## IMPACT & IMPLEMENTATION REPORT – SUMMARY SECTION
### (For AEMO to complete and administer)

| Issue Number | IN003/13 | | |
|---|---|---|---|
| Impacted Jurisdiction (s) | South Australia | | |
| Proponent | Brooke Edwards | Company | AEMO |
| Affected Gas Markets(s) | Retail | Consultation process (Ordinary or Expedited) | Ordinary |
| Industry Consultative forum(s) used | GRCF-S and RBPWG | Date Industry Consultative forum(s)consultation concluded | 26 April 2013 |
| Short Description of change(s) | Changes to the Interface Control Document for SA RoLR | | |
| Procedure(s) or Documentation impacted | The following are impacted by the proposed changes:<br><br>• Interface Control Document (ICD) (4.3) | | |
| Summary of the change(s) | Changes to the Interface Control Document (ICD) are required for an automated approach to RoLR in South Australia and to align with the current IN026/12 consultation. | | |
| I&IR Prepared By | Brooke Edwards | Approved By | Oriel Mendoza |
| Date I&IR published | 13 May 2013 | Date Consultation under 135EE or 135EF concludes | 12 June 2013 |
| Contact address for written responses | Brooke Edwards, Australian Energy Market Operator, GPO Box 2008, Melbourne VIC 3001 | | |
| Email Address for Responses | grcf@aemo.com.au | | |
| Other key contact information | brooke.edwards@aemo.com.au | | |

# IMPACT & IMPLEMENTATION REPORT – DETAILED REPORT SECTION

| CRITICAL EXAMINATION OF PROPOSAL | |
|---|---|
| 1. Description of change(s) and reasons for change(s) | The National Energy Retail Law (NERL) commenced on 1 February 2013 in South Australia. Part 6 of the NERL is the Retailer of Last Resort Scheme. The SA Regulations[1] contain a transitional that states that AEMO, the Network Operator (or Distributor) and the designated RoLR can use reasonable endeavours to meet their obligations under the NERL and RoLR Procedures. This transitional expires on 1 January 2014.<br><br>Chapter 11 Retailer of Last Resort covers the Retailer of Last Resort process. Under consultation IN026/12, amendments have been made to the timing obligations in this section in order to deal with the expiration of the current transitional.<br><br>It has been identified that changes to the Interface Control Document (ICD) are also required for an automated approach to RoLR. AEMO has an obligation to publish and amend the ICD. With this consultation, AEMO proposes to make changes to the ICD that will align with the current IN026-12 consultation. |
| 2. Reference documentation<br>• Procedure Reference<br>• GIP/Specification Pack Reference<br>• Other Reference | Interface Control Document (ICD) (4.3)<br><br>Other References:<br><br>AEMO recommends that registered participants and interested stakeholders review this consultation alongside IN026/12 (Update South Australian RoLR Procedures for System Automation). |
| 3. The high level details of the change(s) to the existing Procedures<br>This includes:<br>• A comparison of the existing operation of the Procedures to the proposed change to the operation of the Procedures<br>• A marked up version of the Procedure change | This Impact & Implementation Report (IIR) addresses the ICD changes required for the execution of automated RoLR procedures in the South Australian gas market. These changes are described below:<br><br>• The automation of CSV file "*Provision of MIRNs transferred to RoLR*" (SAGAS_PROV_ROLR_TFR) (SA Only). This file should be generated by the GRMS by the end of the RoLR gas day.<br><br>• The development of a new Change Status Code of "RCO" (RCO = RoLR Complete) for accelerated RoLR transfers that are sent in the event of RoLR in SA and communicated to the failed retailer, the incoming user and the Network Operator via a Transfer Confirmation Notification (TFR-CONF-NOTF).<br><br>• For the cancellation of transfers during a RoLR event, the development and automation of a new CSV file for SA that is based on the file "Provision of Transactions Cancelled in a RoLR event" (SAGAS_PROV_ROLR_CNCL_TFR) referred to in section 8.7.9 of the ICD.<br><br>• The development of a new Change Status Code of "RCA" |

