK messages by the UN/EDIFACT standard. With regard to communication with the Centre of Data Services (CDS), the format may be used for purposes listed in the below table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Destination** |
| GA2 | Confirmation of acceptance/rejection of a request for change of supplier (if response is not required, then only in case it is required) | GA1 | Output | CDS | RMP |
| GA5 | Confirmation of acceptance/rejection of a message about possible reservation of distribution or transport capacity | GA4 | Output | CDS | DSO/TSO |
| GA9 | Confirmation of acceptance/rejection of a message with a request for suspension of the change of supplier process | GA8 | Output | CDS | Supp. |
| GAC | Confirmation of acceptance/rejection of a message with confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | GAB | Output | CDS | BRP |
| GAF | Confirmation of acceptance/rejection of a message with confirmation of customer’s consent with change of supplier | GAE | Output | CDS | Supp. |
| GAI | Confirmation of acceptance/rejection of a message with confirmation/rejection of continuation of gas supplies at the point of delivery (valid till 31.12.2014) | GAH | Output | CDS | BRP, Supp. |
| GAM | Sending of confirmation of acceptance/rejection of a request for change of balance responsible party | GAL | Output | CDS | BRP, Supp. |
| GAP | Sending of confirmation of acceptance/rejection of a request for change of balance responsible party by the balance responsible party | GAO | Output | CDS | BRP |
| GAS | Confirmation/error in a request for statement from the journal of change of supplier | GAR | Output | CDS | RMP |
| GB2 | Confirmation of / Error in request for registration of imbalance responsibility transfer receiving | GB1 | Output | CDS | RMP |
| GB5 | Confirmation of / Error in approbation / refusal of imbalance responsibility transfer receivnig | GB4 | Output | CDS | BRP |
| GB7 | Confirmation of / Error in request for imbalance responsibility transfer receiving | GB6 | Output | CDS | RMP |
| GBB | Confirmation of / Error in request for extension / reduction of supply by current supplier | GBA | Output | CDS | RMP |
| GBE | Confirmation of / Error in approbation with imb. resp. transfer within supply extension / reduction | GBD | Output | CDS | Supp. |
| GBH | Error in / Confirmation of request for assigning an observer to PDT receiving | GBG | Output | CDS | RMP |
| GBK | Error in / confirmation of assigned observers request receiving | GBJ | Output | CDS | RMP |
| GC2 | Acceptance/error of a sent claim | GC1 | Output | CDS | RMP |
| GC5 | Acceptance/error in an inquiry about claim data | GC4 | Output | CDS | RMP |
| GC9 | Confirmation/error in an inquiry about OTE messages | GC8 | Output | CDS | RMP |
| GF3 | Invoicing base data - error/confirmation | GF1 | Output | CDS | RMP |
| GF6 | OTE invoicing base data - error/confirmation | GF4 | Output | CDS | RMP |
| GF9 | Payments and refunds overview - error/confirmation | GF7 | Output | CDS | RMP |
| GFC | OTE payments and refunds overview - error/confirmation | GFB | Output | CDS | RMP |
| GFF | Payments and refunds overview - error/confirmation | GFD | Output | CDS | RMP |
| GFI | OTE LP differences settlement - error/confirmation | GFG | Output | CDS | RMP |
| GFL | Invoicing base data - summary - confirmation / error | GFJ | Output | CDS | RMP |
| GFO | OTE invoicing base data - summary - confirmation / error | GFM | Output | CDS | RMP |
| GFR | Claim overview - summary - confirmation / error | GFQ | Output | CDS | RMP |
| GFU | OTE Claim overview - summary - confirmation / error | GFS | Output | CDS | RMP |
| GFX | LPG netting - confirmation/error | GFV | Output | CDS | RMP |
| GG1 | Loss clearing - confirmation/error | GFY | Output | CDS | RMP |
| GG4 | Loss clearing OTE - confirmation/error | GG2 | Output | CDS | RMP |
| GG7 | Final Settlement of Clearing Differences - confirmation/error | GG5 | Output | CDS | RMP |
| GGA | Final Settlement of Clearing Differences OTE - confirmation/error | GG8 | Output | CDS | RMP |
| GGD | OTE settlement rate - confirmation/error | GGB | Output | CDS | RMP |
| GGG | Confirmed /error - monthly evaluation of imbalances | GGE | Output | CDS | RUT |
| GGJ | Confirmed /error – Final monthly evaluation of imbalances | GGH | Output | CDS | RUT |
| GI2 | Confirmation/error in a request for data of preliminary imbalance | GI1 | Output | CDS | BRP |
| GI4 | Confirmation/error in a request for preliminary difference in allocations | GI3 | Output | CDS | BRP |
| GI6 | Confirmation/error in a request for data of actual imbalance | GI5 | Output | CDS | BRP |
| GI8 | Confirmation/error in a request for actual difference in allocations | GI7 | Output | CDS | BRP |
| GIA | Confirmation/error in a request for off-tolerance imbalances | GI9 | Output | CDS | BRP |
| GIC | Confirmation/error in a request for corrective imbalances | GIB | Output | CDS | BRP |
| GIE | Confirmation of / Error in request for assumed preliminary imbalances | GID | Output | CDS | BRP |
| GIG | Confirmation of / Error in request for assumed real metered imbalances | GIF | Output | CDS | BRP |
| GII | Confirmation of / Error in request for assumed closing imbalances | GIH | Output | CDS | BRP |
| GIK | Confirmation of / Error in request for closing allocation imbalances | GIJ | Output | CDS | BRP |
| GIM | Confirmation / Error - preliminary daily deviations NC BAL | GIL | Output | CDS | BRP |
| GIO | Confirmation / Error - daily deviations NC BAL | GIN | Output | CDS | BRP |
| GIQ | Confirmation / Error - monthly deviations NC BAL | GIP | Output | CDS | BRP |
| GIS | Confirmation / Error - corrective monthly deviations NC BAL | GIR | Output | CDS | BRP |
| GIU | Confirmation / Error - Account operator status | GIT | Output | CDS | BRP |
| GJ3 | Confirmation / Error - Account neutrality status | GJ2 | Output | CDS | BRP |
| GJ5 | Confirmation of / Error in request for month imbalances LP settlement data | GJ4 | Output | CDS | BRP |
| GJ7 | Confirmation of / Error in request for final month imbalances LP settlement data | GJ6 | Output | CDS | BRP |
| GJ9 | Confirmation of / Error in request for loss settlement imbalaces | GJ8 | Output | CDS | BRP |
| GL2 | Confirmation/error in a requst for allocation data | GL1 | Output | CDS | RMP |
| GL4 | Confirmation/error in a request for preliminary difference in allocations | GL3 | Output | CDS | RMP |
| GM2 | Confirmation/error in a request for metered values (interval metering) | GM1 | Output | CDS | RMP |
| GM4 | Confirmation/error in a request for substitute values (interval metering) | GM3 | Output | CDS | RMP |
| GM6 | Confirmation/error in a request for change of accumulation | GM5 | Output | CDS | RMP |
| GM8 | Confirmation/error in a request for actual values (non-interval metering) | GM7 | Output | CDS | RMP |
| GMA | Confirmation/error in a request for planned estimate of annual consumption | GM9 | Output | CDS | RMP |
| GMC | Confirmation/error in a request for combustible heat | GMB | Output | CDS | RMP |
| GME | Confirmation/error in a request for distribution capacity | GMD | Output | CDS | RMP |
| GMG | Confirmation/error in a request for transport capacity | GMF | Output | CDS | RMP |
| GMI | Confirmation/error in a request for actual own losses | GMH | Output | CDS | RMP |
| GMK | Confirmation/error in a request for planned own losses | GMJ | Output | CDS | RMP |
| GMM | Confirmation/error in an inquiry about aggregated values for BRP | GML | Output | CDS | RMP |
| GMO | Confirmation/error in an inquiry about data for DS broken down to A, B, C, CM | GMN | Output | CDS | RMP |
| GMQ | Confirmation/error in an inquiry about summary values for DS broken down to A, B, C, CM | GMP | Output | CDS | RMP |
| GMS | Confirmation/error in an inquiry about summary values for BRP and grid broken down to A, B, C, CM | GMR | Output | CDS | RMP |
| GMU | Confirmation of / Error in request C metering day values | GMT | Output | CDS | RMP |
| GMW | Confirmation of / Error in request for planned month consumption | GMV | Output | CDS | RMP |
| GMY | Confirmation of / Error in request for day values CM | GMX | Output | CDS | RMP |
| GO2 | Confirmation/error in request for real value histrory (interval metering) | GO1 | Output | CDS | Supplier |
| GO4 | Confirmation of / Error in receiving request for consumption history C,CM | GO3 | Output | CDS | RMP |
| GO6 | Confirmation of / Error in receiving request for historic consumption (A,B) | GO5 | Output | CDS | RMP |
| GN2 | Confirmation/error in an inquiry about nominations of the BRP | GN1 | Output | CDS | BRP |
| GN4 | Confirmation/error in an inquiry about all nominations of transport | GN3 | Output | CDS | TSO |
| GN6 | Confirmation/error in an inquiry about all nominations of distribution for the DSO | GN5 | Output | CDS | DSO |
| GN8 | Confirmation/error in an inquiry about all nominations of storage for the SSO | GN7 | Output | CDS | SSO |
| GNA | Confirmation/error in an inquiry about shipper code lists | GN9 | Output | CDS | TSO / DSO |
| GNC | Confirmation of / error in request for nominations for given SS of all types - last confirmed | GNB | Output | CDS | BRP |
| GP2 | Confirmation of acceptance/error in message with data for invoicing of distribution (GDI) | GP1 | Input | CDS | DSO |
| GP5 | Response in case of an error in verification of a message with data for invoicing of distribution (GDI) | GP4 | Output | CDS | RMP |
| GP8 | Confirmation/error in electrtonic invoice receipt | GP7 | Output | CDS | DSO  Supplier |
| GPA | Confirmation/error in request for electronic invoice | GP9 | Output | CDS | RMP |
| GPD | Confirmation/error in request for informaction about electronic invoice handover | GPC | Output | CDS | RMP |
| GR2 | Confirmation of acceptance/rejection of a message with a request for registration / update of a PDT | GR1 | Output | CDS | DSO / TSO |
| GR5 | Confirmation of acceptance/rejection of a message with a request for PDT data | GR4 | Output | CDS | RMP |
| GR5 | Confirmation of acceptance/rejection of a message with a request for PDT data for Security of supply | GR4 | Output | CDS | RMP |
| GRF | Error in / Confirmation of request for list of PDT according to service | GRE | Output | CDS | RMP |
| GRY | Confirmation of / Error in request for PDT termination | GRX | Output | CDS | RMP |
| GT2 | Confirmation/error in a request for data of normal and actual weather conditions (temperatures) | GT1 | Output | CDS | RMP |
| GT4 | Confirmation/error in a request for LP data | GT3 | Output | CDS | RMP |
| GT6 | Confirmation/error in a request for data of a temperature correction coefficient | GT5 | Output | CDS | RMP |
| GT8 | confirmation/error in an inquiry about residual diagrams | GT7 | Output | CDS | RMP |
| GTA | Confirmation/error in an inquiry about estimated diagram of consumption of a PDT group (C, CM) | GT9 | Output | CDS | RMP |
| GTC | Confirmation of / Error in request for clearing results for PDT | GTB | Output | CDS | RMP |
| GTE | Error in / Confirmation of request for list of PDT readings submitted to clearing | GTD | Output | CDS | RMP |
| GTQ | Confirmation of / Error in receiving message for sending of predicted and metered average daily temperature | GTP | Output | CDS | CHMI |
| GX2 | Error/confirmation in case of sending a request for provision of output data | GX1 | Output | CDS | RMP |
| GX4 | Confirmation within verification of server-server connection and sending unsent messages | GX3 | Output | CDS | RMP |
| GX5 | Syntax error in incoming message - error on communication channel level (from message receiver to CDS) | - | Output | CDS | RMP |
| GX6 | Syntax error in incoming message - error on communication channel level (from CDS to message sender) | - | Input | RMP | CDS |
| GXA | Notification about expiration of periodic request validity | - | Output | CDS | RMP |
| 050 | Syntax error in incoming message - error on communication channel level (from CDS to message sender) | - | Output | CDS | RMP |
| 051 | Syntax error in incoming message - error on communication channel level (from message receiver to CDS) | - | Input | RMP | CDS |
| 100 | Syntax error - invalid message format (from CDS to message sender) | - | Output | CDS | RMP |
| 101 | Syntax error - invalid message format (from message receiver to CDS) | - | Input | RMP | CDS |

##### Filling GASRESPONSE structure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XML attribute** | **M.** | **Lenght** | **Field** | **Description** |
| **RESPONSE** | X |  |  | Message header |
| id | X | 1 - 35 | Msg id | Unique message identifier |
| message-code | X | 3 | Msg code | Detail of message content |
| date-time | X |  | Msg date and time | Msg creation date and time |
| dtd-version | X | 1 | Schema version | Schema version, filled with constant „1“ |
| dtd-release | X | 1 | Release | Release within version, filled with constant „1“ |
| **SenderIdentification** | X |  |  |  |
| id | X | 16 | Sender | EIC of message sender |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **ReceiverIdentification** | X |  |  |  |
| id | X | 16 | Receiver | EIC of message receiver |
| coding-scheme | X | 2 | Coding-scheme | Filled with constant „15“ for EIC |
| **Reference** |  |  |  |  |
| id | X |  | Reference msg id | Reference to preceding message |
| **Reason** | Xor |  |  | 1 - N for message (response text in the element) |
|  |  |  | Response text | Statement of processing result, ev. rejection reason |
| code | X | 1 - 8 | Fault code | Internal fault code |
| type | X | výčet | Responese type | Processing result |
| trade-id |  |  | Trade id | (not used yet) |
| version |  | 1 - 10 | Data version | Data version specification |
| OPM-id |  | výčet | PDT | PDT EIC |
| block-id |  | integer | ID of block | Id of fault logical block |
| result-code |  | 6 | Fault id | Fault id and source system |

The complete CDSGASRESPONSE file in the .xsd format is saved here:

[XML\GASRESPONSE](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\GASRESPONSE)

##### an example of a message in response format

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Confirmation /rejection of a message with a request for registration / update of a PDT (GR2) | [XML\GASRESPONSE\EXAMPLE\GASRESPONSE\_msg\_code\_GR2.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\GASRESPONSE\EXAMPLES\GASRESPONSE_msg_code_GR2.xml) |

## CDSGASTEMPERATURE

##### PURPOSE

The XML message in the CDSGASTEMPERATURE format serves for reception of real and predicted temperatures sent from CHMI to CDS OTE.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Destination** |
| GTP | Message for sending of predicted and metered average daily temperature | - | Input | CHMI | CDS |

##### Filling CDSGASTEMPERATURE STRUCTURE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XML attribute** | **M.** | **Lenght** | **Field** | **Description** |
| **GASGASTEMPERATURE** | X |  |  | Message header |
| id | X | 1 - 35 | Message id | Unique message identifier |
| message-code | X | 3 | Message code | Detail of message content |
| date-time | X |  | Message date and time | Msg creation date and time |
| dtd-version | X | 1 | Schema version | Schema version, filled with constant „1“ |
| dtd-release | X | 1 | Release | Release within version, filled with constant „1“ |
| answer-required | X | 1 | Ans. required | Answer required flag |
| **SenderIdentification** | X |  |  |  |
| id | X | 16 | Sender | EIC of message sender |
| coding-scheme | X | 2 | Encoding schema | Filled with constant „15“ for EIC |
| **ReceiverIdentification** | X |  |  |  |
| id | X | 16 | Receiver | EIC of message sender |
| coding-scheme | X | 2 | Encoding schema | Filled with constant „15“ for EIC |
| **Profile** | X |  |  | 1 - N for group of values of the same type |
| temp-area | X | enum. | Temperature area | Temperature area identification |
| value-type | X | enum. | Value type | Temperature profile value type; filled with const. „P“ for predicted, „R“ for real |
| **Data** | X |  |  | 1 - N for days of unique value type |
| date-time-from | X |  | Date and time from | Start of validity period |
| date-time-to | X |  | Date and time to | End of validity period |
| qty | X |  | Quantity | Quantity or count |
| unit | X | enum. | Unit | Unit; filled with const. „CEL“ for centigrade degree |

The complete CDSGASTEMPERATURE file in the .xsd format is saved here:

[XML\CDSGASTEMPERATURE](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\CDSGASTEMPERATURE)

##### an example of a message in CDSGASTEMPERATURE FORMAT

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Zpráva pro zaslání predikované a skutečné průměrné denní teploty | [XML\CDSGASTEMPERATURE\EXAMPLE\CDSGASTEMPERATURE\_msg\_code\_GTP.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\XML\CDSGASTEMPERATURE\EXAMPLES\CDSGASTEMPERATURE_msg_code_GTP.xml) |

## ISOTEDATA

PURPOSE

XML message in ISOTEDATA format is used to exchange the data related to IS OTE (DMG, IDMG) between the market participants and the IS OTE.

The message format is used for electricity commodity as well. It contains elements (msg\_code, profile roles), which are not used for gas.

