



DRAFT:
aseXML Schema Change Request

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Title	B2B One Way Notification, New NMI Standing Data: Feeder Class and 11 Generic NMI Standing Data items and, new version for Meter Data Notifications
Change Type	Enhancement
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Prepared By	Eddie Graham, Bob Jones

Document Control

Version	Date	Author	Summary of Change
1.00	24 Nov. 08	Eddie Graham	Change proposal for B2B One Way Notification.
1.01	8 Dec. 08	Bob Jones	Draft Change proposal for New NMI Standing Data: Feeder Class and Generic NMI Standing Data items and New version for Meter Data Notifications
1.02	6 Jan 09	Matt Wilson	Review changes.
1.03	7 Jan 09	Eddie Graham	Updated change proposal for B2B One Way Notification.
1.04	13 Jan 09	Nada Reinprecht	Review change to Generic NMI Standing Data item names.
1.05	12 Jan 09	Nada Reinprecht	Added XML version of OneWayNotification
1.06	21 Jan 2009	Nada Reinprecht	Added some aseXML schema diagrams; Removed XML version of OneWayNotification
1.07	22 Jan 2009	Bob Jones, Eddie Graham	Review changes.
1.08	27 Jan 2009	Nada Reinprecht	Updated: Consistent CSV approach for OneWayNotification and MeterDataNotification; version attributes of CATSChangeRequest and CATSNotification corrected;
1.09	17 Feb 2009	Nada Reinprecht	Removed GenericDataFields
1.1	03 Mar 2009	Nada Reinprecht	Changed CSVData to CSVNotificatiionDetail in OneWayNotification as per PDRG request
1.2	21 Mar 2009	Nada Reinprecht	Included schema capability to extend the Electricity Master Standing Data outside of normal aseXML schema change cycle

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Glossary

Abbreviation	Description

There are three changes included in this proposal:

1. B2B One Way Notification
2. New NMI Standing data: Feeder Class and extensibility of Electricity Master Standing Data
3. New version for Meter Data Notifications

Items common to all changes are shaded and asterisked (*).

1. B2B One Way Notification

1.1. Change Proposal

This Change Proposal is to provide a new national B2B transaction to enable large volumes of information to be communicated from one participant to another participant.

1.1.1 Description of the proposed change

The proposed changes are listed in the following table.

Item#	Change Description	Change Type ¹
1	Provide a new national B2B transaction to enable large volumes of information to be communicated from one participant to another participant.	Enhancement

Table 1-1, Proposed Changes

1.1.1.1 First change description

Provide a new B2B transaction called “OneWayNotification” which has a mandatory “version” attribute to identify the version of the transaction. This transaction has one element “CSVNotificationDetail” which is mandatory, cannot be empty and can appear only once. This element has an optional “Name” attribute to identify the type of the CSV Notification.

1.1.2 Reason for Change

Provide participants with a new national B2B transaction to enable large volumes of information to be communicated from one participant to another participant.

1.1.3 Supplied Documents

Not Applicable.

1.1.4 Business process document

Enhancement defect 4793 has been raised in Quality Centre under the MSystems Project for this purpose.

1.1.5 Baseline Schema

The schema used as a basis for this proposal is aseXML_r24.xsd.

1.2. Approval Proposal

1.2.1 Proposed Change

1.2.1.1 Draft schema

Draft schema created as aseXML_r25.xsd.

¹ Change Type can be one of

- New
- Enhancement, or
- Bug Fix

1.2.1.2 Change log

The following changes have been implemented in this draft:

Chg #	Item #	Description of change	Filename
1*	1	Updated schema namespace to urn:aseXML:r25; File version changed from r24 to r25	aseXML_r25
2*	1	Updated Event schema to Events_r25 in the aseXML_r25	aseXML_r25
3	1	Updated Header schema to Header_r25 in the aseXML_r25	aseXML_r25
4	1	Updated Transactions schema to Transactions_r25 in the aseXML_r25	aseXML_r25
5*	1	Added r25 release identifier in the Event schema; File version changed from r24 to r25	Events_r25
6	1	Added new transaction group OWNP to enumeration for simple type TransactionGroup in the Header_r25; File version changed from r21 to r25	Header_r25
7	1	Created new One Way Notification schema in OneWayNotification_r25	OneWayNotification_r25
8	1	Added new One Way Notification schema in the aseXML_r25	aseXML_r25
9	1	Added new element OneWayNotification to complex type Transaction in the Transactions_r25; File version changed from r21 to r25	Transactions_r25

Table 1-2 Change Log

1.2.1.3 Schema change description

Add new transaction “OneWayNotification” to aseXML schema.