---

[1] s13 of the National Energy Retail Law (Local Provisions) Regulations 2013

| | (RCA = RoLR Cancelled) for cancelled RoLR transfers that are sent in the event of RoLR in SA and communicated to the failed retailer, the current user and the Network Operator via a Transfer Cancellation Notification (TFR-CAN-NOTF).<br><br>• The development and automation of a new CSV file (per User) for SA which contains monthly customer and site details. This file should be based upon the T900 file referred to in Appendix F of the FRC B2B System Interface Definitions v3.5. The output file should be based on int601 and placed back onto the MIBB in CGI's current directory (MIBB\Logica\Upload\). |
|---|---|
| 4. Explanation regarding the order of magnitude of the change<br><br>(eg: material, non-material or non-substantial) | These changes will have IT system builds associated with them. This will impact on participants, however having the IT system in place to deal with a RoLR event mitigates this and provides a level of security for industry if a RoLR event did occur. |

| ASSESSMENT OF LIKELY EFFECT OF PROPOSAL | |
|---|---|
| 5. Overall Industry Cost / benefit (tangible / intangible / risk) analysis and/or cost estimates | As prescribed in the "Approved Process", registered participants and interested stakeholders were asked to complete submissions. Submissions closed on 26 April 2013. AEMO received responses from Origin Energy, AGL and Envestra.<br><br>The retail gas market participants and relevant stakeholders did not identify any tangible benefits but noted that they supported the changes as they define the IT changes that assist with the required regulatory changes as per IN026/12.<br><br>AEMO and Industry Costs related to ICD Changes<br>The approximate costs for industry and AEMO associated with implementing the changes total approximately $5 million – $5.5 million. There will also be ongoing costs to maintain systems. |
| 6. The likely implementation effect of the change(s) on stakeholders (e.g. Industry or end-users) | The process impacts of these changes are to automate a manual system. This will impact the systems and processes of the Network Operator, AEMO and the designated RoLR to the benefit of end consumers. |
| 7. Testing requirements | There are likely to be some testing requirements for AEMO, the network operator and the designated RoLR. AEMO will oversee the development of testing requirements and consult with the affected participants closer to the implementation timeframe. |
| 8. AEMO's preliminary assessment of the proposal's compliance | Rule 135EB(4)[2] of the NGR states that where AEMO is making changes in relation to section 144 of the NERL (RoLR Procedures) AEMO does not need to meet the preconditions for |

---

[2] Rule 135EB(4) states: "This rule does not apply in relation to Procedures that AEMO makes, or proposes to make, under section 144 of the *NERL*."

| | |
|---|---|
| with section 135EB:<br>- consistency with NGL and NGR,<br>- regard to national gas objective<br>- regard to any applicable access arrangements | making Procedures under rule 135EB(1) to 135EB(3) of the NGR.<br><br>However, AEMO's is satisfied that the proposed changes to the Interface Control Document are consistent with the NGL, NERL, NGR and NERR. Additionally, it is AEMO's view that although this change has a high cost; it is consistent with both the National Gas Objective and National Energy Retail Objective as the RoLR scheme is in the long term interests of consumers.<br><br>AEMO is also satisfied that the proposed change does not conflict with existing Access Arrangements. No Distributor raised concerns with the proposed amendments in relation to their Access Arrangement. |
| 9. Consultation Forum Outcomes<br>(e.g. the conclusions made on the change(s) whether there was unanimous approval, any dissenting views) | As prescribed in the "Approved Process" registered participants and stakeholders were asked to complete submissions in response to the proposed change. Submissions closed on 26 April 2013.<br>AEMO received submissions from Origin Energy, AGL and Envestra. It was noted that there would be significant impacts arising from the proposed changes.<br>However, participants supported the changes noting that they would allow industry to meet their required obligations under NECF. |

| RECOMMENDATION(S) | |
|---|---|
| 10. Should the proposed Procedures be made, (with or without amendments)? | AEMO recommends that the changes to the Interface Control Document be made as drafted in Attachment A. |
| 11. If applicable, a proposed effective date for the proposed change(s) to take effect and justification for that timeline. | AEMO proposes an effective date on 1 January 2014, in line with expiration of the SA Regulations transitional expiry. |