The format can be used in cases from the following table when communicating through CDS-WAS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Popis** | **Referenční zpráva** | **Input / Output** | **Zdroj** | **Cíl** |
| GD1 | Bid creation / Bid replacement / Nomination creation (DMG) | - | Input | RMP | IS OTE |
| GD3 | Bid creation / Bid replacement / Nomination creation - Copy of data (DMG) | GD1 | Output | IS OTE | RMP |
| GD4 | Bid cancelation (DMG) | - | Input | RMP | IS OTE |
| GD6 | Bid cancelation - Copy of data (DMG) | GD4 | Output | IS OTE | RMP |
| GD9 | Own bid data - Copy of data (DMG) | GD7 | Output | IS OTE | RMP |
| GDA | Trading results nominations sending (DMG) | - | Output | IS OTE | RMP |
| GDF | Request - DM marginal prices - Data copy (DMG) | GDD | Output | IS OTE | RMP |
| GSF | Request - Day settlement - Data copy (DMG) | GSD | Output | IS OTE | RMP |
| GV1 | Order place / replace (IDMG) | - | Input | RMP | IS OTE |
| GV3 | Copy of order data - place (IDMG) | GV1 | Output | IS OTE | RMP |
| GV4 | Order annulation (IDMG) | - | Input | RMP | IS OTE |
| GV6 | Copy of order data - annulation (IDMG) | GV4 | Output | IS OTE | RMP |
| GV9 | Copy of order data - one´s own order (IDMG) | GV7 | Output | IS OTE | RMP |
| GVA | Trading results nomination sending (IDMG) | - | Output | IS OTE | RMP |
| GVB | Trading results nomination sending (IDMG) | - | Output | IS OTE | RMP |
| GVE | Copy of one´s own trades data (IDMG) | GVC | Output | IS OTE | RMP |
| GVK | Copy of trading screen - market depth (IDMG) | - | Output | IS OTE | RMP |
| GVP | Trade request - last known trade price on IDM by GMR - Copy of data | GVN | Output | IS OTE | RMP |
| 966 | Request for imbalance settlement statistic data - copy of data | 964 | Output | IS OTE | RMP |

##### Filling ISOTEDATA structure

Use guidlines and description of fields is specified in the separate manual D1.4.4 – IS OTE automatic communication interface in actual version.

The complex ISOTEDATA file in the .xsd format is saved here:

[XML\ISOTEDATA](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\ISOTEDATA)

## ISOTEMASTERDATA

##### Purpose

XML message in ISOTEMASTERDATA forma is used for exchange of IS OTE object master data.

The message format is used for electricity commodity as well. It contains elements (msg\_code), which are not used for gas.

The format can be used in cases from the following table when communicating through CDS-WAS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Popis** | **Referenční zpráva** | **Input / Output** | **Zdroj** | **Cíl** |
| GVH | Product master data (IDMG) | GVF | Output | IS OTE | RMP |

##### Filling ISOTEMASTERDATA structure

Use guidlines and description of fields is specified in the separate manual D1.4.4 – IS OTE automatic communication interface in actual version.

The complex ISOTEMASTERDATA file in the .xsd format is saved here:

[XML\ISOTEMASTERDATA](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\ISOTEMASTERDATA)

## ISOTEREQ

##### Purpose

XML message in ISOTEREQ format is used to request the data related to IS OTE (DMG, IDMG) between the market participants and the IS OTE.

The message format is used for electricity commodity as well. It contains elements (msg\_code), which are not used for gas.

The format can be used in cases from the following table when communicating through CDS-WAS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Popis** | **Referenční zpráva** | **Input / Output** | **Zdroj** | **Cíl** |
| GD7 | Own bid data - State detection (DMG) | - | Input | RMP | IS OTE |
| GDD | Request - DM marginal prices (DMG) | - | Input | RMP | IS OTE |
| GSD | Request - Day settlement (DMG) | - | Input | RMP | IS OTE |
| GV7 | One´s own order data - state request (IDMG) | - | Input | RMP | IS OTE |
| GVC | Trade request - one´s own (IDMG) | - | Input | RMP | IS OTE |
| GVF | Product data request (IDMG) | - | Input | RMP | IS OTE |
| |  | | --- | | GVN | | Trade request - last known trade price on IDM by GMR | - | Input | RUT | IS OTE |
| 964 | Data request - Statistic data of imbalances settlement | - | Input | RMP | IS OTE |

##### Filling ISOTEREQ structure

Use guidlines and description of fields is specified in the separate manual D1.4.4 – IS OTE automatic communication interface in actual version.

The complex ISOTEREQ file in the .xsd format is saved here:

[XML\ISOTEREQ](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\ISOTEREQ)

## RESPONSE

##### Purpose

XML message in RESPONSE format is used to confirm data exchange beetween market participants and IS OTE (DMG, IBMG).

Aside above stated, the RESPONSE format is ised for sending confirmation or error state within communication for electricity. It contains elements (msg\_code, profile roles), which are not used for gas.

The format can be used in cases from the following table when communicating through CDS-WAS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Popis** | **Referenční zpráva** | **Input / Output** | **Zdroj** | **Cíl** |
| GD2 | Bid creation / Bid replacement / Nomination creation - error / confirmation (DMG) | GD1 | Output | IS OTE | RMP |
| GD5 | Bid cancelation - error / confirmation (DMG) | GD4 | Output | IS OTE | RMP |
| GD8 | Own bid data - State detection - error / confirmation (DMG) | GD7 | Output | IS OTE | RMP |
| GDE | Request - DM marginal prices - error / confirmation (DMG) | GDD | Output | IS OTE | RMP |
| GSE | Request - Day settlement - error / confirmation (DMG) | GSD | Output | IS OTE | RMP |
| GV2 | Order place / replace - error / confirmation (IDMG) | GV1 | Output | IS OTE | RMP |
| GV5 | Order annulation - error / confirmation (IDMG) | GV4 | Output | IS OTE | RMP |
| GV8 | One´s own order data - state request - error / confirmation (IDMG) | GV7 | Output | IS OTE | RMP |
| GVD | Trade request - one´s own - error / confirmation (IDMG) | GVC | Output | IS OTE | RMP |
| GVG | Product data request - error / confirmation (IDMG) | GVF | Output | IS OTE | RMP |
| GVJ | Notification about change of trading screen (IDMG) | - | Output | IS OTE | RMP |
| GVO | Trade response - last known trade price on IDM by GMR | GVN | Output | IS OTE | RMP |
| GZ2 | Response to ex post PDT registration | GZ1 | Output | IS OTE | External subject |
| GZ5 | Response to request for PDT state | GZ4 | Output | IS OTE | External subject |
| 465 | Financial limit status - error/confirmation | 463 | Output | IS OTE | RMP |
| 924 | Confirmation/error message for sending of request for output data handover - MarketService | 923 | Output | IS OTE | External subject |
| 965 | Požadavek na statistická data zúčtování odchylek - chyba / potvrzení | 964 | Output | IS OTE | RMP |
| 981 | Notification, gate open/closure time of RRD/DM has been changed. | - | Output | IS OTE | RMP |
| 983 | Oznámení o agregaci produktu na BT | - | Output | IS OTE | RMP |
| 984 | Oznámení o vypsání produktu na BT | - | Output | IS OTE | RMP |
| 985 | Oznámení o začátku obchodování produktu na BT | - | Output | IS OTE | RMP |
| 986 | Oznámení o finalizaci výsledků obchodování produktu na BT | - | Output | IS OTE | RMP |
| 987 | Oznámení o finalizaci výsledků obchodování produktu na BT | - | Output | IS OTE | RMP |
| 988 | Oznámení o nevypsání produktu na BT | - | Output | IS OTE | RMP |
| 996 | Confirmation of server-server connection control and sending of non-sent messages - MarketService | 994 | Output | IS OTE | External subject |

##### Filling RESPONSE structure

Filling of fields is similar with those of GASRESPONSE (see respective chapter).

The complex RESPONSE file in the .xsd format is saved here:

[XML\RESPONSE](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\RESPONSE)

## SFVOTGASBILLING

##### purpose

XML message in SFVOTGASBILLING format is used to sending the financial reports from SFVOT modules – part Invoicing base data.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GF2 | Invoicing base data | GF1 | Output | CDS | External subject |
| GF5 | OTE Invoicing base data | GF4 | Output | CDS | External subject |

##### Filling SFVOTGASBILLING structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTGASBILLING file in the .xsd format is saved here:

[XML\SFVOTGASBILLING](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTGASBILLING)

## SFVOTGASBILLINGSUM

##### Purpose

XML message in SFVOTGASBILLINGSUM format is used to sending the financial reports from SFVOT modules – part Invoicing base data with summary data for requested period.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GFK | Invoicing base data - summary | GFJ | Output | CDS | External subject |
| GFN | OTE invoicing base data - summary | GFM | Output | CDS | External subject |

##### Filling SFVOTGASBILLGSUM structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTGASBILLINGSUM file in the .xsd format is saved here:

[XML\SFVOTGASBILLINGSUM](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTGASBILLINGSUM)

## SFVOTGASCLAIM

##### purpose

XML message in SFVOTGASCLAIM format is used to sending the financial reports from SFVOT modules – part Overview of payments and complaints.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GF8 | Payments and refunds overview | GF7 | Output | CDS | External subject |
| GFB | OTE Payments and refunds overview | GFB | Output | CDS | External subject |

##### Filling SFVOTGASCLAIM structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTGASCLAIM file in the .xsd format is saved here:

[XML\SFVOTGASCLAIM](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTGASCLAIM)

## SFVOTGASCLAIMSUM

##### Účel

XML message in SFVOTGASCLAIMSUM format is used to sending the financial reports from SFVOT modules – part Overview of payments and complaints – summary data for requested period.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GFQ | Claim overview - summary | GFQ | Output | CDS | External subject |
| GFT | OTE claim overview - summary | GFS | Output | CDS | External subject |

##### Filling SFVOTGASCLAIMSUM structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTGASCLAIMSUM file in the .xsd format is saved here:

[XML\SFVOTGASCLAIMSUM](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTGASCLAIMSUM)

## SFVOTGASEXCHRATE

##### Účel

XML message in SFVOTGASEXCHRATE format is used to sending OTE exchange settlement rate.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GGC | OTE settlement rate | GGB | Output | CDS | External subject |

##### Filling SFVOTGASEXCHRATE structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTGASEXCHRATE file in the .xsd format is saved here:

[XML\SFVOTGASEXCHRATE](file:///C:\XML\SFVOTGASEXCHRATE)

## SFVOTGASIMGNETT

##### PURPOSE

XML message SFVOTGASIMGNETT format is used to sending list netto partial payments of invoices monthly and final monthly evaluation of imbalances.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GGF | Monthly evaluation of imbalances | GGE | Output | CDS | External subject |
| GGI | Final monthly evaluation of imbalances | GGH | Output | CDS | External subject |

FILLING STRUCTURES SFVOTGASIMGNETTDescription and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTGASEXCHRATE file in the .xsd format is saved here:

[XML\ SFVOTGASIMGNETT](file:///D:\projekty\aktualni%20projekty\NC%20BAL\Martin%20Sedmihradsky\extrozth\XML\SFVOTGASEXCHRATE)

## SFVOTGASTDD

##### purpose

XML message in SFVOTGASTDD format is used to sending the financial reports from SFVOT modules – part LP Differences settlement and Loss clearing.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GFE | LP differences settlement | GSD | Output | CDS | External subject |
| GFH | OTE LP differences settlement | GSG | Output | CDS | External subject |
| GFZ | Loss clearing | GFY | Output | CDS | External subject |
| GG3 | Loss clearing OTE | GG3 | Output | CDS | External subject |
| GG6 | Final Settlement of Clearing Differences | GG5 | Output | CDS | External subject |
| GG9 | Final Settlement of Clearing Differences - OTE | GG8 | Output | CDS | External subject |

##### Filling SFVOTGASTDD structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTGASTDD file in the .xsd format is saved here:

[XML\SFVOTGASTDD](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTGASTDD)

## SFVOTGASTDDNETT

##### purpose

XML message in SFVOTGASTDDNETT format is used to sending the financial reports from SFVOT modules – part Netting.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GFW | LPG netting | GFV | Output | CDS | External subject |

##### Filling SFVOTGASTDDNETT structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTGASTDDNETT file in the .xsd format is saved here:

[XML\SFVOTGASTDDNETT](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTGASTDDNETT)

## SFVOTLIMITS

##### Purpose

XML message in SFVOTLIMITS format serves for sendig data of aggregate financial limit staus of BRP.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 464 | Financial limit status | 463 | Output | IS OTE | External subject |

##### Filling sfvotLIMITS structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTLIMITS file in the .xsd format is saved here:

[XML\SFVOTLIMITS](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTLIMITS)

## SFVOTGASREQ

##### purpose

XML message in SFVOTGASREQ format is used to request for financial report from SFVOT modules. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| GF1 | Invoicing base data - request | - | Input | External subject | CDS |
| GF4 | OTE Invoicing base data - request | - | Input | External subject | CDS |
| GF7 | Payments and refunds overview - request | - | Input | External subject | CDS |
| GFA | OTE Payments and refunds overview - request | - | Input | External subject | CDS |
| GFD | LP differences settlement - request | - | Input | External subject | CDS |
| GFG | OTE LP differences settlement - request | - | Input | External subject | CDS |
| GFJ | Invoicing base data - summary | - | Input | PXE | CS OTE |
| GFM | OTE Invoicing base data - summary | - | Input | PXE | CS OTE |
| GFP | Claim overview - summary | - | Input | External subject | CS OTE |
| GFS | OTE claim overview - summary | - | Input | External subject | CS OTE |
| GFV | LPG netting - request | - | Input | External subject | CS OTE |
| GG1 | Loss clearing - request | - | Input | External subject | CS OTE |
| GG4 | Loss clearing - request | - | Input | External subject | CS OTE |
| GG5 | Final Settlement of Clearing Differences - request | - | Input | External subject | CS OTE |
| GG8 | Final Settlement of Clearing Differences OTE - request | - | Input | External subject | CS OTE |
| GGB | OTE settlement rate - request | - | Input | External subject | CS OTE |
| GGE | Request - monthly evaluation of imbalances (SFVOT AS REQ) |  | Input | External subject | CS OTE |
| GGH | Request - Final monthly evaluation of imbalances (SFVOT AS REQ) |  | Input | External subject | CS OTE |

##### Filling SFVOTGASREQ structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTGASREQ file in the .xsd format is saved here:

[XML\SFVOTGASREQ](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTGASREQ)

## SFVOTREQ

##### Purpose

XML message in SFVOTGASREQ format is used to request for financial report from SFVOT modules which are common for electricity a gas. The format can be used in cases from the following table when communicating with IS OTE.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 463 | Financial limit status - request | - | Input | External subject | IS OTE |

##### Filling SFVOTREQ structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTREQ file in the .xsd format is saved here:

[XML\SFVOTREQ](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTREQ)

## SFVOTLIMITCHANGE

##### Purpose

XML message in SFVOTLIMITCHANGE format is used to pass information about the automatic change of the VDT / VT financial limit for electricity or VDT for gas.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 484 | Automatic change of the VDT / VT financial limit for electricity or VDT for gas. | - | OUT | IS OTE | External subject |

##### Filling SFVOTLIMITCHANGE structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTREQ file in the .xsd format is saved here:

[XML\SFVOTLIMITCHANGE](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTLIMITCHANGE)

## SFVOTSETTINGS

##### Purpose

XML message in SFVOTSETTINGS format is used to set the offline VDT / VT limit for electricity or VDT for gas.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 481 | Setting VDT / VT limit for electricity or VDT for gas | - | INPUT | External subject | IS OTE |

##### Filling SFVOTSETTINGS structure

Description and use of SFVOT message formats fields (elements and attributes) is stated right in the xsd definition.

The complex SFVOTREQ file in the .xsd format is saved here:

[XML\SFVOTSETTINGS](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\SFVOTSETTINGS)

## Global XSD templates

##### purpose

Global XSD templates include data types that would be repeated in a definition in the individual message formats. Their separation reduces the length of definition and facilitates maintenance. The data types are referred to in the individual formats. The types are common for gas and electricity.

* OTE\_GLOBALS – includes data types common for all, or most formats
* XMLDSIG-CORE-SCHEMA – includes the definition of electronic signature

The complete files in the .xsd format is saved here:

[XML\GLOBALS](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\XML\GLOBALS)

## Communication scenarios

The following section presents a description of the selected communication scenarios using XML messages according to OTE specification for communication with CDS. Priority is given to graphic presentation in order to keep the content transparent.

### Entering claims

Claims in the following areas may be entered in OTE:

* Nomination
* Automatic communication
* Settlement of imbalances
* Financial security – under development
* Invoicing (finance) – under development
* Metering
* Registration of PDT
* Change of supplier
* Acceptance of responsibility
* Acceptance and processing of data
* Configuration of communication
* Concluding contracts and changes to contractual relationships – under development

Claims shall be entered as follows:

RMP Submitter

OTE

RMP Processor

Claim placing:

CDSGASCLAIM

(

GC

1

)

Copy of claim: CDSGASCLAIM (GC3)

Claim confirmation / error: GASRESPONSE (GR2)

Copy of claim : CDSGASCLAIM (GC3)

Claim statement: CDSGASCLAIM (GC1)

Statement confirmation / error : GASRESPONSE (GC2)

Copy of claim : CDSGASCLAIM (GC3)

Copy of claim : CDSGASCLAIM (GC3)

Claim sending

Fig. 2 – Sending a claim

Inquiries about claims shall take place according to the following scenario:

RMP

OTE

Request for claim : CDAGASREQ (GC4)

Request confirmation / error : GASRESPONSE (GC5)

Copy of claim : CDGASCLAIM (GC6)

Request for claim

{

OR

}

Fig. 3 – Request for claim

OTE messages will be sent in the form of one-way communication by CDS:

RMP

OTE

OTE information : CDSGASCALIM (GC7)

OTE information

Fig. 4 – OTE information sending

OTE messages may also be requested using an inquiry according to the following scenario:

RMP

OTE

Request for OTE information: CDSGASREQ (GC8)

Request confirmation / error: GASRESPONSE (GC9)

:

Copy of OTE information: CDSGASCLAIM (GCA)

Request for OTE information

{

OR

}

Fig. 5 – Request for OTE information

Note: This scenario applies to most inquiries about data requested from CDS.