1.2.1.3.1 aseXML_r25.xsd

- Update schema namespace to “urn:aseXML:r25”.
- Update Event schema to “Events_r25.xsd”.
- Update Header schema to “Header_r25.xsd”.
- Update Transactions schema to “Transactions_25.xsd”.
- Add new One Way Notification schema “OneWayNotification_r25.xsd”.

```
<xsd:include schemaLocation="OneWayNotification_r25.xsd">
  <xsd:annotation>
    <xsd:documentation>
      Purpose - Include data types for One Way Notification transactions
    </xsd:documentation>
  </xsd:annotation>
</xsd:include>
```

1.2.1.3.2 Events_r25.xsd

- Add r25 release identifier.

```
<xsd:simpleType name="r25">
  <xsd:annotation>
    <xsd:documentation>Purpose - Release r25 identifier</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="ReleaseIdentifier">
    <xsd:enumeration value="r25"/>
  </xsd:restriction>
</xsd:simpleType>
```

1.2.1.3.3 Header_r25.xsd

- Add new transaction group “OWNP” to enumeration for simple type “TransactionGroup”.

```
<xsd:enumeration value="OWNP"/>
```

1.2.1.3.4 Common

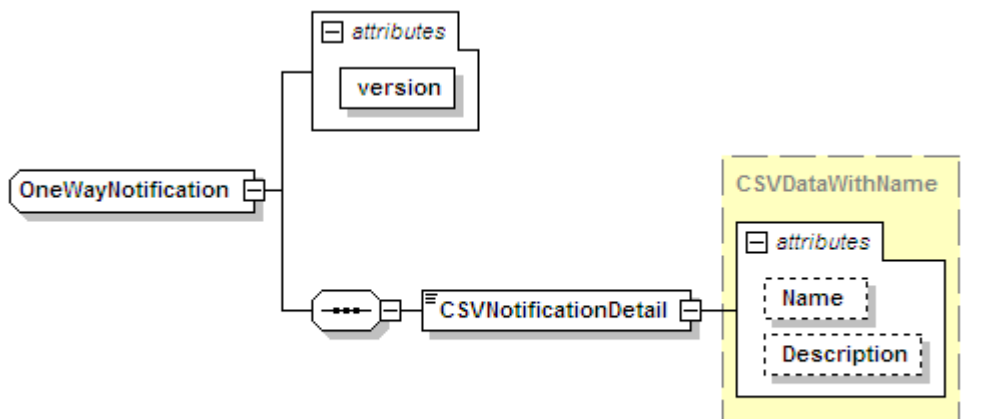
- Add complex type CSVDataWithName

```

<xsd:complexType name="CSVDataWithName">
  <xsd:simpleContent>
    <xsd:extension base="xsd:string">
      <xsd:attribute name="Name">
        <xsd:simpleType>
          <xsd:restriction base="NonZeroLengthString">
            <xsd:maxLength value="10"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:attribute>
      <xsd:attribute name="Description">
        <xsd:simpleType>
          <xsd:restriction base="NonZeroLengthString">
            <xsd:maxLength value="80"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:attribute>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
    
```

1.2.1.3.5 OneWayNotification_r25.xsd

- Create complex type “OneWayNotification” with mandatory element “CSVNotificationDetail” of type “CSVWithName” and mandatory attribute “version”.