## Interface Control Document – South Australia

### Additions

### 8.1.7 CATSNotification Transaction – 'REQUESTED" Variant

### 8.1.7.1 Physical Transaction

**NOTE:** The Date and Time of Processing in the *Registry* shall be stored in the transactionDate attribute of the transaction. *CATSNotification*

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| Role | String(4)<br>"USER' – User<br>"NO" - Network operator<br>"ROLR" – Retailer of Last Resort | Mandatory | The role assigned to the recipient. Either:<br>• "USER" to support TFR-NOTF-CU<br>• "NO" to support TFR-NOTF-NO<br>• "USER" to support TFR-WOB-NOTF-IU<br>• "NO" or "ROLR" to support TFR-WOB-NOTF-OP<br>• "NO" to support ECNET-NOTF-NO<br>• "USER" to support ECNET-NOTF-CU<br>• "USER" or "NO" to support ECNET-WOB-NOTF-OP<br>• "USER" to support ECNET-WOB-NOTF-PU | 1..1 | Role | xsd:string xsd:maxLength ="4" |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| RoleStatus | String(Enum)<br>"N" = New (incoming)<br>"C" = Current | Mandatory | The role status assigned to the recipient. Either:<br>• "C" to support TFR-NOTF-CU<br>• "C" to support TFR-NOTF-NO<br>• "N" to support TFR-WOB-NOTF-IU<br>• "C" to support TFR-WOB-NOTF-OP<br>• "C" to support ECNET-NOTF-NO<br>• "C" to support ECNET-NOTF-CU<br>• "C" to support ECNET-WOB-NOTF-OP<br>• "N" to support ECNET-WOB-NOTF-PU, (since previous user can be considered the new or incoming user in the process) | 1..1 | RoleStatus | Enumerated list of xsd:string "N", "C". |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| Participant | String (10) | Mandatory | If 'Role' = "NO" then:<br><br>• For Transfers (TFR-), contains the GBO Id of the incoming user that initiated the transfer when sent to the Network Operator.<br><br>• For Error Corrections (ECNET-), contains the GBO Id of the previous user who initiated the error correction when sent to the Network Operator.<br><br>If 'Role' = "USER" or "ROLR" then:<br>• For transfers (TFR-), (1) contains the GBO Id of the incoming user that initiated the transfer when sent to the incoming user (2) contains xsi:nil = "true" when sent to the current user (We do not communicate the incoming users identity to the current user.)<br><br>• For error correction, (ECNET-) (1) contains the GBO Id of the incoming user that initiated the transfer when sent to the previous user (2) contains xsi:nil = "true" when sent to the current user (We do not communicate the previous users identity to the current user.)<br><br>• | 1..1 | ChangeRequest/Participant | xsd:string |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| RequestID | Numeric (10) | Mandatory | For transfers (TFR-), the unique ID assigned by the Market Operator to the Transfer Request. For error corrections (ECNET-), the unique ID assigned by the Market Operator to the Error Correction Request. | 1..1 | ChangeRequest/RequestID | xsd:positiveIntegermaxInclusive ="9999999999" |
| ChangeStatusCode | String (4)<br>REQ = Requested<br>PEN = Pending<br>OBJ = Objection<br>COM = Completed<br>CAN = Cancelled<br>RCA = RoLR Cancelled<br>RCO = RoLR Completed | Mandatory | Current status of the Change Request. This is "REQ" for:<br>• TFR-NOTF-CU<br>• TFR-NOTF-NO<br>• ECNET-NOTF-NO<br>• ECNET-NOTF-CU<br>For TFR-WOB-NOTF-IU and TFR-WOB-NOTF-OP, status is "REQ" if no other objections outstanding or "OBJ" if other objections remain.<br>For ECNET-WOB-NOTF-OP and ECNET-WOB-NOTF-PU:<br>If an objection has just been withdrawn, then this will be either "OBJ" – if there are objections still outstanding or "REQ" if there are no other objections. | 1..1 | ChangeRequest/ChangeStatusCode | xsd:string xsd:maxLength ="4" |