### Registration of PDT

Registration of PDT will be done by the distribution system operator (DSO) and the transmission system operator (TSO) for all PDT’s they are obliged to register by legislation. DSO and TSO will also be responsible for updating the data in CDS in case of a change of registered data of a PDT.

The below table presents a set of parameters that may be registered for a PDT. The first and the second columns contain the name and code of the individual elements in XSD CDSGASMASTERDATA, while the third column represents the data that are always mandatory. The fourth column represents the parameters that may not be changed after registration.

| Parameter | Code | Mand. | Not to be modified |
| --- | --- | --- | --- |
| Unique PDT identifier (EIC-18) | EXT-UI | ✓ | × |
| Date of PDT establishing | DATE-FROM | ✓ |  |
| Date until which PDT is valid | DATE-TO |  |  |
| PDT name | UI-TEXT | ✓ |  |
| PDT type (production, consumption, virtual sales point,…) | ANLART | ✓ | × |
| Metering type (A, B, C) | TYPM | ✓ |  |
| Grid | GRID-ID | ✓ | × |
| Grid of system operator (point of transfer) | GRID-ID-PS | ✓ | × |
| PDT owner | PARTNER |  |  |
| LP class | TDD-CLASS |  |  |
| Estimate of annual consumption / Planned consumption | EST-CONS | ✓ |  |
| City | CITY |  |  |
| Postal code | POST-CODE |  |  |
| Street | STREET |  |  |
| House number | HOUSE-NUM |  |  |
| Type of sent GDI | POF-TYPE |  |  |
| GDI sending cycle (assumed number of meter readings per year) | POF-FREQ |  |  |
| First meter reading in a year (assumed month of first reading cycle) | MR-FIRST |  |  |
| PDT distribution capacity (for metering type A, B) | RESRV-CAP | ✓ |  |
| Suspension of PDT validity | MRSEND-SUSP |  |  |
| SLR disabled | DPI-DISABLE |  |  |
| source type (natural gas, bio gas,..) | SOURCE |  |  |
| SLR active | DPI-ACTIVE |  |  |
| Input allocation rule | ALLOC-SCH-ENTRY |  |  |
| Output allocation rule | ALLOC-SCH-EXIT |  |  |
| Related PDT | SOPM |  |  |
| Summary PDT | OPM-SUM |  |  |
| Information about PDT changes | INFO-TEXT |  |  |
| Customer category | CATEG-CUST | ✓ |  |
| Customer group for state of emergency | CATEG-EMER | ✓ |  |

* Registration

DSO / TSO

OTE

PDT registration request: CDSGASMASTERDATA (GR1)

Request confirmation / error: GASRESPONSE (GR2)

Copy of PDT data: CDSGASMASTERDATA (GR3)

PDT regitration

Fig. 6 – Registration of PDT

* Change of PDT data

If data of a registered PDT are changed, such changes have to be reflected in CDS OTE. Data may only be changed to the future. An exception from that rule is the retrospective change of temperature area and LP class for a PT with non-interval metering.

Change of PDT data

DSO / TSO

OTE

RMP

Req. for PDT change: CDSGASMASTERDATA (GR1)

Request confirmation / error: GASRESPONSE (GR2)

Copy of PDT data : CDSGASMASTERDATA (GR3)

Copy of PDT data: CDSGASMASTERDATA (GR3)

:

Supplier or BRP being assigned

Fig. 7 – Change of PDT data

* Cancellation of registration

A registration may be cancelled. However, it is only possible in case it has not become valid. If it has, it is only possible to shorten the period of registration.

Registration is cancelled by a message where the beginning of registration is identical with the beginning of the original registration (D) and the end is as of the day preceding the beginning (D -1).

* Inquiry about PDT data

RMP, DSO, TSO

OTE

Request for PDT data : CDSGASREQ (GR4)

Request confirmation / error : GASRESPONSE (GR5)

Copy of PDT data : CDSGASMASTERDATA (GR6)

{

OR

}

Request for PDT data

Fig. 8 – Request for PDT data

### Change of supplier

The rules of the gas market define 3 types of change of supplier that are supported by the CDS system. They include the following:

* Standard change of supplier
* Quick change of supplier

Besides the two types above stated, the communication scenario is used for supply extension/reduction.

The individual steps of the change of supplier process are executed by sending messages. The meaning of a message is given by the msg\_code and the type of action filled in the message. Fore every received message, a confirmation of acceptance is sent as well as a copy to involved entities that may include the following:

* New supplier
* New balance responsible party
* Existing supplier (in case there is no primary supplier to a PDT, the copy will be sent to the supplier at the PDT type 1005 in the respective grid)
* Existing balance responsible party (in case there is no primary supplier at a PDT, the copy will be sent to a balance responsible party at the PDT type 1005 in the respective grid)
* DSO/TSO
* Other relevant subjects (in the case of simultaneously running changes of supplier, when more then one current suppliers are replaced)

The following actions shall be executed within sending of actions depending on the type of change of supplier and the current status of change of supplier:

| Action | Description |
| --- | --- |
| SCR | Request for change of supplier |
| CRC | Confirmation of reservation of distribution or transport capacity |
| CRD | Rejection of reservation of distribution or transport capacity |
| CSR | Request for suspension of change of supplier by the existing supplier |
| CNR | Request for suspension of change of supplier by the new supplier |
| IRC | Consent with allocation of responsibility for imbalance |
| IRD | Rejection of allocation of responsibility for imbalance |
| CSC | Confirmation of customer’s consent with change of supplier |
| CSS | Confirmation of continuation of gas supplies by the existing supplier |
| CSD | Rejection of continuation of gas supplies by the existing supplier |
| ISS | Confirmation of continuation of gas supplies by the existing balance responsible party |
| ISD | Rejection of continuation of gas supplies by the existing balance responsible party |

The type of action shall be provided in inbound as well as outbound messages (filling by participant necessary). It is used for identification of the activity by the participant to have sent the message with a request or statement to OTE. The element also includes the date-time attribute – date and time of execution of the activity (added by OTE).

The Activity element is repeated in the final GAK message and the message shall also include all activities executed within the process. The same applies to sending a request for status, where a GAT message shall include all activities executed until then. In case of “copy” during the process, e.g. GA6 Copy of a message about possible reservation of distribution capacity, the message shall include only the specific activity to have triggered sending of the copy – i.e. CRC in this case.

If a change of supplier is suspended or rejected during the change of supplier process, the reason of this will be included in the message (rejection-reason attribute):

| Value | Meaning |
| --- | --- |
| 01 | Non-confirmation of reservation of distribution capacity by DSO/TSO |
| 02 | Non-confirmation of acceptance of responsibility for imbalance by BRP |
| 03 | PDT not registered for the period |
| 04 | Suspended by the new supplier |
| 05 | Suspended by the original supplier |
| 06 | Negative verification of financial security of the new BRP |
| 07 | Request takaback by the new supplier |
| 08 | Termination of BRP based on CSR action with ARE reason |
| 51 | Distribution capacity not confirmed by DSO/TSO + supply not assured |
| 52 | Imbalance resposibilty overtake not confirmed by BRP + supply not assured |
| 54 | Suspended by new supplier + supply not assured |
| 99 | Other |

##### Standard change of supplier

The diagram of the process of the so-called standard change of supplier as well as the individual communication scenarios within the process is provided by the below pictures:

New supplierl

OTE

Request for change of supplier: CDSGASMASTERDATA (GA1)

:

Confirmation / error in request: GASRESPONSE (GA2)

Original supplier

Copy of the request: CDSGASMASTERDATA (GA3)

:

Copy of the request: CDSGASMASTERDATA (GA3)

:

New BRP

Original BRP

Copy of the request: CDSGASMASTERDATA (GA3)

:

Copy of the request: CDSGASMASTERDATA (GA3)

:

DSOTSO

/

Copy of the request: CDSGASMASTERDATA (GA3)

:

Acknow. about reservation of dist. / transp. capacity: CDSGASMASTERDATA (GA4)

Request for change of supplier

Confirmation / error in the acknowledgement: GASRESPONSE (GA5)

:

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

:

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

:

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

:

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

:

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

:

Request for resumption of supply: CDSGASMASTERDATA (GA7)

Request for resumption of supply: CDSGASMASTERDATA (GA7)

Case DSO/TSO declines the reservation of capacity

Acknowledgement about reservation of dist. / transp. capacity

New supplier

OTE

Original supplier

New BRP

Original BRP

DSO/TSO

Request for susp. of change of supplier: CDSGASMASTERDATA (GA8)

:

Request for susp. of change of supplier: CDSGASMASTERDATA (GA8)

{

OR

}

Request is sent by new or original supplier

Conf. / error in the request: GASRESPONSE (GA9)

Conf. / error in the request: GASRESPONSE (GA9)

Request for suspension of change of supplier

Approval to imbalance responsibility take-over

Approval/rejection to imb. resp. take-over: CDSGASMASTERDATA (GAB)

Conf./error in message: GASRESPONSE (GAC)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Request for resumption of supply: CDSGASMASTERDATA (GA7)

Request for resumption of supply: CDSGASMASTERDATA (GA7)

Case new BRP refuse to take over the resposiblity

Copy of request for process suspension: CDSGASMASTERDATA (GAA)

Copy of request for process suspension: CDSGASMASTERDATA (GAA)

Copy of request for process suspension: CDSGASMASTERDATA (GAA)

Copy of request for suspension: CDSGASMASTERDATA (GA9)

.

Copy of request for suspension: CDSGASMASTERDATA (GA9)

New supplier

OTE

Original supplier

New BRP

Original BRP

DSO/TSO

Confirmation of customer with change of supplier in case of request for suspension by original supplier

Confirmation of customer with change of supplier: CDSGASMASTERDATA (GAE)

Conf. / error in message: GASRESPONSE (GAF)

Copy of conf. of customer with change of supplier: CDSGASMASTERDATA (GAG)

Copy of conf. of customer with change of supplier: CDSGASMASTERDATA (GAG)

Copy of conf. of customer with change of supplier: CDSGASMASTERDATA (GAG)

Copy of conf. of customer with change of supplier: CDSGASMASTERDATA (GAG)

:

Copy of conf. of customer with change of supplier: CDSGASMASTERDATA (GAG)

:

Approval/rejection to supply resumption by original supplier and original balance responsible party

Approval/rejection to supply resumption: CDSGASMASTERDATA (GAH)

Conf. / error in message: GASRESPONSE (GAI)

Copy of approval/rejection to supply resumption: CDSGASMASTERDATA (GAJ)

Copy of approval/rejection to supply resumption: CDSGASMASTERDATA (GAJ)

Copy of approval/rejection to supply resumption: CDSGASMASTERDATA (GAJ)

Approval/rejection to supply resumption: CDSGASMASTERDATA (GAH)

Conf. / error in message: GASRESPONSE (GAI)

Copy of approval/rejection to supply resumption: CDSGASMASTERDATA (GAJ)

Copy of approval/rejection to supply resumption: CDSGASMASTERDATA (GAJ)

Copy of approval/rejection to supply resumption: CDSGASMASTERDATA (GAJ)

New supplier

OTE

Original supplier

New BRP

Original BRP

DSO/TSO

Result of request for change of supplier

Result of request for change of supplier: CDSGASMASTERDATA (GAK)

Result of request for change of supplier: CDSGASMASTERDATA (GAK)

Result of request for change of supplier: CDSGASMASTERDATA (GAK)

:

Result of request for change of supplier: CDSGASMASTERDATA (GAK)

Result of request for change of supplier: CDSGASMASTERDATA (GAK)

Fig. 9 – Standard change of supplier

The controlling attribute, for ruling the relevanace of particiular communication scenarios, is the change of supplier reason. Within the message it is represenrted by one of following values:

|  |  |
| --- | --- |
| **Důvod** | **Popis** |
| S1 | Change of supplier for another supplier |
| S2 | Change of supplier from the supplier of last resort |
| S3 | Change of supplier with the change of customer |
| R1 | Start of supply newly connescted customer |
| R2 | Start of supply after unauthorized consumption or/and distribution |
| R3 | Start of supply by preventing unauthorized consumption |

Respecting the fact, that for R1, R2 and R3 change of supply, there is no supply at the PDT from the side of current supplier, the communication scenarios for current supplier and balance responsible party are not relevant.

One of the required attributes for the Standard change of supplier, that is Contract negotiation type. According to situation, the requesting market participant fills the value:

M – Outside business premisese (Customer have the right to back out the contract according to § 11a par. 2 EL)

P – Inside business premises (Customer does not have the right to back out the contract according to § 11a par. 2 EL)

D – Distant (Customer have the right to back out the contract according to § 11a par. 2 EL)

The process of standard change of supplier comprises the following steps:

* **Request for change of supplier**

Action relevant for the scenario:

| **Action** | **Description** |
| --- | --- |
| SCR | Request for change of supplier |

* **Confirmation/rejection of reservation of distribution or transport capacity**

A single one of the following actions will be relevant:

| **Action** | **Description** |
| --- | --- |
| CRC | Confirmation of reservation of distribution or transport capacity |
| CRD | Rejection of reservation of distribution or transport capacity |

Activity reason:

|  |  |  |
| --- | --- | --- |
| **Activity type** | **Description** | **Reason** |
| CRD | Rejection of reservation of distribution or transport capacity | AR1 - Unsubmission of request for DC reservation/conclude contract on schedule  AR2 - Unsatisfaction of requirements for for DC reservation/conclude contract  AR3 – Unsufficient financial security  AR4 - Unsubmission of request for wire contract on schedule  AR9 - Wrong conract type |

* **Request for suspension of a request for change of supplier**

Either the new or the existing supplier will be eligible to execute this action; therefore a single one of the following actions will be relevant

| **Action** | **Description** |
| --- | --- |
| CSR | Request for suspension of change of supplier by the existing supplier |
| CNR | Request for suspension of change of supplier by the new supplier |

Activity reason:

|  |  |  |
| --- | --- | --- |
| **Activity type** | **Description** | **Reason** |
| CSR | Request for suspension of change of supplier by the existing supplier | AR6 - Conract not ended  AR7 - Customer written statement  ARE - Withdrawal from the contract with a new supplier |

* **Consent with allocation of responsibility for imbalance for the PDT**

A single one of the following actions will be relevant:

| **Action** | **Description** |
| --- | --- |
| IRC | Consent with allocation of responsibility for imbalance |
| IRD | Rejection of allocation of responsibility for imbalance |

* **Confirmation of customer’s consent with change of supplier in case of a request for suspension of the process by the existing supplier**

The new supplier will be eligible to execute this action; the following action is relevant:

| **Action** | **Description** |
| --- | --- |
| CSC | Confirmation of customer consent with change of supplier |

Activity reason:

|  |  |  |
| --- | --- | --- |
| **Activity type** | **Description** | **Reason** |
| CSC | Confirmation of customer consent with change of supplier | AR6 - Conract not ended  AR7 - Customer written statement |

* **Confirmation/rejection of continuation of gas supplies at the point of delivery by the existing supplier and its balance responsible party**

The following actions are relevant:

| **Action** | **Description** |
| --- | --- |
| CSS | Confirmation of continuation of gas supplies by the existing supplier |
| CSD | Rejection of continuation of gas supplies by the existing supplier |
| ISS | Confirmation of continuation of gas supplies by the existing balance responsible party |
| ISD | Rejection of continuation of gas supplies by the existing balance responsible party |

* **Results of evaluation of a request for change of supplier**

When the process of change of supplier has been completed, the result of request evaluation is distributed to all involved entities. The result is presented in the form of process-status attribute that may have the following values:

* ANY – Change request status - approved
* ANN – Change request status - rejected

##### quick change of supplier

The quick change of supplier is to be applied in following cases:

* insufficient financial security of the market participant in the role of a supplier or balance responsible party
* supplier has lost supply competence or ability
* standart change of supplier was not completed to the required date

The quick change of supplier can be applied only for PDT concerned in one of the case at least.