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1.2.1.3.6 Transactions_r25.xsd

- Add element “OneWayNotification” to complex type “Transaction”.

```

<xsd:element name="OneWayNotification" type="OneWayNotification"/>
    
```

1.2.1.4 Impact Summary

This table identifies the files, transactions and versioned types that are potentially impacted as the result of these changes, where:

- Modified types - is a full list of types changed by this Change Request
- Derived types – is a list of any types that are derived from a modified type, and are therefore also modified by default
- Versioned types affected – is a list of all versioned types that need to have the version attribute updated as a result of this Change Request
- Transactions potentially affected – is a list of all transactions that contain a modified type, either directly or via a type substitution
- Schema files affected – is a list of schema files that change as a result of this Change Request.

Modified types	Derived types	Versioned types affected	Transactions potentially affected	Schema files affected
TransactionGroup				Header_r25.xsd
Transaction				Transactions_r25.xsd

Table 1-3, Impact Summary

1.2.1.5 *Developer Test*

1.2.1.5.1 Test Platforms

The new schema has been tested using the following platforms as advised by ASWG:

- XMLSpy 2004
- MSXML4 SP1
- Xerces 1.4.4 and 2.2.1

1.2.1.5.2 Test Cases

- owmpl_agilitym_tc01.xml
- owmpl_agilitym_tc02.xml
- owmpl_agilitym_tc03.xml
- owmpl_agilitym_tc04.xml
- owmpl_agilitym_tc05.xml
- owmpl_agilitym_tc06.xml
- owmpl_agilitym_tc07.xml
- owmpl_agilitym_tc08.xml
- owmpl_agilitym_tc09.xml
- owmpl_agilitym_tc10.xml

1.3. Proposal Assessment

1.3.1 Test

The ASWG ensures that all recommended parsers on relevant platforms can successfully validate the proposed schema.

1.3.1.1 *Test Platforms*

Supplied samples have been tested using the following parsers:

- MSXML 4.0 SP2
- Xerces 1.4.1
- Xerces 2.2.1
- XMLSpy 2008

1.3.1.2 *Test Cases*

<List samples tested... or 'as per section 1.2.1.5.2'>

1.3.1.3 *Test Results*

<All OK... or note issues>

1.3.2 Conformance Report

The ASWG completes the conformance report validating each proposed new schema file against the published aseXML guidelines.

Schema Filename	Impacted by Item #	Conformance Details
aseXML_*.xsd	1,2	<Conforms... or note non-conformance>

Table 1-4, Change Proposal Conformance Details

1.4. Issue Register

This section describes any issues that have arisen and any modifications that are made to the original proposal during the Change Process

1.4.1 Status of Issues

Issue#	Item#	Description and Discussion	Status ²	Resolution
1				

Table 1-5, Issues list

1.5. Resolution

The ASWG votes for endorsement of the options identified in section 2, and the voting results are forwarded to NEMMCO for approval. When 75% of those ASWG members who voted endorse a specific option, this represents an ASWG Recommendation for that option. NEMMCO will not reject an ASWG Recommendation without first consulting with the ASWG.

1.5.1 ASWG Endorsement

The results of the ASWG vote are as follows:

Date of Vote: ??/??/????

Option	# Votes	% Vote
Option 1 (section 2.1)		
Option 2 (section 2.2)		
Option # (section 2.#)		
Abstained		
Total Members Present		

Table 1-6, ASWG Vote Results

1.5.1.1 Test Platforms

Supplied samples have been tested using the following parsers:

- MSXML 4.0 SP2
- Xerces 1.4.1
- Xerces 2.2.1
- XMLSpy 2008

² Either 'Open' or 'Closed'

1.5.1.2 Test Cases

<List samples tested... or 'as per section 1.2.1.5.2'>

1.5.1.3 Test Results

<All OK... or note issues>

1.5.2 Conformance Report

The ASWG completes the conformance report validating each proposed new schema file against the published aseXML guidelines.