| ChangeReasonCode | String (4)<br>0001 = Prospective transfer, in-situ<br>0002 = Prospective transfer, move in<br>0003 = Correction of Transfer | Mandatory | Either:<br>• "0001" or "0002" (the move-in flag) to support transfers or<br>• "0003" to support error corrections<br><br>It's value will be the same ChangeReasonCode from the original transfer or error correction request | 1..1 | ChangeRequest/ChangeData/ChangeReasonCode | xsd:string xsd:maxLength ="4" |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| ProposedDate | Date (10) ccyy-mm-dd | Mandatory | The Earliest Change Date supplied in the original transfer request in the case of transfers or the date of the original transfer that is being corrected in the case of error corrections | 1..1 | ChangeRequest/ChangeData/ProposedDate | xsd:date |
| NMI | String(10) | Mandatory | The MIRN in the original Change Request or error correction. | 0..1 | ChangeRequest/ChangeData/NMI | xsd:string length="10" |
| Checksum | Integer(1) | Mandatory | An attribute of NMI | use="optional" | @checksum | xsd:integer" minInclusive="0" maxInclusive="9" |
| Participant | String (10) | **Mandatory for :** ECNET-WOB-NOTF-OP ECNET-WOB-NOTF-PU TFR-WOB-NOTF-IU TFR-WOB-NOTF-OP **Not Required** for: TFR-NOTF-CU TFR-NOTF-NO ECNET-NOTF-NO ECNET-NOTF-CU | The GBO ID of the objecting participant. | 1..1 | Objection/Participant | xsd:string |
| ObjectionID | Numeric (10) | **Mandatory** for : ECNET-WOB-NOTF-OP ECNET-WOB-NOTF-PU TFR-WOB-NOTF-IU TFR-WOB-NOTF-OP **Not Required** for: TFR-NOTF-CU TFR-NOTF-NO ECNET-NOTF-NO ECNET-NOTF-CU | The Unique ID assigned by the Market Operator to the Objection Request | 1..1 | Objection/ObjectionID | xsd:positiveIntegermaxInclusive ="9999999999" |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| ObjectingAction | String (Enum) "Raised" or "Withdrawn" | **Mandatory** for : ECNET-WOB-NOTF-OP ECNET-WOB-NOTF-PU TFR-WOB-NOTF-IU TFR-WOB-NOTF-OP **Not Required** for: TFR-NOTF-CU TFR-NOTF-NO ECNET-NOTF-NO ECNET-NOTF-CU | "Withdrawn" | 1..1 | Objection/ObjectionAction | enumerated list of xsd:string values: "Raised", "Withdrawn" |
| InitiatingRequestID | Numeric (10) | **Mandatory** for : ECNET-WOB-NOTF-OP ECNET-WOB-NOTF-PU **Mandatory** for : TFR-WOB-NOTF-IU TFR-WOB-NOTF-OP **Not Required** for: TFR-NOTF-CU TFR-NOTF-NO ECNET-NOTF-NO ECNET-NOTF-CU | The same value of RequestID as included above. | 1..1 | Objection/ObjectionData/InitiaingRequestID | xsd:positiveIntegermaxInclusive ="9999999999" |
| Role | String (4) Values as above | **Mandatory** for : ECNET-WOB-NOTF-OP ECNET-WOB-NOTF-PU TFR-WOB-NOTF-IU TFR-WOB-NOTF-OP **Not Required** for: TFR-NOTF-CU TFR-NOTF-NO ECNET-NOTF-NO ECNET-NOTF-CU | Role of the objecting participant | 1..1 | Objection/ObjectionData/Role | xsd:string xsd:maxLength ="4" |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| ObjectionCode | String (8)<br>"DECLINED" = No Haulage Contract or ROLR fee is in place. | **Mandatory** for :<br>ECNET-WOB-NOTF-OP<br>ECNET-WOB-NOTF-PU<br>TFR-WOB-NOTF-IU<br>TFR-WOB-NOTF-OP<br>**Not Required** for:<br>TFR-NOTF-CU<br>TFR-NOTF-NO<br>ECNET-NOTF-NO<br>ECNET-NOTF-CU | A valid objection reason code that is withdrawn | 1..1 | Objection/ObjectionData/ObjectionCode | xsd:string xsd:length ="8" |
| ObjectionDate | Date (10) | **Mandatory** for :<br>ECNET-WOB-NOTF-OP<br>ECNET-WOB-NOTF-PU<br>TFR-WOB-NOTF-IU<br>TFR-WOB-NOTF-OP<br>**Not Required** for:<br>TFR-NOTF-CU<br>TFR-NOTF-NO<br>ECNET-NOTF-NO<br>ECNET-NOTF-CU | The date of that the objection was raised. | 1..1 | Objection/ObjectionData/ObjectionDate | xsd:date |