The diagram of the so-called quick change of supplier as well as the individual communication scenarios within the process are presented by the following pictures:

New supplier

OTE

Request for change of supplier: CDSGASMASTERDATA (GA1)

Confirmation / error in request: GASRESPONSE (GA2)

Original supplier

Copy of request for change of supplier: CDSGASMASTERDATA (GA3)

Copy of request for change of supplier: CDSGASMASTERDATA (GA3)

New BRP

Original BRP

Copy of request for change of supplier: CDSGASMASTERDATA (GA3)

Copy of request for change of supplier: CDSGASMASTERDATA (GA3)

DSO/TSO

Copy of request for change of supplier: CDSGASMASTERDATA (GA3)

Acknowledgement about reservation of dist. / transp. capacity: CDSGASMASTERDATA (GA4)

Request for change of supplier

Confirmation / error in the acknowledgement: GASRESPONSE (GA5)

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

Copy of acknowledgement: CDSGASMASTERDATA (GA6)

Request for resumption of supply: CDSGASMASTERDATA (GA7)

Request for resumption of supply: CDSGASMASTERDATA (GA7)

Case DSO/TSO declines the reservation of capacity

Acknowledgement about reservation of dist. / transp. capacity

New supplier

OTE

Original supplier

New BRP

Original BRP

DSO/TSO

Approval to imbalance responsibility take-over

Approval/rejection to imbalance responsibility take-over: CDSGASMASTERDATA (GAB)

Conf. / error in message: GASRESPONSE (GAC)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Copy of approval/rejection: CDSGASMASTERDATA (GAD)

Fig. 10 – Quick change of supplier

The process of quick change of supplier comprises the following steps:

1. **Request for change of supplier**

The action relevant for the scenario:

| **Action** | **Description** |
| --- | --- |
| SCR | Request for change of supplier |

1. **Confirmation/rejection of reservation of distribution or transfer capacity**

A single one of the following actions will be relevant:

| **Action** | **Description** |
| --- | --- |
| CRC | Confirmation of reservation of transport capacity |
| CRD | Rejection of reservation of transport capacity |

Activity reason:

|  |  |  |
| --- | --- | --- |
| **Activity type** | **Description** | **Reason** |
| CRD | Rejection of reservation of distribution or transport capacity | AR1 - Unsubmission of request for DC reservation/conclude contract on schedule  AR2 - Unsatisfaction of requirements for for DC reservation/conclude contract  AR3 – Unsufficient financial security  AR4 - Unsubmission of request for wire contract on schedule  AR9 - Wrong conract type |

1. **Consent with allocation of responsibility for imbalance for the PDT**

A single one of the following actions will be relevant:

| **Action** | **Description** |
| --- | --- |
| IRC | Consent with allocation of responsibility for imbalance |
| IRD | Rejection of allocation of responsibility for imbalance |

##### Supply extension / reduction

The change of supplier process in the form of suppl yextesion / reduction is used in cases, when there is no factical change of supplier at the PDT, because only thing changing is the period of supply provided by the current supplier.

The change of supplier process in the form of supply extension / reduction is represented by the following scheme, including constituent steps:



Obr. 10 –Supply extension / reduction

The change of supplier process in the form of supply extension / reduction consists of these steps:

* **Request for change of supplier**

The action relevant for the scenario:

| **Akce** | **Popis** |
| --- | --- |
| VAR | Žádost o prodloužení / zkrácení dodávky |

* **Confirmation / decline of the imbalance resposibility transfer**

The step is relevant only if the supplier is not also in the role of subject of settlemenet carring the imbalance responsibility at the PDT.

A single one of the following actions will be relevant:

| **Akce** | **Popis** |
| --- | --- |
| IVC | Confirmation of imb. resp. transfer within supply extension / reduction |
| IVD | Decline of imb. resp. transfer within supply extension / reduction |

Detailed description for the process of supply extension and reduction can be found in the Czech version of documentation or in the legislation.

##### request for sending status of the change of supplier process

A statement from the change of supplier process shall be requested according to the following communication scenario:

RMP

OTE

Request for statement of change of supplier: CDSGASREQ (GAR)

:

Confirmation / error in the request: GASRESPONSE (GAS)

Statement of change of supplier: CDSGASMASTERDATA (GAT)

Fig. 11 – Sending of a statement of change of supplier

### Change of balance responsible party at a PDT

In order to provide for the possibility of changing the balance responsible party at a PDT, a respective process shall be implemented. The process shall be realised by two communication scenarios – request for change of balance responsible party at a PDT and confirmation of the change by the new balance responsible party.

1. **Request for change of balance responsible party allocated to the point of delivery**

The request shall be processed identically to a new request for a change of supplier.

1. **Confirmation of change of balance responsible party by the balance responsible party**

With regard to the fact that confirmation by the balance responsible party is the only confirmation of the change of supplier process, acceptance of a message shall automatically include setting of the request status to approved or rejected according to the action specified in the approval.

Depending on the entity to have initiated the request for change of supplier, which may be the existing supplier and the existing balance responsible party, the following shall be executed within confirmation of change of balance responsible party:

* Change of BRP is requested by the existing balance responsible party



Fig. 12 – Change of balance responsible party by the existing BRP

In addition to changing the balance responsible party of the PDT for the respective period, confirmation of change of balance responsible party shall include extension of the hierarchy of handover of responsibility for PDT (it will be possible to register up to 5 so-called supervisors; they shall not intervene in the process of imbalance settlement, but they shall be eligible to access metered data registered by the PDT).

* Change of BRP is requested by the existing supplier



Fig. 13 – Change of balance responsible party by the existing supplier

In addition to changing the balance responsible party of the PDT for the respective period, confirmation of change of balance responsible party will include deletion of all PDT supervisors for the respective period.

### Observer assignment at the PDT

Reflecting law changes applicable from 2011, new com. scenario Observer assignment at the PDT is introduced. An RMP is entitled to request for assignment, if being provider of balance responsible party at the PDT. In certain cases these entitlement is transferred to DSO/TSO (see below). This way assigned RMP will be able to view all the PDT data, that are accessible only for BRP resp. DSO/TSO.

|  |  |
| --- | --- |
| **PDT type** | **Entitled RMP** |
| 1001 - Combined | Subject of settlement |
| 1002 - Consumption | Subject of settlement |
| 1004 - Virt. PDT for BRP | Subject of settlement |
| 1007 - Virt. PDT for BRP and net | Subject of settlement |
| 1023 - PofT DS/DS | DSO |
| 1025 - PofT TS/DS | TSO/DSO |

**Process of observer assignment**

1. *Request creating and sending*

The request for assignment is generated in the RMP system and sent to market operator system. In the message, there is specified assignee RMP and the role for assignment, 119 - Observer. The action type used is OBS - Observer assignment. The lenght of assignment can be changed by sending request with modified period. If an assignment cancellation is requiered, the RMP identification (EIC) in the request is not specified. The process statsu is not used in the scenario.

1. *Request proceeding in CDS OTE*

After message is received, confirmation is sent to the RMP. If all requirements for both RMPs are met, the assignment is carried out.

The request copy is sent to the requestor and the observer, if message soecified.

### Imbalance responsibility transfer

It is possible to request registration of imbalance responsibility transfer to a BRP electronically. The scenarion take place among RMP, CDS, proposed and present BRP.

**a) Imbalance responsibility transfer course:**

1. *Request creating and sending*

The request is created in the RMP system. In the message, there is specified a position, at which the BRP is proposed to be assigned:

* DST - BRP at the default position
* SST - BRP at the secondary position

The message is therefore sent to CDS OTE, msg\_code GB1.

1. *Request proceeding in CDS OTE*

After receiving the request, the confirmation is sent to the sender - msg\_code GB2. Subsequently an information message about imb. resp. transfer is created and is sent to the proposed BRP to give a statement, msg\_code GB3, status ANP. A copy of data is sent to the RMP and in the case of default resp. transfer also to the present BRP.

1. *Proposed BRP statement*

The proposed BRP sent the statement to CDS, msg\_code GB4. The status in the message is set either to the value ANY, in case of acceptation, or to the value ANN, in case of rejection. CDS confirms the receipt with the response message – msg\_code GB5.

*4. Statement proceeding in CDS OTE*

After receiving the statement and in dependence of the message status, the check of financial insurance is effected and the imb. resp. transfer registration is acomplished. The result is sent to all process participants - msg\_code\_GB3, status ANY or ANN.

See below a grafical representation of the imbalance responsibility transfer process:

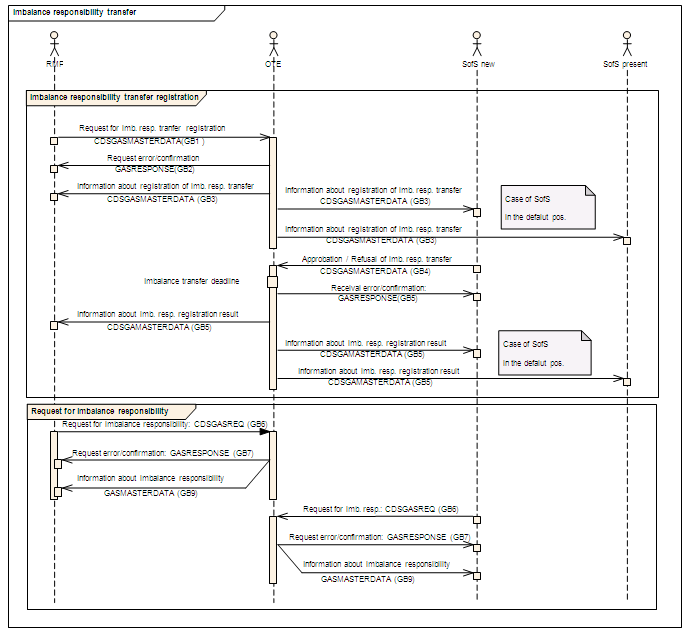


Fig. 14 – Change of balance responsible party by the existing supplier

# Formats according to EDIGAS specification

##### usage overview

Messages according to EDIGAS 4.0 format will be used for communication with CDS OTE in the selected areas. The formats include the following:

* GASDAT – provision of preliminary and metered data, combustible heat, own losses, change of accumulation
* ALOCAT – provision of allocations
* NOMINT – sending and forwarding of nominations of all types
* NOMRES – sending and forwarding of confirmations of nominations of all types
* SHPCDS – sending of shipper code lists to OTE by the individual operators
* IMBNOT – provision of all types of imbalances and unused tolerance
* APERAK – notification of the result of validation and acceptance of a message by the receiver (accepted or an error)

For the purpose of clarity, provided below is not a description of the individual formats, but directly the activities that the messages are used in. Relevant communication scenarios and mapping of data to items (attributes) of a message are provided for each area.

The template of the standard had to be modified in reasoned cases in order to cover the process requirements of the national environment. A reference to a XSD template is provided for each format (mandatory fields and allowed values may differ from the standard).

Additional code lists to limit the allowed values are used for certain items of selected messages:

|  |  |
| --- | --- |
| **Code list** | **Description** |
| CLCDS001 | Type |
| CLCDS002 | Coding scheme |
| CLCDS003 | Role |
| CLCDS010 | Contract type |
| CLCDS011 | Quantity type |
| CLCDS012 | Measurement unit |
| CLCDS013 | Value status |
| CLCDS014 | Status type |
| CLCDS020 | Nomination (sub)type |
| CLCDS021 | Nomination status |
| CLCDS022 | Allocation type |
| CLCDS023 | Measure point type |
| CLCDS024 | Product |
| CLCDS025 | Imbalance type |
| CLCDS026 | Version |
| CLCDS027 | Type nominations for authorization |
| CLCDS028 | The Kind of of the balancing actions |
| CLCDS029 | Market type |
| CLCDS030 | Market operator |
| CLCDS031 | Product |
| CLCDS032 | Language |
| CLCDS033 | The reason of the balancing action |
| CLCDS034 | Meter reading reason |
| CLCDS050 | Reception status |
| CLCDS051 | Reason code |

Code lists and changed data types are saved in a special XSD template. CODE-LISTS-CDS and CORE-CMPTS-CDS files in the .xsd format are saved here:

[EDIGAS\GLOBALS](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\EDIGAS\GLOBALS)

The individual code list items are covered by the sections dedicated to item mapping.

## Metering and allocations

##### communication scenarios

##### DSO sender

**Scheme of message provision (metering A,B)**



**Scheme of message provision (metering C)**



**Scheme of message provision (other data)**



##### tso sender

**Scheme of message provision (metering A,B)**



##### use of messages

##### ALOCAT (Allocation)

The message will be sent for sending allocations.

| **ALOCAT** | **M** | **Length** | **Mapping** |
| --- | --- | --- | --- |
| **Allocation** |  |  | Message header |
| **IDENTIFICATION** | M | 35 | Generated by the sender in the format: ALOCATYYYYMMDDAxxxxx |
| **TYPE** | M | 3 | 95G = Preliminary allocations  96G = Actual allocations  97G = Corrective allocations (in the version for final monthly settlement)  98G = Current version of allocated data |
| **CREATION DATE TIME** | M | see Edig@s General Guidelines 1.20 | Date and time of document creation. Generated by the sender in the format:  YYYY-MM-DDTHH:MM:SS±hh:mm |
| **VALIDITY PERIOD** | M | see Edig@s General Guidelines 1.20 | Date and time of validity (from-to). Generated by the sender in the format:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm |
| **CONTRACT REFERENCE** | M | 35 | EIC code of BRP |
| **CONTRACT TYPE** | M | 3 | CT |
| **ISSUER IDENTIFICATION - CODING SCHEME** | M | 3 | 305 = EIC code |
| **ISSUER IDENTIFICATION** | M | 16 | EIC code of the sender |
| **ISSUER ROLE** | M | 3 | ZSO = System Operator (TSO)  ZRO = Regional grid Operator (DSO) |
| **RECIPIENT IDENTIFICATION – CODING SCHEME** | M | 3 | 305 = EIC code |
| **RECIPIENT IDENTIFICATION** | M | 16 | EIC code of the recipient |
| **RECIPIENT ROLE** | M | 3 | ZSX = Balance Area Operator |
| **ORIGINAL MESSAGE IDENTIFICATION** |  | 35 | Reference to the original message (request) |
| **ConnectionPointInformation** |  |  | OPM (1 to N for one document) |
| **LINE NUMBER** | M | 6 | Sequence number of the line |
| **TIME SERIES TYPE** | M | 16 | Z01 = Allocated (preliminary and actual allocations)  Z05 = Forecast (reserved allocated capacity) |
| **CONNECTION POINT – CODING SCHEME** | M | 3 | 305 = EIC code |
| **CONNECTION POINT** | M | 16 | EIC PDT code |
| **SUBCONTRACT REFERENCE** |  | 35 | not to be used |
| **EXTERNAL SHIPPER ACCOUNT – CODING SCHEME** |  | 3 | ZSO = System Operator code |
| **EXTERNAL SHIPPER ACCOUNT** |  | 16 | Shipper code external or SUMM (summary value for BRP and PDT) |
| **INTERNAL SHIPPER ACCOUNT – CODING SCHEME** |  | 3 | ZSO = System Operator code |
| **INTERNAL SHIPPER ACCOUNT** |  | 16 | Shipper code internal or SUMM (summary value for BRP and PDT) |
| **Period** |  |  | Value of allocation for a gas day (1 to N for one ConnectionPoint) |
| **TIME INTERVAL** | M | see Edig@s General Guidelines 1.20 | Gas day in the format from-to:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm |
| **DIRECTION** | M | 3 | Z02 = Input in the system  Z03 = Output from the system |
| **QUANTITY** | M | 17 | Allocation value (integral number without sign) |
| **MEASURE UNIT** | M | 3 | KWH = Kilowatt hours (KWh)  MQ5 = Normal cubic meter (nm³) |
| **ALLOCATION SCHEME** | M | 3 | 04G = Pro rata  05G = SBA (Shipper balancing agreement)  06G = OBA (Operational balancing agreement)  07G = Pro/SBA |
| **GCV Estimated Information** |  |  | Not to be used |

The complete file of a ALOCAT message used by CDS OTE in the .xsd format is saved here:

[EDIGAS\ALOCAT](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\EDIGAS\ALOCAT)

##### an example of a message in Alocat format

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Alocat – allocation, output from the system | [EDIGAS\ALOCAT\EXAMPLE\Alocat\_alokace\_vystup\_ze\_soustavy.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\EDIGAS\ALOCAT\EXAMPLES\Alocat_alokace_vystup_ze_soustavy.xml) |

##### GASDAT (Gasdata)

The message will be used for sending metered data.