Schema Filename	Impacted by Item #	Conformance Details
aseXML_*.xsd	1,2	<Conforms... or note non-conformance>

Table 1-7, Change Proposal Conformance Details

1.6. Issue Register

This section describes any issues that have arisen and any modifications that are made to the original proposal during the Change Process

1.6.1 Status of Issues

Issue#	Item#	Description and Discussion	Status ³	Resolution
1				

Table 1-8, Issues list

1.7. Resolution

The ASWG votes for endorsement of the options identified in section 2, and the voting results are forwarded to NEMMCO for approval. When 75% of those ASWG members who voted endorse a specific option, this represents an ASWG Recommendation for that option. NEMMCO will not reject an ASWG Recommendation without first consulting with the ASWG.

1.7.1 ASWG Endorsement

The results of the ASWG vote are as follows:

Date of Vote: ??/??/????

Option	# Votes	% Vote
Option 1 (section 2.1)		
Option 2 (section 2.2)		
Option # (section 2.#)		
Abstained		
Total Members Present		

³ Either 'Open' or 'Closed'

Table 1-9, ASWG Vote Results

2. New NMI Standing Data: Feeder Class and extensible Electricity Master Standing Data

2.1. Change Proposal

This Change Proposal is to provide new optional NMI Standing Data items: called Feeder Class, is to enable retailers to determine various service level requirements.

2.1.1 Description of the proposed change

The proposed changes are listed in the following table.

Item#	Change Description	Change Type ⁴
1	Allow creation, maintenance and reporting of Feeder Class data. Feeder Class is optional NMI level data.	Enhancement
2	Allow addition of generic NMI Standing Data without change of aseXML schema version	Enhancement

Table 2-1, Proposed Changes

2.1.1.1 First change description

Provide:

- A new optional NMI Standing Data item called FeederClass.
- allow for addition of NMI Master Data when identified without schema version change

2.1.2 Reason for Change

Provide participants with:

- a new single-purpose NMI Standing Data field for Feeder Class so that there is no conflict in use.
- Enable Participants to communicate the new standing data before schema version upgrade

2.1.3 Supplied Documents

Not Applicable.

2.1.4 Business process document

Enhancement defects 4829 and 4374 have been raised in Quality Centre under the MSystems Project for this purpose.

2.1.5 Baseline Schema

The schema used as a basis for this proposal is aseXML_r24.xsd.

⁴ Change Type can be one of

- New
- Enhancement, or
- Bug Fix

2.2. Approval Proposal

2.2.1 Proposed Change

2.2.1.1 Draft schema

Draft schema created as aseXML_r25.xsd.

2.2.1.2 Change log

The following changes have been implemented in this draft:

Chg #	Item #	Description of change	Filename
1*	1,2	Updated schema namespace to urn:aseXML:r25; File version changed from r24 to r25	aseXML_r25
2*	1,2	Updated Event schema to Events_r25 in the aseXML_r25	aseXML_r25
3	1,2	Updated Electricity schema to Electricity_r25 in the aseXML_r25	aseXML_r25
4	1,2	Updated CATS Table Replication schema to CATSTableReplication_r25 in the aseXML_r25	aseXML_r25
5	2	Create new un-versioned schema file ElectricityMasterStandingData	ElectricityMasterStandingData
6	2	Included new schema ElectricityMasterStandingData to aseXML_r25	aseXML_r25
7*	1,2	Added r25 release identifier in the Event schema; File version changed from r24 to r25	Events_r25
8	1	Add new simple type FeederClass	Electricity_r25
9	2	Remove ElectricityMasterStandingData from Electricity_r25;	Electricity_r25
10	1	Change optional ElectricityStandingData version attribute type value from r19 to r25; File version changed from r19 to r25	Electricity_r25
11	2	Include ElectricityMasterStandingData type to the ElectricityMasterStandingData schema file	ElectricityMasterStandingData
12	1	Append new element FeederClass to complex type ElectricityMasterStandingData sequence in the ElectricityMasterStandingData file;	ElectricityMasterStandingData
13	2	Include ElectricityNMIMasterGroup type to the ElectricityMasterStandingData schema file	ElectricityMasterStandingData
14	1	Append new element FeederClass to the group ElectricityNMIMasterGroup sequence in the ElectricityMasterStandingData;	ElectricityMasterStandingData
15	2	Remove ElectricityNMIMasterGroup from CATSTableReplication_r25; File version changed from r19 to r25	CATSTableReplication_r25
16	1	Change optional ElectricityNMIMasterRow version attribute type value from r19 to r25; File version changed from r19 to r25	CATSTableReplication_r25
17	1	Change optional ElectricityCATSChangeRequestNMIMasterRow version attribute type value from r19 to r25; File version changed from r19 to r25	CATSTableReplication_r25

Table 2-2 Change Log

2.2.1.3 Schema change description

Add new “FeederClass” and generic NMI Standing Data elements to Electricity schema.