### 8.1.8 CATSNotification Transaction – "PENDING" Variant

#### 8.1.8.1 Physical Transaction

*CATSNotification*

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| Role | String(4)<br>"USER' – User<br>"NO" – Network operator | Mandatory | The role assigned to the recipient. Either:<br>• "USER" or "NO" to support TFR-PEND-MI-NOTF<br>• "USER" or "NO" to support TFR-PEND-NOTF<br>• | 1..1 | Role | xsd:string xsd:maxLength ="4" |
| RoleStatus | String(Enum)<br>"N" = New (incoming)<br>"C" = Current | Mandatory | For TFR-PEND-MI-NOTF, TFR-PEND-NOTF and ECNET-PEND-NOTF - "C" for the Network operator and Current User and "N" for the incoming user. | 1..1 | RoleStatus | Enumerated list of xsd:string "N","C" |
| Participant | String (10) | Mandatory | If 'Role' = "NO" then:<br>• Contains the GBO Id of the incoming user that initiated the transfer when sent to the Network Operator.<br>If 'Role' = "USER" or "ROLR" then:<br>• We do not communicate the incoming users identity to the current user. Set this to xsi:nil = "true" in this case. | 1..1 | ChangeRequest/Participant | xsd:string |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| RequestID | Numeric (10) | Mandatory | The unique ID assigned by the Market Operator to the Transfer Request or error correction | 1..1 | ChangeRequest/RequestID | xsd:positiveIntegermaxInclusive ="9999999999" |
| ChangeStatusCode | String (4)<br>REQ = Requested<br>PEN = Pending<br>OBJ = Objection<br>COM = Completed<br>CAN = Cancelled<br>RCA = RoLR Cancelled<br>RCO = RoLR Completed | Mandatory | For TFR-PEND-MI-NOTF, TFR-PEND-NOTF and ECNET-PEND-NOTF:<br>Current status of the Change Request. In this case, "PEN" | 1..1 | ChangeRequest/ChangeStatusCode | xsd:string xsd:maxLenngth ="4" |
| ChangeReasonCode | String (4)<br>0001 = Prospective transfer, in-situ<br>0002 = Prospective transfer, move in<br>0003 = Correction of Transfer | Mandatory | One of:<br>• "0002" (move in) to support TFR-PEND-MI-NOTF<br>• "0001" to support TFR-PEND-NOTF<br>• "0003" to support ECNET-PEND-NOTF | 1..1 | ChangeRequest/ChangeData/ChangeReasonCode | xsd:string xsd:maxLength ="4" |
| ProposedDate | Date (10)<br>Ccyy-mm-dd | Mandatory | For TFR-PEND-NOTF and TFR-PEND-NOTF: The Earliest Change Date supplied in the original transfer request or error correction.<br>For ECNET-PEND-NOTF: The transfer date of the original transfer transaction to be corrected. | 1..1 | ChangeRequest/ChangeData/ProposedDate | xsd:date |
| NMI | String(10) | Mandatory | For TFR-PEND-NOTF and TFR-PEND-NOTF: The MIRN in the original Change Request<br>For ECNET-PEND-NOTF: The MIRN in the original transfer transaction to be corrected. | 0..1 | ChangeRequest/ChangeData/NMI | xsd:string length="10" |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| Checksum | Integer(1) | Mandatory | An attribute of NMI | use="option al" | @checksum | xsd:integer" minInclusive="0"maxInclusiv e="9" |