| **GASDAT** | **M** | **Length** | **Mapping** |
| --- | --- | --- | --- |
| **GasdatDocument** |  |  | Message header |
| **IDENTIFICATION** | M | 35 | Generated by the sender in the format: GASDATYYYYMMDDAxxxxx |
| **VERSION** | M | 3 | DSO/TSO filling – Version of the sent document.  The version number is increased with every sending of the document.  OTE filling – Version of saved data  On CDS output, filled with the version of sent data:  00 – Version for daily settlement  10 – Version for monthly settlement  11 – Version for monthly clearing  20 – Version for final monthly settlement  21 – Version for final monthly clearing  99 – Current version of the data |
| **TYPE** | M | 3 | 87G = Metered data  87X = Metered data - cancel |
| **CREATION DATE TIME** | M | see Edig@s General Guidelines 1.20 | Date and time of document creation. Generated by the sender in the format:  YYYY-MM-DDTHH:MM:SS±hh:mm |
| **VALIDITY PERIOD** | M | see Edig@s General Guidelines 1.20 | Validity date and time (from-to). Generated by the sender in the format:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm  Filled with the beginning and end of the interval of metered data. |
| **ISSUER IDENTIFICATION - CODING SCHEME** | M | 3 | 305 = EIC code |
| **ISSUER IDENTIFICATION** | M | 16 | EIC code of the sender |
| **ISSUER ROLE** | M | 3 | ZSO = System Operator (TSO)  ZRO = Regional grid Operator (DSO) |
| **RECIPIENT IDENTIFICATION – CODING SCHEME** | M | 3 | 305 = EIC code |
| **RECIPIENT IDENTIFICATION** | M | 16 | EIC code of the recipient |
| **RECIPIENT ROLE** | M | 3 | ZSX = Balance Area Operator |
| **ORIGINAL MESSAGE IDENTIFICATION** |  | 35 | Reference to the original message (request) |
| **RelevantParty** |  |  | 1 to N for one document |
| **ROLE** | M | 3 | ZSO = System Operator (PPS)  ZRO = Regional grid Operator (PDS)  SU = Supplier |
| **Location** |  |  | 1 to N for one RelevantParty |
| **Measure PointType** | M | 3 | 19G = Connection point |
| **Measure Point – CODING SCHEME** | M | 3 | 305 = EIC code |
| **Measure Point** | M | 16 | EIC code of PDT |
| **MeterInformation** |  |  | 1 to N for one Location |
| **Line Number** | M | 6 | Sequence number of the line |
| **Product** | M |  | Product code list:   * QI11 = Metered volume – production (interval metering) * QI12 = Metered volume – consumption (interval metering) * QH11 = Metered volume – production (interval metering) – historical data * QH12 = Metered volume – consumption (interval metering) – historical data * QN12 = Metered volume – consumption (non-interval metering) * AI11 = Energy produced (interval metering) * AI12 = Energy consumed (interval metering) * AH11 = Energy produced (interval metering) – historical data * AH12 = Energy consumed (interval metering) – historical data * AN12 = Energy consumed (non-interval metering) * AC10 = Change of accumulation * QC10 = Change of accumulation (m3) * ES10 = Planned estimate of annual consumption * QS10 = Planned estimate of annual consumption (m3) * ES20 = Planned month consumption * QS20 = Planned month consumption (m3) * LR10 = Actual own losses * LP10 = Planned own losses * DC10 = Distribution capacity * TC10 = Transport capacity (m3) * TC20 = Transport capacity (kWh) * CT10 = Combustible heat - preliminary value * CT20 = Combustible heat - actual metered value * AI91 = Substitute values – Energy produced (based on real data) * AI92 = Substitute values – Energy consumed (based on real data) * AD92 = Day values based on estimated year consumption * SNxy\* = Group LP not corrected for TO x, LP class y, supplier and grid * SKxy\* = Group LP corrected for TO x, LP class y, supplier and grid * TAy = Weather conditions (temperature) – actual or predicted, for TO y * TBy = Weather conditions (temperature) – actual normal, for TO y * DNxy\* = Normalised LP values for TO x, LP class y * DKxy\* = Re-calculated LP values for TO x, LP class y * JKxy\* = Temperature correction coefficient for TO x, LP class y * A42 = Calculated residual profile of DS - consumption * A50 = Behaviour diagram of correlation element for residual balance DS * CL11 = Clearing – PDT positive imbalance * CL12 = Clearing – PDT negative imbalance * CL10 = Day value of meter reading * CL20 = Day estimated value for imbalance settlement * ASA1 = Aggregated value, metering A, production * ASA2 = Aggregated value, metering A, consumption * ASB1 = Aggregated value, metering B, production * ASB2 = Aggregated value, metering B, consumption * ASC1 = Aggregated value, metering C, generation * ASC2 = Aggregated value, metering C, consumption * ASD2 = Aggregated value, metering CM, consumption * ASA4 = Aggregated value of consumption, metering A, production * ASB4 = Aggregated consumption value, metering B, production * ASC4 = Aggregated consumption value, metering C, production * ASD4 = Aggregated consumption value, metering CM, production * A3A1 = Aggregated supply value, metering A, points of transfer * A3B1 = Aggregated supply value, metering B, points of transfer * A3A2 = Aggregated consumption value, metering A, points of transfer * A3B2 = Aggregated consumption value, metering B, points of transfer * ASE1 = Aggregated allocation - entry * ASE2 = Aggregated allocation - exit * A81 = Aggregated values consumption (for BRP) * A82 = Aggregated values production (for BRP) |
| **Measurement** |  |  | 0 to N for one MeterInformation |
| **Effective Date Time** | Xor | see Edig@s General Guidelines 1.20 | Date and time of metering in the format:  YYYY-MM-DDTHH:MM±hh:mm  Filled with the end of interval of metered data, otherwise re-written (see Effective Time Interval). This field is currently not used. |
| **Effective Time Interval** | Xor | see Edig@s General Guidelines 1.20 | Interval of metered data in the format:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm  Filled with the beginning and end of the interval of metered data. |
| **Input Date Time** |  | see Edig@s General Guidelines 1.20 | Date and time of metering acceptance to CS OTE system in the format:  YYYY-MM-DDTHH:MM±hh:mm |
| **Measurement Type** | M | 3 | Metering type (by product): ZCE = Allocation quantity ZLA = Volume at normal conditions ZNV = Net Caloric value |
| **Measurement Value** | M | 17 | Metered volume including sign  integral number; 4 decimal places allowed for CT10 (combustible heat) |
| **Measure Unit** | M | 3 | Metering unit (by product and metering type):  KWH = Kilowatt hours (KWh)  P1 = Percent  MQ5 = Normal cubic meter (nm³)  KW3 **=** Kilowatt hour per cubic meter (kWh/m³)  Z99 = Not specified (to be used in other cases, e.g. for transfer of coefficients for application of LP methodology) |
| **Measurement Reason** |  | 2 | Meter reading reason:  01 = Periodic reading with settlement  02 = Interim reading with settlement  03 = Final reading with settlement  09 = Interim reading withnout settlement |
| **Status** |  |  | 0 to N for one Measurement (When not filled, the value is considered valid) |
| **Status Type** | M | 3 | Status type:  03G = Status of the meter reading. Additional information of meter reading status. |
| **Status Value** | M | 3 | Status code: 20G = Value estimated by Network company  96G = Value not applicable to settlement process |

\* for LP classes 10 - 12 tag A - C is used

Mandatory/optional character of selected attributes according to the scheme for document type 87G, see the following scheme:

|  |  |  |  |
| --- | --- | --- | --- |
| **Class** | **Attribute** | **Note** | |
| **87G** |  |
| GasdatDocument | Identification | M |  |
| Version | M |  |
| Type | 87G | Measurement information |
| CreationDate | M |  |
| ValidityPeriod | M |  |
| ContractReference |  |  |
| ContractType |  |  |
| IssuerIdentification | M |  |
| IssuerRole | M |  |
| RecipientIdentification | M |  |
| RecepientRole | M |  |
| Relevantparty | PartyIdentification |  |  |
| PartyRole | ZRO/ZSO | Regional grid operator /System operator |
| Location | MeasurePointType | 19G | Connection Point |
| MeasurePoint | M |  |
| RelatedLocation |  |  |
| PreviousReadingDate |  |  |
| LatestReadingDate |  |  |
| ValidityPeriod |  |  |
| MeterInformation | LineNumber | M |  |
| Product | M |  |
| EquipmentIdentification |  |  |
| EquipmentDescription |  |  |
| MeteredParty |  |  |
| MeteredPartyRole |  |  |
| Characteristics |  |  |
| Measurement | EffectiveDateTime | Xor |  |
| EffectiveTimeInterval | Xor |  |
| InputDateTime |  |  |
| MeasurementType | M |  |
| MeasurementValue | M |  |
| MeasureUnit | M |  |
| MeasurementReason |  |  |
| Status | StatusType | O |  |
| StatusValue | O |  |

Legend: M – mandatory, O – optional, Xor – either of the fields has to be filled

**Product combinations when sending data to CS OTE**

Only certain product combinations according to the below table shall be allowed in a single message when data are sent to the CS OTE system:

|  |  |  |
| --- | --- | --- |
| **Product 1** | **Product 2** | **Note** |
| QI11 | AI11 | Interval metering (supply) |
| QI12 | AI12 | Interval metering (consumption) |
| QH11 | AH11 | Interval metering (supply) - hist. data |
| QH12 | AH12 | Interval metering (consump.) - hist. data |
| QN12 | AN12 | Non-interval metering (consumption) |
| QC10 | AC10 | Change of accumulation |
| QS10 | ES10 | Planned consumption (year) |
| QS20 | ES20 | Planned consumption (month) |
| LP10 | - | Planned own losses |
| LR10 | - | Actual own losses |
| DC10 | - | Distribution capacity |
| TC10 | TC20 | Transport capacity |
| CT10 | CT20 | Combustible heat |

**Specification of the version of data provided by CS OTE**

The data in the CS OTE system necessary for calculation of imbalances are provided with the possible designation of the version, according to the settlement version the data are used for

* preliminary values
* actual values
* corrective values

If the data are sent by DS and TS operators, the version of the data needn’t be specified as the version will be determined by the CDS system.

Request for sending data of a specific version is specified in the data inquiry (CDSEDIGASREQ) by the attribute CDSEDIGASREQ/Location/@version

Version code list

* 00 – preliminary values / first update (for temperature)
* 01 – second update (for temperature)
* 10, 11 – actual values
* 20, 21 – corrective
* 99 – actual data

If the version is not specified or 99 is filled, the last valid data will be returned; the version – current data – will be identified in the output message (GASDAT, ALOCAT).

***GASDAT message***

The version is identified by the attribute GasdatDocument/@Version

Version code list

* 00 – preliminary values
* 10, 11 – actual values
* 20, 21 – corrective
* 99 – current data

In case of automatic data provision or upon inquiry without specification of the version, the output message will contain version 99 current data.

If an inquiry includes specification of the version, the specified version of the data will be provided. If not available, an error message will be returned (APERAK)

***ALOCAT message***

The version is identified using Alocation/@Type

* 95G – Preliminary values
* 96G – Actual values
* 97G  - Corrective values
* 98G – Current data

In case of automatic data provision or upon inquiry without specification of the version, the message with Type=98G will provided.

If an inquiry includes specification of the version, the specified version of the data will be provided. If not available, an error message will be returned (APERAK)

**Link between the inquiry and the Gasdat product field**

When a CDSEDIGASREQ inquiry is sent, a group of data identified by the Product field in the Gasdat message will be returned for the specific msg code of the inquiry. The link between the inquiry and the product group is described by the below table.

|  |  |  |  |
| --- | --- | --- | --- |
| **Product** | **Description** | **Inquiry** | **Description of inquiry** |
| QI11 | Metered volume – production (interval metering) | GM1  GO5 | Metering values (interval metering)  Historic consumption (A,B) |
| QI12 | Metered volume - consumption (interval metering) |
| AI11 | Energy production (interval metering) |
| AI12 | energy consumed (interval metering) |
| AI91 | Substitute values – Energy produced (based on real data) | GM3 | Substitute / daily values |
| AI92 | Substitute values – Energy consumed (based on real data) |
| AD92 | Day values based on estimated year consumption |
| AC10 | Change of accumulation | GM5 | Change of accumulation |
| QC10 | Change of accumulation (m3) |
| QN12 | Metered volume – consumption (non-interval metering) | GM7 | Actual values (non-interval metering) |
| AN12 | Energy consumed (non-interval metering) |
| ES10 | Planned estimate of annual consumption | GM9 | Planned estimate of annual consumption |
| QS10 | Planned estimate of annual consumption (m3) |
| ES20 | Planned month consumption | GMV | Planned month consumption |
| QS20 | Planned year consumption (m3) |
| CT10 | Combustible heat - preliminary value | GMB | Combustible heat |
| CT20 | Combustible heat - actual metered value |
| DC10 | Distribution capacity | GMD | Distribution capacity |
| TC10 | Transport capacity (m3) | GMF | Transport capacity |
| TC20 | Transport capacity (kWh) |
| LR10 | Actual own losses | GMH | Actual own losses |
| LP10 | Planned own losses | GMJ | Planned own losses |
| A81 | Aggregated values – generaton (per BRP) | GML | Aggregated values for BRP |
| A82 | Aggregated values – consumption (per BRP) |
| ASA4 | Aggregated actual value of consumption, metering A, production | GMN | Data for DS broken down to A, B, C, CM |
| ASB4 | Aggregated actual value of consumption, metering B, production |
| ASC4 | Aggregated actual value of consumption, metering C, production |
| ASD4 | Aggregated actual value of consumption, metering CM, production |
| A3A1 | Aggregated actual value of supply, metering A, points of transfer |
| A3B1 | Aggregated actual value of supply, metering B, points of transfer |
| A3A2 | Aggregated actual value of consumption, metering A, points of transfer |
| A3B2 | Aggregated actual value of consumption, metering B, points of transfer |
| ASA1 | Aggregated actual value of supply, metering A, production |
| ASA2 | Aggregated actual value of consumption, metering A, consumption |
| ASB1 | Aggregated actual value of supply, metering B, production |
| ASB2 | Aggregated actual value of consumption, metering B, consumption |
| ASC1 | Aggregated actual value of consumption, metering C, generation |
| ASC2 | Aggregated actual value of consumption, metering C, consumption |
| ASD2 | Aggregated actual value of consumption, metering CM, consumption |
| ASE1 | Agregated allocation - entry |
| ASE2 | Agregated allocation - exit |
| ASA1 | Aggregated actual value of supply, metering A, production | GMP | Summary values for BRP broken down to A, B, C, CM |
| ASA2 | Aggregated actual value of consumption, metering A, consumption |
| ASB1 | Aggregated actual value of supply, metering B, production |
| ASB2 | Aggregated actual value of consumption, metering B, consumption |
| ASC1 | Aggregated actual value of consumption, metering C, generation |
| ASC2 | Aggregated actual value of consumption, metering C, consumption |
| ASD2 | Aggregated actual value of consumption, metering CM, consumption |
| ASE1 | Agregated allocation - entry |
| ASE2 | Agregated allocation - exit |
| ASA1 | Aggregated actual value of supply, metering A, production | GMR | Summary values for BRP and grid broken down to A, B, C, CM |
| ASA2 | Aggregated actual value of consumption, metering A, consumption |
| ASB1 | Aggregated actual value of supply, metering B, production |
| ASB2 | Aggregated actual value of consumption, metering B, consumption |
| ASC1 | Aggregated actual value of consumption, metering C, generation |
| ASC2 | Aggregated actual value of consumption, metering C, consumption |
| ASD2 | Aggregated actual value of consumption, metering CM, consumption |
| ASE1 | Agregated allocation - entry |
| ASE2 | Agregated allocation - exit |
| AI92 | Substitute values – Energy consumed (based on real data) | GMT | Daily values C |
| AD92 | Day values based on estimated year consumption |
| AI12 | Energy consumed (interval metering) | GO1 | Real values history |
| AH12 | Energy consumed (interval metering) – historical data |
| ES10 | Planned estimate of annual consumption |
| AI92 | Substitute values – Energy consumed (based on real data) | GO3 | History of consumption C, CM |
| AD92 | Day values based on estimated year consumption |
| TAy | Weather conditions (temperatures) – actual or predicted | GT1 | Data ofweather conditions (temperatures) |
| TBy | Weather conditions (temperatures) – actual normal |
| DNxy | Standardised LP values for TO x, LP y | GT3 | LP data |
| DKxy | Recalculated LP values for TO x, LP y |
| JKxy | Temperature correction coefficient for TO x, TDD y | GT5 | Temperature correction coefficient |
| J42 | Calculated residual profile of DS – consumption | GT7 | Diagram of residual balance of DS |
| J50 | Behaviour diagram of correction agent for residual balance of DS |
| SKxy | Group LP not corrected for TO, LP, BRP and the grid | GT9 | Estimated consumption diagram of a PDT group (C, CM) |
| SNxy | Group LP corrected for TO, LP, BRP and the grid |
| CL11 | Clearing – PDT positive imbalance | GTB | Clearing imbalance |
| CL12 | Clearing – PDT negative imbalance |
| CL10 | Day value of meter reading |
| CL20 | Day estimated value for imbalance settlement |

The complete GASDAT message file used by CDS OTE in the .xsd format is saved here:

[EDIGAS/GASDAT](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\EDIGAS\GASDAT)

##### Example of a Gasdat format message

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Gasdat – actual values (interval) | [EDIGAS\GASDAT\EXAMPLE\Gasdat\_produkty\_QI12\_AI12.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\EDIGAS\GASDAT\EXAMPLES\Gasdat_produkty_QI12_AI12.xml) |

## Nominations

##### general information

##### Types of nominations

* The following types of nominations will be processed by OTE:
  + nominations of transport (T)
  + nominations of distribution (D)
  + nominations of storage (S)
  + nominations of engagement to ship and to withdraw (hereinafter as ES/EW)
  + registration of transaction of trading with unused tolerance (as a specific subtype of ES/EW nomination)registration of transaction of trading with unused flexibility (as a specific subtype of UFP/UFN nomination)

##### sending and receiving nominations

* Nominations may only be made by BRP (i.e. not RMP) to have registered the activity “Nomination for gas”.
* OTE will accept nominations of ES/EW, transport, distribution and storage from BRP.
* OTE will also accept nominations of transport, distribution and storage from the individual operators who accepted the nominations directly from BRP.
* If a BRP sends an identical nomination of transport, distribution or storage to OTE and the operator, the last nomination accepted by the OTE system will be used for processing, according to the time stamp.
* OTE will confirm only nominations by BRP to have sent their nominations directly to OTE.

##### a simplified nomination structure is presented by the below table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Nomination of ES-EW** | **Nomination of transport** | **Nomination of distribution** | **Nomination of storage** |
| **BRP** | * EIC of BRP | * EIC of BRP | * EIC of BRP | * EIC of BRP |
| **PDT** | * EIC of PDT * Nomination subtype * EIC of counterparty BRP | * EIC of PDT | * EIC of PDT | * EIC of PDT |
| **Period + value** | * gas day * KWh | * gas day * KWh | * gas day * KWh | * gas day * KWh |
| **Breakdown to BDS, CGD and PEG** | - | * internal and external shipper code (importer/customer) * KWh | * internal and external shipper code (importer/customer) * KWh | - |
| **Breakdown to Virtual UGS** | - | * internal and external shipper code (storage contract) * KWh | - | * internal and external shipper code (reserved storage capacity) * KWh |

##### communication scenarios

##### Nominations of ES/EW (subtypes BK, PO, SO), transport, distribution and storage

TSO

DSO

SSO

BRP

BRP

OTE

Nom. ES/EW,T,D,S

Nom. T,D,S

Nomination

T

,

D

,

S

Nomination

T,D,S

,

Not. about shortage

Not.about shortage

Nomination

T

,

D

,

S

(funded)

adjacent

TSO

DSO

SSO

T,D,S nomination matching

Nomination

T

,

D

,

S

(

confirmed

)

Conf. of nom. ES/EW,T,D,S

.