2.2.1.3.1 aseXML_r25.xsd

- Update schema namespace to “urn:aseXML:r25”.
- Update Event schema to “Events_r25.xsd”.
- Update Common schema to “Common_r25.xsd”.
- Update Electricity schema to “Electricity_r25.xsd”.
- Update CATS Table Replication schema to “CATSTableReplication_r25.xsd”.
- Include new schema file: “ElectricityMasterStandingData”

2.2.1.3.2 Events_r25.xsd

- Add r25 release identifier.

```
<xsd:simpleType name="r25">
  <xsd:annotation>
    <xsd:documentation>Purpose - Release r25 identifier</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="ReleaseIdentifier">
    <xsd:enumeration value="r25"/>
  </xsd:restriction>
</xsd:simpleType>
```

2.2.1.3.3 Electricity_r25.xsd

- Add new simple type "FeederClass":

```
<xsd:simpleType name=" FeederClass ">
  <xsd:annotation>
    <xsd:documentation>
Classification of High Voltage distribution line feeding property.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="15"/>
    <xsd:minLength value="1"/>
    <xsd:whiteSpace value="collapse"/>
  </xsd:restriction>
</xsd:simpleType>
```

- Remove ElectricityMasterStandingData type

2.2.1.3.4 ElectricityMasterStandingData.xsd

- Add ElectricityMasterStandingData type from Electricity_r25
- Append new optional element "FeederClass" to complex type "ElectricityMasterStandingData" sequence after the AccessDetails element:

```
<xsd:element name=" FeederClass " type=" FeederClass" nillable="true" minOccurs="0"/>
```