### 8.1.9 CATSNotification Transaction – "OBJECTION" Variant

#### 8.1.9.1 Physical Transaction

**NOTE:** The Date and Time of Processing in the *Registry* shall be stored in the transactionDate attribute of the transaction.
*CATSNotification*

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| Role | String(4)<br>"USER' – User<br>"NO" - Network operator | Mandatory | The role assigned to the recipient. Either:<br>• "USER" to support TFR-OBJ-NOTF-IU<br>• "USER" to support ECNET-OBJ-NOTF-PU | 1..1 | Role | xsd:string xsd:maxLength ="4" |
| RoleStatus | String(Enum)<br>"N" = New (incoming)<br>"C" = Current | Mandatory | The status of this role. Either:<br>• "N" to support TFR-OBJ-NOTF-IU<br>• "N" to support ECNET-OBJ-NOTF-PU (Note here that this is the previous user, but for the purposes of this transaction this user can be considered to be incoming, or "N"ew.) | 1..1 | RoleStatus | Enumerated list of xsd::string "N", "C". |
| Participant | String (10) | Mandatory | For TFR-OBJ-NOTF-IU, this will contain the GBO ID of the participant that initiated the Transfer.<br>For ECNET-OBJ-NOTF-PU, this will contain the GBO ID of the participant that initiated the error correction. | 1..1 | ChangeRequest/Participant | xsd:string |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| RequestID | Numeric (10) | Mandatory | The unique ID assigned by the Market Operator to the Transfer Request (for TFR-OBJ-NOTF-IU) or Error Correction (for ECNET-OBJ-NOTF-PU | 1..1 | ChangeRequest/RequestID | xsd:positiveIntegermaxInclusive ="9999999999" |
| ChangeStatusCode | String (4)<br>REQ = Requested<br>PEN = Pending<br>OBJ = Objection<br>COM = Completed<br>CAN = Cancelled<br>RCA = RoLR Cancelled<br>RCO = RoLR Completed | Mandatory | This is the current state of the transfer request. In this case, it will be "OBJ". | 1..1 | ChangeRequest/ChangeStatusCode | xsd:string xsd:maxLength ="4" |
| ChangeReasonCode | String (4)<br>0001 = Prospective transfer, in-situ<br>0002 = Prospective transfer, move in<br>0003 = Correction of Transfer | Mandatory | For TFR-OBJ-NOTF-IU, since there can be no objections for a move-in this data element must take a value of "0001" which will be the value from the original transfer request.<br>For ECNET-OBJ-NOTF-PU, this will be populated with "0003" | 1..1 | ChangeRequest/ChangeData/ChangeReasonCode | xsd:string xsd:maxLength ="4" |
| ProposedDate | Date (10)<br>ccyy-mm-dd | Mandatory | This is the earliest change date from the original transfer request or the date of the original transfer for error correction. | 1..1 | ChangeRequest/ChangeData/ProposedDate | xsd:date |
| InitiatingRequestID | Numeric(10) | Not Required | | | ChangeRequest/ChangeData/Initiating RequestID | xsd:positiveIntegermaxInclusive ="9999999999" |
| NMI | String(10) | Mandatory | From the Change Request | 0..1 | ChangeRequest/ChangeData/NMI | xsd:stringlength="10" |
| Checksum | Integer(1) | Mandatory | An attribute of NMI | use="optional" | @checksum | xsd:integer" minInclusive="0"maxInclusive ="9" |
| Participant | String (10) | Mandatory | The GBO ID of the objecting participant. | 1..1 | Objection/Participant | xsd:string |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| ObjectionID | Numeric (10) | Mandatory | Unique ID assigned by the Market Operator to the Objection Request | 1..1 | Objection/ObjectionID | xsd:positiveIntegermaxInclusive ="9999999999" |
| ObjectingAction | String (Enum) "Raised" or "Withdrawn" | Mandatory | In this case "Raised" | 1..1 | Objection/ObjectionAction | enumerated list of xsd:stringvalues "R"aised", "W"ithdrawn" |
| InitiatingRequestID | Numeric (10) | Mandatory | This is a copy of RequestID included above. | 1..1 | Objection/ObjectionData/InitiaingRequestID | xsd:positiveIntegermaxInclusive ="9999999999" |
| Role | String (4) Values as above | Mandatory | Role of the objecting participant: <br>• "NO" or "ROLR" to support TFR-OBJ-NOTF-IU <br>• ""NO" or "CU" to support ECNET-OBJ-NOTF-PU | 1..1 | Objection/ObjectionData/Role | xsd:string xsd:maxLength ="4" |
| ObjectionCode | String (8) "DECLINED" | Mandatory | Valid objection reason code For TFR-OBJ-NOTF-IU, "DECLINED" = No Haulage Contract is in place. For ECNET-OBJ-NOTF-PU, "DECLINED" = The original delivery point transaction is believed to be correct/ the correction notice contains incorrect information | 1..1 | Objection/ObjectionData/ObjectionCode | xsd:string xsd:length ="8" |
| ObjectionDate | Date (10) | Mandatory | The date that the objection was processed by the GRMS. | 1..1 | Objection/ObjectionDate | xsd:date |