Potvrzení nom

.

P

,

D

,

U

1

1

2

3

4

Funding

5

6

6

7

8

9

9

Nomin. ES / EW

1

Closing

nom

.

window

3

b

Closing

message

3

a

Closing

message

5

a

Not. about counterparty ES nom.

1

a

###### nominations of ES/EW (subtypes FK, VO)

TSO

BRP

OTE

Nomination ES/EW (FK)

Conf. of nom. ES/EW (FK)

.

1

4

Funding

9

Nomination ES/EW (FK)

Counterparty notification of nomination ES/EW (FK)

1

1

a

Creation of VO nomination beetween OTE-TSO

10

Conf. of nom. ES/EW (VO)

13

Counterparty notification of nomination ES/EW (VO)

11

Nomination ES/EW (VO)

12

##### nomination of transport, distribution and storage

**Shipper**

**System operator**

Nomination T,D,S (01G, NOMINT)

Notif. about shortage

(

07

G

,

NOMRES

)

6

1

Nomination T,D,S (01G, NOMINT)

1

Nomination T,D,S (01G, NOMINT)

2

Nominace P

,

D

,

U

(

01

G

,

NOMINT

)

3

Nomination T,D,S (funded) (02G, NOMINT) P

5

Notif. about shortage

(

07

G

,

NOMRES

)

6

Nomination T,D,S (confirmed) (08G, NOMRES)

8

Conf. of nom. T, D, S

(

08

G

,

NOMRES

)

9

Conf. of nom T, D, S

.

(

08

G

,

NOMRES

)

9

**Transport phase**

7

**Counter system**

**operator**

Nomination matching T,D,S

(

DELORD

/

DELRES

)

The communication

regime depends

on the operators

**Balance area operator**

Nomination funding

4

Nomination T,D,S - closing message(01G, NOMINT)

3

a

Closing nomination window

(

01

G

,

NOMINT

)

3

b

Nomination T,D,S (funded)

- closing message (02G, NOMINT)

5

a

By HH

:

10

Schedule of closing nom. window (HH:00):

-

14

:

00

day D

-

1

(

nomination)

-

16

:

00

day D

-

1

(

renomination)

-

20

:

00

day D

-

1

(

renomination)

-

00

:

00

day D

-

1

(

renomination)

-

post each hour from 4:00 day D-1 to 3:00 day D

-

(renominaion)

At the latest HH:01

By HH +2:00 (for nomination windows by 00:00 day D-1)

By HH +1:00 (for others nomination windows)

Remarque: From 1.1.2011, the Nomres 01G and 08G for distribution nomination at the PDT type PEG (producer´s extractive gas-line) will be sent to subjects registrated at the PDT (i.e. producers).

##### nomination of an ENGAGEMENT to SHIP and an ENGAGEMENT to WITHDRAW (subtypes BK)

This includes nominations of bilateral contracts and the handover by BRP.



##### nomination of an ENGAGEMENT to SHIP and an ENGAGEMENT to WITHDRAW (subtypes PO, SO)

This includes nominations for settlement of preliminary and actual imbalance by BRP.



##### nomination of an ENGAGEMENT to SHIP and an ENGAGEMENT to WITHDRAW (SUBtypE DTD, DTO)

Includes nomination from OTE day-ahead market.

**Market trader**

**Balance area operator**

Conf. of ES/EW nom. (20G, NOMRES)

.

**Exchange nomination phase**

**(**

**nominace DTD**

**,**

**DTO**

**)**

**OTE daily market**

1

Nom. ES/EW, subtypes DTD, DTO

(

55

G

,

NOMINT

)

9

1

a

Not. about counterparty ES/EW nomin.

subtypes DTD,DTO (19G, NOMRES)

\*\*

PPS only \*\*

Confirmation of the nomination

(

just after receiving

)

4

After closing

trading

of the seance

of DM

From 1.1.2011, on the day-ahead market, there is only morning seance (DTD nomiantion).

##### nomination of an ENGAGEMENT to SHIP and an ENGAGEMENT to WITHDRAW (SUBtypE IM)

Includes nomination from z intraday OTE market.

**Market trader**

**Balance area operator**

Conf. of ES/EW nom. (20G, NOMRES)

**Exchange nomination phase**

**(**

**nominace VT**

**)**

**OTE intraday market**

1

Nom. ES/EW, subtype IM - prel. aggregation

(

55

G

,

NOMINT

)

9

1

a

Not. about counterparty ES/EW nom.

subtype IM (19G, NOMRES)

\*\*

TSO only \*\*

Actualisation and conf. of the nomination

(

just after receiving

)

4

After closing

IM trading

Actualisation of running nomination

(

just after receiving

)

4

1

Nom. ES/EW, subtype IM - prel. aggregation

-

(

55

G

,

NOMINT

)

After gas day

ending

.

1

a

Not. about counterparty ES/EW nom.

subtype IM (19G, NOMRES)

\*\*

TSO only \*\*

...

##### nomination of an ENGAGEMENT to SHIP and an ENGAGEMENT to WITHDRAW (subtpe FK)

This includes nominations of flexible contracts between TSO and BRP.

**Market trader**

**Balance area operator**

Nom. ES/EW, subtype FK (55G, NOMINT)

1

Conf. of. nom. ES/EW (20G, NOMRES)

9

**Exchange nomination phase**

**(**

**nominace FK**

**)**

**System operator**

1

Nom. ES/EW, subtype FK (55G, NOMINT)

Conf. of. nom. ES/EW (20G, NOMRES)

Nomination matching

and funding

4

9

Schedule of closing nom. window (HH:00):

-

14

:

00

day D

-

1

(

nominanation)

-

post each hour from 15:00 day D-1 to 5:00 day D (renomination)

At the latest HH:01

By HH +1:00

1

a

Counterparty notification of nomination ES/EW (FK)

(

19

G

,

NOMRES

)

##### nomination of an ENGAGEMENT to SHIP and an ENGAGEMENT to WITHDRAW (subtype VO)

This includes nominations for natural settlement of imbalances of BRP between OTE and TSO.

**Balance area operator**

**Exchange nomination phase**

**(**

**nominace VO**

**)**

**System operator**

Conf. of nom. ES/EW (20G, NOMRES)

Creation of VO nomination beetween OTE-TSO

10

13

After nomination processing in nomination window at 14:00 day D-1

Counterparty notification of nomination ES/EW (VO)

(

19

G

,

NOMRES

)

11

Nomination ES/EW, subtype VO (55G, NOMINT)

12

##### nomination of trading with unused tolerance

**Market trader**

**Balance area operator**

Nom. NT (55G, NOMINT)

1

Conf. of nom. NT (20G, NOMRES)

9

**Exchange nomination phase**

**Unused tolerance**

**Counter market trader**

1

Nom. NT (55G, NOMINT)

Conf. of nom. NT (20G, NOMRES)

Nomination matching

4

9

Schedule of closing nomination window

(

HH

:

00

):

-

post each hour from 13:00 of the 11th

calendar day to 9:00 of the 13th calendar

day in the month M+1

At the latest HH

:

01

By HH +1:00

1

a

Not. about counterparty NT nom.

(

19

G

,

NOMRES

)

1

a

Not. about counterparty NT nom.

(

19

G

,

NOMRES

)

##### NOMINATION OF TRADING WITH UNUSED flexibility



##### shipper codelist

**Balance area operator**

By shipper codelist

change

**System operator**

14

Shipper codelist (SHPCDS)

##### message formats

##### using roles in edigas messages

|  |  |  |
| --- | --- | --- |
| **PTP** | **EDIGAS – transport, distribution and storage** | **EDIGAS – engagements to ship and withdraw** |
| BRP | ZSH = Shipper | ZHC = Exchange Trader |
| TSO, DSO, SSO | ZSO = System Operator | - |
| DSO | ZRO = Regional grid Operator (only GASDAT and ALOCAT messages) | - |
| OTE | ZSX = Balance Area Operator | ZSX = Balance Area Operator |
| external customer/supplier, contract for storage, reserved storage capacity | ZES = External Shipper | - |

##### NOMINT (Nomination)

The message will be used for sending and forwarding nominations of all types.

| **NOMINT** | **M** | **Length** | **Mapping**  **Nominations P,D,U** | **Mapping**  **Nominations of OS/OT** |
| --- | --- | --- | --- | --- |
| **NominationDocument** |  |  | Nomination header | |
| **IDENTIFICATION** | M | 35 | Generated by the sender in the format: NOMINTYYYYMMDDAxxxxx  Re-generated when forwarded | Generated by the sender in the format: NOMINTYYYYMMDDAxxxxx |
| **TYPE** | M | 3 | 01G – Nomination of P,D,U  02G – Nomination of P,D,U financially secured by OTE | 55G – Nomination of ES/EW |
| **CREATION DATE TIME** | M | see Edig@s General Guidelines 1.20 | Date and time of document creation. Generated by the sender in the format:  YYYY-MM-DDTHH:MM:SS±hh:mm | |
| **ACCEPTANCE DATE TIME** | M | viz Edig@s General Guidelines 1.20 | Date and time of document reception. Generated by original recepient in the format:  YYYY-MM-DDTHH:MM:SS±hh:mm | |
| **VALIDITY PERIOD** | M | see Edig@s General Guidelines 1.20 | Date and time of validity (from-to). Generated by the sender in the format:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm  From: CREATION DATE TIME  To: end of the last gas day that the nomination applies to | |
| **CONTRACT REFERENCE** | M | 35 | EIC code of BRP | |
| **CONTRACT TYPE** | M | 3 | Z11 | Z11 |
| **ISSUER IDENTIFICATION - CODING SCHEME** | M | 3 | 305 = EIC code | |
| **ISSUER IDENTIFICATION** | M | 16 | EIC code of the sender | |
| **ISSUER ROLE** | M | 3 | ZSH = Shipper  ZSO = System Operator  (TSO, DSO, SSO – in case of forwarding to OTE)  ZSX = Balance Area Operator (OTE – in case of forwarding to operator) | ZHC = Exchange Trader  ZSO = System Operator |
| **RECIPIENT IDENTIFICATION – CODING SCHEME** | M | 3 | 305 = EIC code | |
| **RECIPIENT IDENTIFICATION** | M | 16 | EIC code of the receiver | |
| **RECIPIENT ROLE** | M | 3 | ZSO = System Operator  (TSO, DSO, SSO)  ZSX = Balance Area Operator (OTE) | ZSX = Balance Area Operator (OTE) |
| **ConnectionPointInformation** |  |  | OPM (1 to N for one document) | |
| **LINE NUMBER** | M | 6 | Sequence number of the line | |
| **CATEGORY** |  | 3 | Not to be used | |
| **SUBCONTRACT REFERENCE** |  | 35 | Nomination type, code list:   * TRA – transport * TRA\_SNG – transport, single sided * TRA\_DIV – transport - divided capacity * TRA\_DIV\_SNG – transport - divided capacity, single sided * DIS – distribution * STO – storage * LAST MESSAGE – end of batch * CLOSED – closing of the nomination window | Nomination subtype, code list:   * BK – bilateral contract (BRP1-BRP2) * PO – settlement of preliminary total imbalance of BRP (BRP1-OTE) * SO – settlement of actual total imbalance of BRP (BRP1-OTE) * DTD – trades on the morning day-ahead market (BRP1-OTE) * DTO – trades on the morning day-ahead market (BRP1-OTE) * VT – trades on intra-day market (BRP1-OTE) * VO – settlement of preliminary and actual total imbalance for all BRP’s (OTE-TSO) * FK – Balancing Service (BRP1-TSO) * NT- unused tolerance, bilateral contracts (BRP1-BRP2) * NTT- unused tolerance, UT market (BRP-OTE) * NFK - unused flexibility, positive * NFZ - unused flexibility, negative |
| **CONNECTION POINT – CODING SCHEME** | M | 3 | 305 = EIC code | |
| **CONNECTION POINT** | M | 16 | EIC code of PDT | |
| **INTERNAL SHIPPER ACCOUNT – CODING SCHEME** |  | 3 | ZSO = System Operator code | 305 = EIC code |
| **INTERNAL SHIPPER ACCOUNT** |  | 16 | Shipper code internal or SUMM (summary value for BRP and PDT) | EIC code of BRP |
| **ACCOUNT IDENTIFICATION – CODING SCHEME** | M | 3 | ZSO = System Operator code | 305 = EIC code |
| **ACCOUNT IDENTIFICATION** | M | 16 | Shipper code external or SUMM (summary value for BRP and PDT) | EIC code of counterparty BRP |
| **ACCOUNT ROLE** | M | 3 | ZES = External Shipper | ZES = External Shipper |
| **Period** |  |  | Value of nomination for one gas day (1 to N for one ConnectionPoint) | |
| **TIME INTERVAL** | M | see Edig@s General Guidelines 1.20 | Gas day in the format from-to:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm | |
| **DIRECTION** | M | 3 | Z02 = Input in the system  Z03 = Output from the system | |
| **QUANTITY** | M | 17 | Nomination value in KWh (integral number without sign) | |
| **MEASURE UNIT** | M | 3 | KWH = Kilowatt hours (KWh) | |
| **PRICE** |  | 10.2 | Price in CZK per 1 MWh (decimal number without sign)  (for NTT ,NFK ,NFZ nomination only - required) | |
| **CURRENCY** |  | 3 | Trade instruction currency  CZK = CZK  (for NTT ,NFK ,NFZ nomination only - required) | |
| **Status** |  |  | Not to be used | |
| **GCV Estimated Information** |  |  | Not to be used | |

**Notes on using the NOMINT message**

* If a nomination includes breakdown to shipper codes, it shall contain a summary line; the “SUMM” value shall be filled in the fields INTERNAL SHIPPER ACCOUNT and ACCOUNT IDENTIFICATION of the summary line.

**Ending message (operator🡪OTE, OTE🡪operator)**

A special NOMINT message of 01G type filled as follows shall be used for ending the batch of nominations sent between the operator and OTE (in both directions):

* BRP (**CONTRACT REFERENCE)**: EIC OTE
* PDT (**CONNECTION POINT)**: EIC VTP
* nomination type (**SUBCONTRACT REFERENCE)**: „LAST MESSAGE“

**Closing of a nomination window (OTE🡪 operator)**

A special NOMINT message of 01G type filled as follows shall be used for closing of a nomination window and commencing the process of nomination processing:

* BRP (**CONTRACT REFERENCE)**: EIC OTE
* PDT (**CONNECTION POINT)**: EIC VTP
* nomination type (**SUBCONTRACT REFERENCE)**: „CLOSED“

The complete file of the NOMINT message used by CDS OTE in the .xsd is saved here:

[EDIGAS/NOMINT](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\EDIGAS\NOMINT)

##### an example of a message in nomint format

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Nomination of transport (TRA) | [EDIGAS\NOMINT\EXAMPLE\Nomint\_TRA.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\EDIGAS\NOMINT\EXAMPLES\Nomint_TRA.xml) |

##### NOMRES (Nomination Response)

The message will be used for sending and forwarding confirmations of nominations of all types.