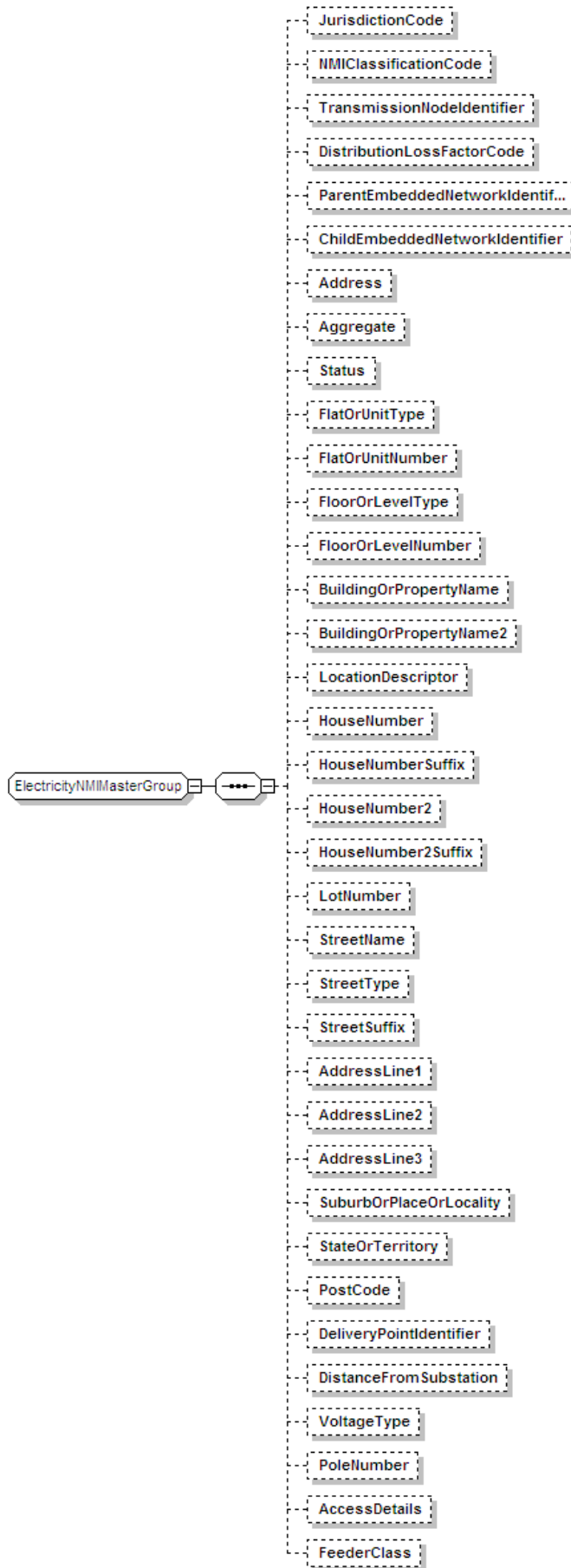


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- Add "ElectricityNMIMasterGroup" from CATSTableReplication_r25
- Append new optional element "FeederClass" to group "ElectricityNMIMasterGroup" sequence after the AccessDetails element:

```
<xsd:element name=" FeederClass " type=" FeederClass" nillable="true" minOccurs="0"/>
```



2.2.1.3.5 CATSTableReplication_r25

- Remove group “ElectricityNMIMasterGroup”
- Change optional ElectricityCATSChangeRequestNMIMasterRow version attribute type value from r19 to r25:
`<xsd:attribute name="version" type="r25" use="optional"/>`
- Change optional ElectricitytNMIMasterRow version attribute type value from r19 to r25:
`<xsd:attribute name="version" type="r25" use="optional"/>`

2.2.1.4 Impact Summary

This table identifies the files, transactions and versioned types that are potentially impacted as the result of these changes, where:

- Modified types - is a full list of types changed by this Change Request
- Derived types – is a list of any types that are derived from a modified type, and are therefore also modified by default
- Versioned types affected – is a list of all versioned types that need to have the version attribute updated as a result of this Change Request
- Transactions potentially affected – is a list of all transactions that contain a modified type, either directly or via a type substitution
- Schema files affected – is a list of schema files that change as a result of this Change Request.

Modified types	Derived types	Versioned types affected	Transactions potentially affected	Schema files affected
FeederClass	ElectricityMasterStandingData	ElectricityMasterStandingData	All transactions that use ElectricityStandingData	Electricity_r25; ElectricityMasterStandingData
	ElectricityNMIMasterGroup	ElectricityNMIMasterGroup	Replication Reports	CATSTableReplication_r25; ElectricityMasterStandingData

Table 2-3, Impact Summary

2.2.1.5 Developer Test

2.2.1.5.1 Test Platforms

The new schema has been tested using the following platforms as advised by ASWG:

- XMLSpy 2004
- MSXML4 SP1
- Xerces 1.4.4 and 2.2.1

2.2.1.5.2 Test Cases

- catsm_energyapbatch_2501_r25_FeederClass_CBD.xml
- catsm_energyapbatch_2501_r25_FeederClass_ISOLATED.xml
- catsm_energyapbatch_2501_r25_FeederClass_LONG_RURAL.xml
- catsm_energyapbatch_2501_r25_FeederClass_SHORT_RURAL.xml
- catsm_energyapbatch_2501_r25_FeederClass_URBAN.xml
- catsm_wbaympa_C1_NMI_DATA_FeederClass.xml

2.3. Proposal Assessment

2.3.1 Test

The ASWG ensures that all recommended parsers on relevant platforms can successfully validate the proposed schema.

2.3.1.1 Test Platforms

Supplied samples have been tested using the following parsers:

- MSXML 4.0 SP1
- Xerces 1.4.1
- Xerces 2.2.1
- XMLSpy 2004

2.3.1.2 Test Cases

<List samples tested... or 'as per section 1.2.1.5.2'>

2.3.1.3 Test Results

<All OK... or note issues>

2.3.2 Conformance Report

The ASWG completes the conformance report validating each proposed new schema file against the published aseXML guidelines.