### 8.1.10 CATSNotification Transaction – "CANCELLED" Variant

#### 8.1.10.1 Physical Transaction

*CATSNotification*

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| Role | String(4) "USER' – User "NO" - Network operator | Mandatory | The role assigned to the recipient, either "USER" or "NO" | 1..1 | Role | xsd:string xsd:maxLength ="4" |
| RoleStatus | String(Enum) "N" = New (incoming) "C" = Current | Mandatory | For TFR-CAN-NOTF, "C" for current roles and "N" for the incoming user. For ECNET-CAN-NOTF, "C" for current roles and for the previous user, this will be "N", since this previous user can be considered to be the incoming user in this process. | 1..1 | RoleStatus | Enumerated list of xsd:string "N", "C". |
| Participant | String (10) | Optional | This will contain the GBO ID of the participant that initiated the Transfer. For TFR-CAN-NOTF and ECNET-CAN-NOTF , When sent to the current user this value is simply populated with xsi:nil = "true" | 1..1 | ChangeRequest/Participant | xsd:string |
| RequestID | Numeric (10) | Mandatory | The unique ID assigned by the Market Operator to the Transfer or error correction | 1..1 | ChangeRequest/RequestID | xsd:positiveIntegermaxInclusive ="9999999999" |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| ChangeStatusCode | String (4)<br>REQ = Requested<br>PEN = Pending<br>OBJ = Objection<br>COM = Completed<br>CAN = Cancelled<br>RCA = RoLR Cancelled<br>RCO = RoLR Completed | Mandatory | The value is "CAN".<br>For cancelled transactions in a RoLR event, the allowable value is "RCA". | 1..1 | ChangeRequest/ChangeStatusCode | xsd:string xsd:maxLength ="4" |
| ChangeReasonCode | String (4)<br>0001 = Prospective transfer, in-situ<br>0002 = Prospective transfer, move in<br>0003 = Correction of Transfer | Mandatory | This element will take the value from the original transfer request. Either:<br>• "0001" or "0002" (for a move-in) to support TFR-CAN-NOTF<br>• "0003" to support ECNET-CAN-NOTF | 1..1 | ChangeRequest/ChangeData/ChangeReasonCode | xsd:string xsd:maxLength ="4" |
| ProposedDate | Date (10)<br>Ccyy-mm-dd | Mandatory | The earliest Change Date from the change request or that date that the transfer originally took place for error correction | 1..1 | ChangeRequest/ChangeData/ProposedDate | xsd:date |
| NMI | String(10) | Mandatory | The MIRN | 0..1 | ChangeRequest/ChangeData/NMI | xsd:string length="10" |
| Checksum | Integer(1) | Mandatory | An attribute of NMI | use="optional" | @checksum | xsd:integer" minInclusive="0"maxInclusive="9" |