| **NOMRES** | **M** | **Length** | **Mapping**  **Confirmation of nomination of P,D,U** | **Mapping**  **Confirmation of nomination of OS/OT** |
| --- | --- | --- | --- | --- |
| **NominationResponse** |  |  | Nomination header | |
| **IDENTIFICATION** | M | 35 | Generated by the sender in the format: NOMRESYYYYMMDDAxxxxx  Re-generated when forwarded | Generated by the sender in the format: NOMRESYYYYMMDDAxxxxx |
| **TYPE** | M | 3 | 07G – Information about reduction of nominations of P,D,U  08G – confirmed nomination of P,D,U  RES – Response to inquiry by market participant  INF – Informative message | 19G – Information about counterparty nomination (used in relation to TSO)  20G – Confirmation of nomination of ES/EW  56G – Nomination of ES/EW - informative  RES – Response to inquiry by market participant |
| **CREATION DATE TIME** | M | see Edig@s General Guidelines 1.20 | Date and time of document creation. Generated by the sender in the format:  YYYY-MM-DDTHH:MM:SS±hh:mm | |
| **ACCEPTANCE DATE TIME** | M | viz Edig@s General Guidelines 1.20 | Date and time of document reception. Generated by original recepient in the format:  YYYY-MM-DDTHH:MM:SS±hh:mm | |
| **VALIDITY PERIOD** | M | see Edig@s General Guidelines 1.20 | Date and time of validity (from-to). Generated by the sender in the format:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm  From: CREATION DATE TIME  To: end of the last gas day that the nomination applies to | |
| **CONTRACT REFERENCE** | M | 35 | EIC code of BRP | |
| **CONTRACT TYPE** | M | 3 | Z11 | Z11 |
| **ISSUER IDENTIFICATION - CODING SCHEME** | M | 3 | 305 = EIC code | |
| **ISSUER IDENTIFICATION** | M | 16 | EIC code of the sender | |
| **ISSUER ROLE** | M | 3 | ZSO = System Operator (TSO, DSO, SSO)  ZSX = Balance Area Operator (OTE) | ZSX = Balance Area Operator (OTE) |
| **RECIPIENT IDENTIFICATION – CODING SCHEME** | M | 3 | 305 = EIC code | |
| **RECIPIENT IDENTIFICATION** | M | 16 | EIC code of the receiver | |
| **RECIPIENT ROLE** | M | 3 | ZSH = Shipper  ZSX = Balance Area Operator (OTE) | ZHC = Exchange Trader  ZSO = System Operator (TSO) |
| **ORIGINAL MESSAGE IDENTIFICATION** |  | 35 | Reference to the original message (request) | |
| **ConnectionPointInformation** |  |  | OPM (1 to N for one document) | |
| **LINE NUMBER** | M | 6 | Sequence number of the line | |
| **STATUS** | M | 3 | 16G = Confirmed  12G = Last accepted (only for TYPE RES)  99G = Rejected/Odmítnutá | 16G = Confirmed nomination (only for TYPE 20G and RES)  15G = Rejected in the closed nomination window, but it will processed in the next nomination window (only for TYPE 20G)  18G = Accepted nomination of a counterparty (only for TYPE 19G)  12G = Last accepted nomination (only for TYPE RES)  99G = Rejected/Odmítnutá |
| **SUBCONTRACT REFERENCE** |  | 35 | Nomination type, code list:   * TRA – transport * TRA\_SNG – transport, single sided * TRA\_DIV – transport - divided capacity * TRA\_DIV\_SNG – transport - divided capacity, single sided * DIS – distribution * STO – storage * LAST MESSAGE – end of batch * CLOSED – closing of the nomination window * DEADLINE SHIFT – nomination deadline shift | Nomination subtype, code list:   * BK – bilateral contract (BRP1-BRP2) * PO – settlement of preliminary total imbalance of BRP (BRP1-OTE) * SO – settlement of actual total imbalance of BRP (BRP1-OTE) * DTD – trades on the morning day-ahead market (BRP1-OTE) * DTO – trades on the morning day-ahead market (BRP1-OTE) * VT – trades on intra-day market (BRP1-OTE) * VO – settlement of preliminary and actual total imbalance for all BRP’s (OTE-TSO) * FK – Balancing Service (BRP1-TSO) * NT- unused tolerance, bilateral contracts (BRP1-BRP2) * NTT- unused tolerance, UT market (BRP-OTE) * DI- demand information (OTE-TSO) * DVM – daily imbalance quantity * DV4 – saldo daily imbalance quantity * SN – state of emergency * SN4 – saldo state of emergency * NFK - unused flexibility, positive * NFZ - unused flexibility, negative |
| **CATEGORY** |  | 3 | Not to be used | |
| **CONNECTION POINT – CODING SCHEME** | M | 3 | 305 = EIC code | |
| **CONNECTION POINT** | M | 16 | EIC code of PDT | |
| **INTERNAL SHIPPER ACCOUNT – CODING SCHEME** |  | 3 | ZSO = System Operator code | 305 = EIC code |
| **INTERNAL SHIPPER ACCOUNT** |  | 16 | Shipper code internal or SUMM (summary value for BRP and PDT) | EIC code of BRP |
| **ACCOUNT IDENTIFICATION – CODING SCHEME** | M | 3 | ZSO = System Operator code | 305 = EIC code |
| **ACCOUNT IDENTIFICATION** | M | 16 | Shipper code external or SUMM (summary value for BRP and PDT) | EIC code of counterparty BRP |
| **ACCOUNT ROLE** | M | 3 | ZES = External Shipper | ZES = External Shipper |
| **Period** |  |  | Confirmed nomination value for one gas day (1 to N for one ConnectionPoint) | |
| **TIME INTERVAL** | M | see Edig@s General Guidelines 1.20 | Gas day in the format from-to:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm | |
| **DIRECTION** | M | 3 | Z02 = Input in the system  Z03 = Output from the system | |
| **QUANTITY** | M | 17 | Nomination value in KWh (integral number without sign) | |
| **MEASURE UNIT** | M | 3 | KWH = Kilowatt hours (KWh) | |
| **PRICE** |  | 10.2 | Price in CZK per 1 MWh (decimal number without sign)  (for NTT ,NFK ,NFZ nomination only - required) | |
| **CURRENCY** |  | 3 | Trade instruction currency  CZK = CZK  (for NTT ,NFK ,NFZ nomination only - required) | |
| **Status** |  |  | Status of confirmed nomination value (0 or 1 for Period).  State only in case of reduction or rejection (i.e. reduction to 0) of the nomination. The value status to be set by the respective operator. OTE will add status only in case of financial reduction. | Status of confirmed nomination value (0 or 1 for Period).  State only in case of reduction or rejection (i.e. reduction to 0) of the nomination. The value status to be set by OTE. |
| **QUANTITY STATUS** | M | 3 | To be agreed with operators. Proposal:  06G = Mismatch (unpaired nomination – reduced)  10G = Reduced capacity  (insufficient capacity – reduced)  11G = Below 100% (insufficient financial security – reduced)  93G = Invalid shipper code  94G = Balance responsible party locked | 06G = Mismatch (unpaired bilateral contracts - reduced)  11G = Below 100% (insufficient financial security – reduced)  14G = No counter nomination (odmítnuto z důvodu neexistence nominace protistrany)  91G = Reduced due to imbalance check resp. due to check of disponible UT  92G = Reduced due to emergency (zkráceno z důvodu vyhlášení stavu nouze)  94G = Balance responsible party locked |
| **GCV Estimated Information** |  |  | Not to be used | |

**Ending message (operator🡪OTE)**

A special NOMRES message of 08G type filled as follows shall be used for ending the batch of nominations sent by the operator to OTE:

* BRP (**CONTRACT REFERENCE)**: OTE
* PDT (**CONNECTION POINT)**: VTP
* Nomination type (**SUBCONTRACT REFERENCE)**: „LAST MESSAGE“

**Shift of deadline for placing nominations to settle preliminary imblance (OTE🡪 BRP, operator)**

There will be special message used to annouce, that there is a deadline shift for placing nomination of natural settlement of preliminary imbalance. The message will be of NOMRES kind, type INF:

* BRP (**CONTRACT REFERENCE)**: EIC OTE
* PDT (**CONNECTION POINT)**: EIC VTP
* nomination type (**SUBCONTRACT REFERENCE)**: „DEADLINE SHIFT“
* message validity **(VALIDITY PERIOD)**: Date and time of validity of deadline shift information

- From: Standart deadline date and time (yyyy-mm-dd, 14:00)

- To: Shifted deadline date and time

**Using a NOMRES message as a response to inquiries**

Nominations meeting the inquiry criteria shall be sent to the market participant via a NOMRES message. A RES type message shall be introduced for such purposes; the status of returned nomination shall be either 12G (last accepted) or 16G (confirmed), eventuelly 99G (rejected).

The complete file of the NOMRES message used by CDS OTE in the .xsd format is saved here:

[EDIGAS/NOMRES](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\EDIGAS\NOMRES)

##### an example of a nomres format message

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Confirmation of transport nomination (TRA) – Nomres message | [EDIGAS\NOMRES\EXAMPLE\Nomres\_TRA.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\EDIGAS\NOMRES\EXAMPLES\Nomres_TRA.xml) |

##### APERAK

This message is used for notification of the result of validation and acceptance of a message by the receiver (accepted or error). APERAK messages are used in communication:

* between OTE and BRP:
  + OTE shall respond to reception of a message from BRP by sending an APERAK message
  + OTE does not expect the BRP to respond to reception of a message by OTE
* Between OTE and operators (TSO, DSO, SSO)
  + OTE will respond to reception of a message from an operator by sending an APERAK message
  + OTE expects the operator to respond to reception of a message from OTE by sending an APERAK message

|  |  |  |  |
| --- | --- | --- | --- |
| **APERAK** | **M** | **Length** | **Mapping** |
| **Aperak** |  |  | Message header |
| **IDENTIFICATION** | M | 35 | Generated by the sender in the format: APERAKYYYYMMDDAxxxxx |
| **TYPE** | M | 3 | 294 =Application Error and Acknowledgement. |
| **CREATION DATE TIME** | M | spec | Generated by the sender in the format:  YYYY-MM-DDTHH:MM:SS±hh:mm |
| **ORIGINAL ISSUER IDENTIFICATION - CODING SCHEME** | M | 3 | 305 = EIC code |
| **ORIGINAL ISSUER IDENTIFICATION** | M | 16 | EIC code of the original sender |
| **ORIGINAL RECIPIENT IDENTIFICATION – CODING SCHEME** | M | 3 | 305 = EIC code |
| **ORIGINAL RECIPIENT IDENTIFICATION** | M | 16 | EIC code of the original receiver |
| **ORIGINAL MESSAGE IDENTIFICATION** | M | 35 | Identification of the original message (IDENTIFICATION) |
| **ORIGINAL MESSAGE DATE TIME** | M | spec | Date and time of the original message (CREATION DATE TIME) |
| **RECEPTION STATUS** | M | 3 | 6 = Confirmed (valid and accepted)  27 = Not accepted (error and not accepted)  34 = Accepted with amendment |
| **Reason** |  |  | 0 to N occurrences in case of occurrence of an error and non-acceptance of the original message |
| **REASONCODE** | M | 3 | Code list; see below for differences from the standard |
| **REASONTEXT** |  | 512 | See below |

Meaning of error codes that are not included in the standard:

|  |  |
| --- | --- |
| **Error** | **Code + text according to EDIGAS** |
| Invalid sender | 61G Invalid message sender |
| Syntax error | 40G Syntactical error |
| Semantic error (incomplete, incorrect values) | 41G Semantic error |
| Sender/BRP not registered for sending nominations | 44G Unregistered Party |
| Invalid BRP | 67G Unknown shipping account |
| Invalid PDT | 46G Unknown location identification |
| Invalid shipper code or invalid BRP of the counterparty | 14G Unknown shipper code |
| Invalid nomination date | 47G Incomplete period |
| Market not opened | 51G Market not opened |
| Disponibility failure | 52G Disponibility failure |
| Other error (see REASONTEXT field for explanation):   * Invalid nomination type/subtype * Invalid date/time of nomination of UT trade | 68G Other |

The complete file of the GASDAT message used by CDS OTE in the .xsd format is saved here:

[EDIGAS/APERAK](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\EDIGAS\APERAK)

##### an example of an aperak format message

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Confirmation of acceptance of a Gasdat message | [EDIGAS\APERAK\EXAMPLE\Aperak\_na\_gasdat.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\EDIGAS\APERAK\EXAMPLES\Aperak_na_gasdat.xml) |

##### SHPCDS (Shipper code reference list)

This message will be sent for sending shipper code lists to OTE by the individual operators. The code list defines allowed shipper code pairs for selected PDT and BRP.

| **SHPCDS** | **M** | **Length** | **Mapping** |
| --- | --- | --- | --- |
| **SHPCDS** |  |  | Header |
| **IDENTIFICATION** | M | 35 | Generated by the sender in the format: SHPCDSYYYYMMDDAxxxxx |
| **TYPE** | M | 3 | SHP = Shipper codes |
| **CREATION DATE TIME** | M | see Edig@s General Guidelines 1.20 | Date and time of document creation. Generated by the sender in the format:  YYYY-MM-DDTHH:MM:SS±hh:mm |
| **ISSUER IDENTIFICATION - CODING SCHEME** | M | 3 | 305 = EIC code |
| **ISSUER IDENTIFICATION** | M | 16 | EIC code of the sender |
| **ISSUER ROLE** | M | 3 | ZSO = System Operator (TSO, DSO, SSO) |
| **RECIPIENT IDENTIFICATION – CODING SCHEME** | M | 3 | 305 = EIC code |
| **RECIPIENT IDENTIFICATION** | M | 16 | EIC code of the receiver |
| **RECIPIENT ROLE** | M | 3 | ZSX = Balance Area Operator (OTE) |
| **ORIGINAL MESSAGE IDENTIFICATION** |  | 35 | Reference to the original message (request) |
| **ShipperCodeInformation** |  |  | Information for one pair of shipper codes (1 to N for one document) |
| **CONNECTION POINT – CODING SCHEME** | M | 3 | 305 = EIC code |
| **CONNECTION POINT** | M | 16 | EIC code of PDT |
| **CONTRACT REFERENCE** | M | 35 | EIC code of BRP |
| **DIRECTION** |  | 3 | Z02 = Vstup do soustavy (ENTRY)  Z03 = Výstup ze soustavy (EXIT) |
| **INTERNAL SHIPPER ACCOUNT – CODING SCHEME** | M | 3 | ZSO = System Operator code |
| **INTERNAL SHIPPER ACCOUNT** | M | 16 | Shipper code internal |
| **EXTERNAL SHIPPER ACCOUNT – CODING SCHEME** | M | 3 | ZSO = System Operator code |
| **EXTERNAL SHIPPER ACCOUNT** | M | 16 | Shipper code external |
| **ALLOCTAION SCHEME** |  | 3 | 04G = Pro rata  05G = SBA (Shipper balancing agreement)  06G = OBA (Operational balancing agreement) |
| **VALIDITY PERIOD** | M | see Edig@s General Guidelines 1.20 | Date and time of code validity (from-to). Generated by the sender in the format:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm |
| **AuthorizationInformation** |  |  | Information about authorization to enter SSN on the passive side (0 až N for **ShipperCodeInformation**) |
| **TYPE** | M | 3 | Entry authorization:  A01 = Single sided  A02 = Double sided |
| **VALIDITY PERIOD** | M | see Edig@s General Guidelines 1.20 | Date and time of the authorization validity (from-to). Generated by the sender in the format:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm |

Notes on using the message:

* The respective operator may send either a complete file of valid shipper codes, or just the updated records (new codes, termination of validity of existing codes).
* If there is no specification of direction at the shipper code pair, it is supposed, that the pair is valid for both directions.
* If there is no specification of allocation scheme at the shipper code pair, for the tolerance calculation, it is used the allocation scheme specified in the allocation message, eventually, if not available, that stated with the PDT registration.
* If there is a change of allocation scheme at an existing shipper pair, it is supposed, that the change is take effect from the gas day, the message was delivered to OTE.
* The allocation pair validity period is checked only against gas days (use of times in VALIDITY PERIOD omitted).
* • If an existing shipper code is updated, the date from the date to the future must be fulfilled in the VALIDITY PERIOD attribute. Unable to change the validity of the shipper code to the past.

The message is not included in standard EDIGAS 4.0 formats. The template uses exclusively simple and complex data types used in standard messages.

The complete file of SHPCDS message used by CDS OTE in the .xsd format is saved here:

[EDIGAS/SHPCDS](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\EDIGAS\SHPCDS)

##### an example of a Shpcds format message

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Message with shipper codes | [EDIGAS\SHPCDS\EXAMPLE\Shpcds\_example.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\EDIGAS\SHPCDS\EXAMPLES\Shpcds_example.xml) |

## Imbalances

##### communication scenarios

**Market trader**

**Balance area operator**

Preliminary imbalance for the preceding day (14G, IMBNOT)

2

**Settlement phase**

Actual imbalance for all BRP for all gas days of the preceding month (14G, IMBNOT)

4

Actual imbalance for all BRP for all gas day of the preceding month including unused tolerance trading (14G, IMBNOT)

5

Each day by 13: 00

Each 11th calendar day before 12:00

Each 13th calendar day before 12:00

**System operator**

1

Each day before 13:00

Preliminary imbalance for all BRP for the preceding gas day (14G, IMBNOT)

3

Actual imbalance for all BRP for all gas day of the preceding month (14G, IMBNOT)

Each 11th calendar day before 12:00

##### message formats

##### IMBNOT (Imbalance Notice)

The message will be used for sending all types of imbalances to subjects of settlement.

| **IMBNOT** | **M** | **Length** | **Mapping** |
| --- | --- | --- | --- |
| **ImbalanceNotice** |  |  | Message header |
| **IDENTIFICATION** | M | 35 | Generated by the sender in the format: IMBNOTYYYYMMDDAxxxxx |
| **TYPE** | M | 3 | 14G = Imbalance Notification (notification of a preliminary or actual imbalance, data upon inquiry) |
| **CREATION DATE TIME** | M | see Edig@s General Guidelines 1.20 | Date and time of document creation. Generated by the sender in the format:  YYYY-MM-DDTHH:MM:SS±hh:mm |
| **VALIDITY PERIOD** | M | see Edig@s General Guidelines 1.20 | Date and time of validity (from-to). Generated by the sender in the format:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm  From: CREATION DATE TIME  To: CREATION DATE TIME + 365 days |
| **CONTRACT REFERENCE** | M | 35 | EIC code of BRP |
| **CONTRACT TYPE** | M | 3 | Z11 |
| **ISSUER IDENTIFICATION - CODING SCHEME** | M | 3 | 305 = EIC code |
| **ISSUER IDENTIFICATION** | M | 16 | EIC code of the sender |
| **ISSUER ROLE** | M | 3 | ZSX = Balance Area Operator (OTE) |
| **RECIPIENT IDENTIFICATION – CODING SCHEME** | M | 3 | 305 = EIC code |
| **RECIPIENT IDENTIFICATION** | M | 16 | EIC code of the receiver |
| **RECIPIENT ROLE** | M | 3 | ZSH = Shipper  ZSO = System Operator (PPS) |
| **ORIGINAL MESSAGE IDENTIFICATION** |  | 35 | Reference to the original message (request) |
| **ConnectionPointDetail** |  |  | PDT and type of imbalance (1 to N for one document) |
| **LINE NUMBER** | M | 6 | Sequence number of the line |
| **CONNECTION POINT – CODING SCHEME** | M | 3 | 305 = EIC code |
| **CONNECTION POINT** | M | 16 | EIC code of PDT  The allowed PDT types are the following: VTP, BDS, CGD, Virtual UGS |
| **SUBCONTRACT REFERENCE** |  | 35 | Imbalance type, code list:   * PINP = preliminary input imbalance of BRP * POUT = preliminary output imbalance of BRP * PIMB = preliminary total imbalance of BRP * PSYS preliminary system imbalance * PDIT = preliminary difference in allocations and nominations on BGS, CBD * PDIS = preliminary difference in allocations and nominations on Virtual UGS * DINP = actual input imbalance of BRP * DOUT = actual output imbalance of BRP * DIMB = actual total imbalance of BRP * DSYS = actual system imbalance * POTI = preliminary off-tolerance imbalance of BRP * UTOL = unused tolerance of BRP * DOTI = actual off-tolerance imbalance of BRP * DOTT = actual off-tolerance imbalance after inclusion of trading with unused tolerance * DDIT = actual difference in allocations and nominations at BGS, CBD * DDIS = actual difference in allocations and nominations at Virtual UGS * DDOS = actual difference in allocations and nominations at Virtual UGS on the output * DDOT = actual difference in allocations and nominations at BGS, CBD on the output * PDOS = preliminary difference in allocations and nominations at Virtual UGS on the output * PDOT = preliminary difference in allocations and nominations at BGS, CBD on the output * EIMB = final actual total imbalance of BRP * EINP = final actual input imbalance * EOUT = final actual output imbalance of BRP * EOTI = final off-tolerance imbalance of BRP * ESYS = final system imbalance * EDIT = final difference in allocations and nominations at BGS, CBD, on the input * EDIS = final difference in allocations and nominations at UGS, on the input * EDOS = final difference in allocations and nominations at UGS, on the output * EDOT = final difference in allocations and nominations at BGS, CBD, on the output * PIMR = preliminary own total imbalance of BRP * DIMR = real metered own total imbalance of BRP * EIMR = closing own total imbalance of BRP * PTOR = preliminary own tolerance od BRP * PTOL = preliminary tolerance od BRP * DTOR = actual own tolerance od BRP * DTOL = actual tolerance od BRP * ETOR = final own tolerance od BRP * ETOL = final tolerance od BRP * PSYD = Rounding of preliminary system imbalance (relevant only for Transmission System Operator) * DSYD = Rounding of actual system imbalance (relevant only for Transmission System Operator) * ESYD = Rounding of final system imbalance (relevant only for Transmission System Operator) * PFLX = assigned value flexibility * PFLY = assigning values inherent flexibility * PFLA = aggregated flexibility for all BRP/FP B * PFAA = preliminary allocation usage flexibility * PBUA = preliminary value account balance variations * PBAA = the approximate value of the daily amount of countervailing * PBA1 = the total value of the negative provisional daily balancing amount * PBA2 = the total value of the positive provisional daily balancing amount * PFNP = size flexibility positive trading market flexibility unused * PFNM = Negative Amount of flexibility for trading on the market, the unused flexibility * PFAB = allocation usage flexibility * PBUB = of the account balance imbalances * PBAB = Value of the daily amount of countervailing * PBPB = price for daily compensatory amounts * PCC2 = applicable price for the positive daily amounts of compensatory * PCC1 = applicable price for negative daily compensatory amount * DBAB = Volume of difference between the imbalances in the daily and monthly evaluations * DBPB = Amount of difference between the imbalances in the monthly and final monthly evaluations * DOE0 = Price Index OTE * EBAB = Volume of difference between the imbalances in the monthly and final corrective monthly evaluations * EBPB = Amount of difference between the imbalances in the monthly daily and final monthly evaluations * EOE0 = Price Index OTE * XACP = status of account operator * XACN = status of account neutrality * PFLB = aggregated allocation of unused flexibility for all BRP/FP * DCLT = month LP imbalances settlement data * ECLT = final month imbalances LP settlement data * ECLZ = final loss settlement imbalaces |
| **INTERNAL SHIPPER ACCOUNT – CODING SCHEME** |  | 3 | ZSO = System Operator code |
| **INTERNAL SHIPPER ACCOUNT** |  | 16 | Shipper code internal or SUMM (summary value for BRP and PDT) |
| **ACCOUNT IDENTIFICATION – CODING SCHEME** |  | 3 | ZSO = System Operator code |
| **ACCOUNT IDENTIFICATION** |  | 16 | Shipper code external or SUMM (summary value for BRP and PDT) |
| **ACCOUNT ROLE** |  | 3 | ZES = External Shipper |
| **PriceDeviation** |  |  | **The time interval and the price (from 0 to N for a ConnectionPointDetail)** |
| **TIME INTERVAL** | M | viz Edig@s General Guidelines 1.20 | Gas day in the form from-to:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm |
| **DEVIATION PRICE** |  | 14,3 | Price (decimal number sign) |
| **CURRENCY** |  | 3 | Currency:  CZK = CZK  EUR = EUR |
| **PRICE MEASURE UNIT** |  |  | PRICE measure unit:  KWH = Kilowatt hours (KWh)  MWH = Megawatt hours (MWh)  Z99 = Not specified |
| **QuantityInformation** |  |  | Time interval and volume of imbalance (0 to N for one ConnectionPointDetail) |
| **TIME INTERVAL** | M | see Edig@s General Guidelines 1.20 | Gas day in the format from-to:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm |
| **QUANTITY TYPE** | M | 3 | ZPD = Debit quantity (-)  ZPE = Credit quantity (+) |
| **QUANTITY** | M | 17 | Imbalance value in KWh (integral number without sign) |
| **MEASURE UNIT** | M | 3 | KWH = Kilowatt hours (KWh) |

The version (of preliminary, actual, corrective imbalance) is determined by the item ImbalanceNotice/ConnectionPointDetail/@SubcontractReference.

The set of data to be provided is determined by msg id of the inquiry.

The link between the inquiry and the returned data in IMBNOT is provided by the following table:

|  |  |  |
| --- | --- | --- |
| **Returned data** | **Inquiry** |  |
| PINP = preliminary input imbalance of BRP | GI1 | Inquiry about data of preliminary imbalance |
| POUT = preliminary output imbalance of BRP | GID | Request for assumed preliminary imbalances |
| PIMB = preliminary total imbalance of BRP |
| PSYS = preliminary system imbalance |
| POTI = preliminary off-tolerance imbalance of BRP |
| PIMR = preliminary own total imbalance of BRP |
| PTOR = preliminary own tolerance od BRP |
| PTOL = preliminary tolerance od BRP |
| PSYD = rounding of preliminary system imbalance (relevant only for Transmission System Operator) |
| PDIT = preliminary difference in allocations and nominations at CBD, GBS on input | GI3 | Inquiry about preliminary difference in allocations |
| PDIS = preliminary difference in allocations and nominations at Virtual UGS on input |
| PDOT = preliminary difference in allocations and nominations at CBD, BGS on output |
| PDOS = preliminary difference in allocations and nominations at Virtual UGS on output |
| DINP = actual input imbalance of BRP | GI5 | Inquiry about data of actual imbalance |
| DOUT = actual output imbalance of BRP | GIF | Request for assumed closing imbalances |
| DIMB = actual total imbalance of BRP |
| DSYS = actual system imbalance |
| DOTI = actual off-tolerance imbalance of BRP |
| UTOL = unused tolerance of BRP |
| DIMR = real metered own total imbalance of BRP |
| DTOR = actual own tolerance od BRP |
| DTOL = actual tolerance od BRP |
| DSYD = rounding of actual system imbalance (relevant only for Transmission System Operator) |
| DDIT = actual difference in allocations and nomination at CBD, BGS on output | GI7 | Inquiry about actual difference in allocations |
| DDIS = actual difference in allocations and nomination at Virtual UGS on input |
| DDOT = actual difference in allocations and nomination at CBD, BGS on output |
| DDOS = actual difference in allocations and nomination at Virtual UGS on output |
| EINP = final actual input imbalance of BRP | GIB | Inquiry about data of final actual imbalance (claim) |
| EOUT = final actual output imbalance of BRP | GIH | Request for assumed real metered imbalances |
| EIMB = final actual total imbalance of BRP |
| EOTI = final actual off-tolerance imbalance of BRP |
| ESYS = final system imbalance |
| EIMR = closing own total imbalance of BRP |
| ETOR = final own tolerance od BRP |
| ETOL = final tolerance od BRP |
| ESYD = rounding of final system imbalance (relevant only for Transmission System Operator) |
| DOTT = actual off-tolerance imbalance after inclusion of trading with unused tolerance | GI9 | Inquiry about off-tolerance imbalances after inclusion of trading with unused tolerance |
| EDIT = final difference in allocations and nominations at BGS, CBD, on the input | GIJ | Request for closing allocation imbalances |
| EDIS = final difference in allocations and nominations at UGS, on the input |
| EDOT = final difference in allocations and nominations at BGS, CBD, on the output |
| EDOS = final difference in allocations and nominations at UGS, on the output |
| PSYS = preliminary system imbalance | GIL | preliminary daily deviations NC BAL |
| PIMB = preliminary total imbalance of BRP |
| PIMR = preliminary own total imbalance of BRP |
| PFLY = assigning values inherent flexibility |
| PFLX = assigned value flexibility |
| PFAA = preliminary allocation usage flexibility |
| PBUA = preliminary value account balance variations |
| PBAA = the approximate value of the daily amount of countervailing |
| PBA1 = The total value of the negative provisional daily balancing amount |
| PBA2 = The total value of the positive provisional daily balancing amount |
| PFNP = size flexibility positive trading market flexibility unused |
| PFNM = Negative Amount of flexibility for trading on the market, the unused flexibility |
| PSYD = Rounding of preliminary system imbalance (relevant only for Transmission System Operator) |
| PFLA = aggregated flexibility for all BRP/FP B |
| PFAB = allocation usage flexibility | GIN | Daily deviations NC BAL |
| PBUB = of the account balance imbalances |
| PBAB = Value of the daily amount of countervailing |
| PBPB = price for daily compensatory amounts |
| PCC2 = applicable price for the positive daily amounts of compensatory |
| PCC1 = applicable price for negative daily compensatory amount |
| ESYS = final system imbalance | GIR | Corrective monthly deviations NC BAL |
| ESYD = Rounding of final system imbalance (relevant only for Transmission System Operator) |
| EIMB = final actual total imbalance of BRP |
| EIMR = closing own total imbalance of BRP |
| EBAB = Volume of difference between the imbalances in the monthly and final corrective monthly evaluations |
| EBPB = Amount of difference between the imbalances in the monthly daily and final monthly evaluations |
| EOE0 = Price Index OTE |
| XACP = status of account operator | GIT | Account operator status |
| XACN = status of account neutrality |
| DCLT = month LP imbalances settlement data | GJ4 | Month imbalances LP settlement data |
| ECLT = final month imbalances LP settlement data | GJ6 | Final month imbalances LP settlement data |
| ECLZ = final loss settlement imbalaces | GJ8 | Loss settlement imbalaces |

The complete file of the IMBNOT message used by CDS OTE in the .xsd format is saved here:

[EDIGAS/IMBNOT](file:///C:\Users\sedmihradskym\AppData\Roaming\Microsoft\Word\EDIGAS\IMBNOT)

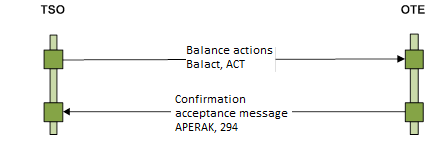
##### an example of a IMBNOT format message

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Preliminary total imbalance for BRP (PIMB) | [EDIGAS\IMBNOT\EXAMPLE\Imbnot\_PIMB.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\OTE\Externi%20rozhrani\XML%20plyn\Specifikace%20XML%20Plyn%20-%201.14%20-%20poupravene\EDIGAS\IMBNOT\EXAMPLES\Imbnot_PIMB.xml) |

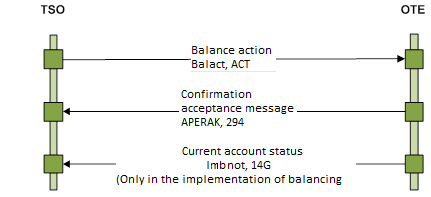
## Balance actions

##### communication scenarios

*Notice of Intent and the abolition of intention to conduct balance actions*

**

*The notification of the balance actions*

**

##### Balact (Balance action)

Will be introduced a new format for balance action Balance Action.

| **BALACT** | **M** | **Length** | **Mapping** |
| --- | --- | --- | --- |
| **BalanceAction** |  |  | Message header |
| **IDENTIFICATION** | M | 35 | Generates the sender in the form:BALACTYYYYMMDDAxxxxx |
| **TYPE** | M | 3 | ACT = Balance action |
| **CREATION DATE TIME** | M | viz Edig@s General Guidelines 1.20 | Date and time of creation of the document. Generates the sender in the form:YYYY-MM-DDTHH:MM:SS±hh:mm |
| **ISSUER IDENTIFICATION - CODING SCHEME** | M | 3 | 305 = EIC code |
| **ISSUER IDENTIFICATION** | M | 16 | EIC code of sender |
| **ISSUER ROLE** | M | 3 | ZSO = System Operator (TSO)  ZSX = Balance Area Operator (OTE) |
| **RECIPIENT IDENTIFICATION – CODING SCHEME** | M | 3 | 305 = EIC code |
| **RECIPIENT IDENTIFICATION** | M | 16 | EIC code of recipient |
| **RECIPIENT ROLE** | M | 3 | ZSX = Balance Area Operator (OTE)  ZHC = Exchange Trader |
| **StatusInformatjon** | **M** |  |  |
| **ACTION STATUS** | M | 4 | The kind of action:  PREP – Preparing  REAL – Realization of trade  CANC - Cancellation of order placement |
| **MarketIdentification** | M | 35 | Identification data market (only for balancing action) |
| **MARKET TYPE** | M | 3 | Market Type:  VDT = VDT OTE  NCG = NCG  GPL = GPL  BK = Bilateral contract |
| **MARKET PROVIDER - CODING SCHEME** | M | 3 | ZSO = Assigned by System Operator |
| **MARKET PROVIDER** | M | 16 | Operator Market:  OTE = OTE  PWN = Powernext |
| **PRODUCT** | M | 3 | Dealed products:  DA = Day-ahead  WD = Within-day |
| **TradingInformation** |  |  | Information about the course of trade (only for balancing action) |
| **PLACEMENT DATE TIME** | M | viz Edig@s General Guidelines 1.20 | Date and time of the supply or demand. Generates the sender in the form:  YYYY-MM-DDTHH:MM:SS±hh:mm |
| **REALISATION DATE TIME** | M | viz Edig@s General Guidelines 1.20 | Date and time of trade execution. Generates the sender in the form:  YYYY-MM-DDTHH:MM:SS±hh:mm |
| **DeliveryInformation** |  |  | Delivery Information |
| **CONNECTION POINT – CODING SCHEME** | M | 3 | ZSO = Assigned by System Operator |
| **CONNECTION POINT** | M | 16 | Trading point:  VTP = virtual trading point |
| **TIME INTERVAL** | M | viz Edig@s General Guidelines 1.20 | Gas day in form from – to:  YYYY-MM-DDTHH:MM±hh:mm/YYYY-MM-DDTHH:MM±hh:mm |
| **DIRECTION** | M | 3 | Z02 = Entry into the system (Purchase from the perspective TSO)  Z03 = Output from the system (Sale from the perspective TSO) |
| **QUANTITY** | M | 14,3 | The value of balancing actions in MWh (No. 3 decimal places unsigned) |
| **MEASURE UNIT** | M | 3 | MWH = Megawatt hours (MWh) |
| **PriceInformation** |  |  | Proces information |
| **UNIT PRICE** | M | 10.2 | Price in EUR per 1 MWh (unsigned decimal) |
| **CURRENCY** | M | 3 | Currency of market order:  EUR = EUR |
| **Reason** |  |  | Rationale balancing actions. |
| **BALANCE ACTION REASON** |  | 3 | The reason that balancing action or balancing services:  01 - Unbalanced transmission system balance. The operator´s account to be compensated according to § 92. Continuing trend in the same direction would endanger the safe and reliable system operation.  02 - The assumed unbalanced transit system balance. The operator´s account to be compensated according to § 92. Continuing trend in the same direction would endanger the safe and reliable system operation.  03 - Low level of the line pack of the transmission system. Safety and reliability of the operation endangered through failure to meet the contracted delivery pressures and the gas quantity nominated for transport.  04 - High level of the line pack of the transmission system. Safety and reliability of the operation endangered through failure to meet the contracted delivery pressures and to take over the gas quantity nominated for transport.  05 - Keeping the optimum line pack level for the reason of the safe, reliable and economic transmission system operation.  06 - The request has been traded on the OTE inner day market, however the requested volume has not been physically taken over /delivered from/into the transmission system.  07 - The requested volume has not been traded on the OTE inner day market. The maximum / minimum request price has been reached.  08 - The requested volume has not been traded on the OTE inner day market due to technical reasons.  09 - Trade regarding GMR Annex 8, point 9 or 10  51 - Technical fault in the process of balancing action  52 - Change of the operating conditions in the transmission system.  53 - Change in balance of supply and demand  54 - The request for realization of the balancing action on the OTE market was not satisfied within 150 minutes.  99 - Other |
| **Text** |  |  | **Text rationale balancing actions (for the reason 99 - Other)** |
| **LANGUAGE** |  | 2 | Language text description:  CZ = Czech  EN = English |
| **DESCRIPTION** |  | 256 | Custom text description (free text) |

##### EXAMPLE MESSAGE FORMAT BALACT

|  |  |
| --- | --- |
| *Description* | *Reference* |
| Balance action - Implementation | [EDIGAS\BALACT\EXAMPLE\Balact.xml](file:///C:\Documents%20and%20Settings\sedmihradskym\Desktop\New%20Folder\EDIGAS\IMBNOT\EXAMPLES\Imbnot_PIMB.xml) |