### 8.1.11 CATSNotification Transaction – "COMPLETED" Variant

#### 8.1.11.1 Physical Transaction

*CATSNotification*

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| Role | String(4)<br>"USER" – User<br>"NO" - Network operator | Mandatory | The role assigned to the recipient. In this case either "USER" or "NO" | 1..1 | Role | xsd:string xsd:maxLength ="4" |
| RoleStatus | String(Enum)<br>"N" = New (incoming)<br>"C" = Current | Mandatory | For TFR-CONF-NOTF, "C" for the Network operator and Current User and "N" for the incoming user.<br>For ECNET-CONF-NOTF, "C" for the Network operator and Current User and for the Previous user "N", since this user can be considered to be the incoming user in this process. | 1..1 | RoleStatus | Enumerated list of xsd:string "N", "C". |
| Participant | String (10) | Mandatory | For TFR-CONF-NOTF and ECNET-CONF-NOTF:<br>• contains the GBO Id of the incoming user that initiated the transfer when sent to the Network Operator.<br>We do not communicate the incoming users identity to the current user. Set this to xsi:nil = "true".<br>• | 1..1 | ChangeRequest/Participant | xsd:string |
| RequestID | Numeric (10) | Mandatory | The unique ID assigned by the Market Operator to the Transfer Request or error correction | 1..1 | ChangeRequest/RequestID | xsd:positiveIntegermaxInclusive ="9999999999" |

| Data Element | Format | Usage | Usage/ Comments | AseXML | | |
|---|---|---|---|---|---|---|
| | | | | Occurs | Element Path | Data Type |
| ChangeStatusCode | String (4)<br>REQ = Requested<br>PEN = Pending<br>OBJ = Objection<br>COM = Completed<br>CAN = Cancelled<br>RCA = RoLR Cancelled<br>RCO = RoLR Completed | Mandatory | Current status of the Change Request. In this case, "COM"<br>For accelerated transactions in a RoLR event, the allowable value is "RCO". | 1..1 | ChangeRequest/ChangeStatusCode | xsd:string xsd:maxLength ="4" |
| ChangeReasonCode | String (4)<br>0001 = Prospective transfer, in-situ<br>0002 = Prospective transfer, move in<br>0003 = Correction of Transfer | Mandatory | Either:<br>• "0001" or "0002" (for a move-in) to support TFR-CONF-NOTF<br>• "0003" to support ECNET-CONF-NOTF<br>It's value will be the same ChangeReasonCode from the original transfer request. | 1..1 | ChangeRequest/ChangeData/ChangeReasonCode | xsd:string xsd:ma"L"ngth ="4" |
| ActualChangeDate | Date (10)<br>ccyy-mm-dd | **Mandatory** for TFR-CONF-NOTF<br>**Mandatory** for ECNET-CONF-NOTF | For a transfer, this is the date when the transfer completes. This is the meter read date provided by the network operator.<br>For error correction, this is the date when the transfer which is being corrected was completed. | 1..1 | ChangeRequest/ChangeData/ActualChangeDate | xsd:date |
| NMI | String(10) | Mandatory | The MIRN in the original Change Request | 0..1 | ChangeRequest/ChangeData/NMI | xsd:stringlength="10" |
| Checksum | Integer(1) | Mandatory | An attribute of NMI | use="optional" | @checksum | xsd:integer" minInclusive="0"maxInclusive="9" |