Schema Filename	Impacted by Item #	Conformance Details
aseXML_r*.xsd	1,2	<Conforms... or note non-conformance>

Table 2-4, Change Proposal Conformance Details

2.4. Issue Register

This section describes any issues that have arisen and any modifications that are made to the original proposal during the Change Process

2.4.1 Status of Issues

Issue#	Item#	Description and Discussion	Status ⁵	Resolution
1				

Table 2-5, Issues list

2.5. Resolution

The ASWG votes for endorsement of the options identified in section 2, and the voting results are forwarded to NEMMCO for approval. When 75% of those ASWG members who voted endorse a specific option, this represents an ASWG Recommendation for that option. NEMMCO will not reject an ASWG Recommendation without first consulting with the ASWG.

2.5.1 ASWG Endorsement

The results of the ASWG vote are as follows:

Date of Vote: ??/??/????

Option	# Votes	% Vote
Option 1 (section 2.1)		
Option 2 (section 2.2)		
Option # (section 2.#)		
Abstained		
Total Members Present		

Table 2-6, ASWG Vote Results

⁵ Either 'Open' or 'Closed'

3. New version for Meter Data Notifications

3.1. Change Proposal

This Change Proposal is to provide a new version for the MeterDataNotification element so that CSV meter data submissions with the new DCTC column for Profile and Interval CSV data can be identified and validated.

3.1.1 Description of the proposed change

The proposed changes are listed in the following table.

Item#	Change Description	Change Type ⁶
1	Allow identification and validation of meter data CSV submissions containing the new DCTC column for Profile and Interval CSV meter data by providing name (and optionally description) of the CSV payload.	Enhancement

Table 3-1, Proposed Changes

3.1.1.1 First change description

Allow CSV payload in MeterDataNotification to be identified by name. Provide a new version for the MeterDataNotification element.

3.1.2 Reason for Change

Provide participants with a new version for the MeterDataNotification element so that CSV meter data containing the new DCTC column for Profile and Interval CSV meter data can be identified and validated.

3.1.3 Supplied Documents

In the PDRG October 2008 meeting, solution option 3, as provided by the MDPWG and as stated in the discussion paper '05 - 4205 Meter Data Code Determination v0.7.docx' was endorsed.

3.1.4 Business process document

Enhancement defect 4205 has been raised in Quality Centre under the MSystems Project for this purpose.

3.1.5 Baseline Schema

The schema used as a basis for this proposal is aseXML_r24.xsd. The MeterDataNotification element version is a required attribute.

⁶ Change Type can be one of

- New
- Enhancement, or
- Bug Fix

3.2. Approval Proposal

3.2.1 Proposed Change

3.2.1.1 Draft schema

Draft schema created as aseXML_r25.xsd.

3.2.1.2 Change log

The following changes have been implemented in this draft:

Chg #	Item #	Description of change	Filename
1*	1	Updated schema namespace to urn:aseXML:r25; File version changed from r24 to r25	aseXML_r25
2	1	Updated MeterDataManagement schema to MeterDataManagement_r25 in the aseXML_r25	aseXML_r25
3*	1	Updated Event schema to Events_r25 in the aseXML_r25	aseXML_r25
4*	1	Added r25 release identifier in the Event schema; File version changed from r24 to r25	Events_r25
5	1	Replace CSVData type with CSVDataWithName type for all three CSV data elements: CSVConsumptionData, CSVIntervalData and CSVProfileData.	MeterDataManagement_r25.xsd
6	1	Change MeterDataNotification version attribute type value from r19 to r25; File version changed from r19 to r25	MeterDataManagement_r25.xsd

Table 3-2 Change Log

3.2.1.3 Schema change description

Add new generic NMI Standing Data elements to Electricity schema.

3.2.1.3.1 aseXML_r25.xsd

- Update schema namespace to “urn:aseXML:r25”.
- Update MeterDataManagement schema to “MeterDataManagement_r25.xsd”.
- Update Event schema to “Events_r25.xsd”.

3.2.1.3.2 Events_r25.xsd

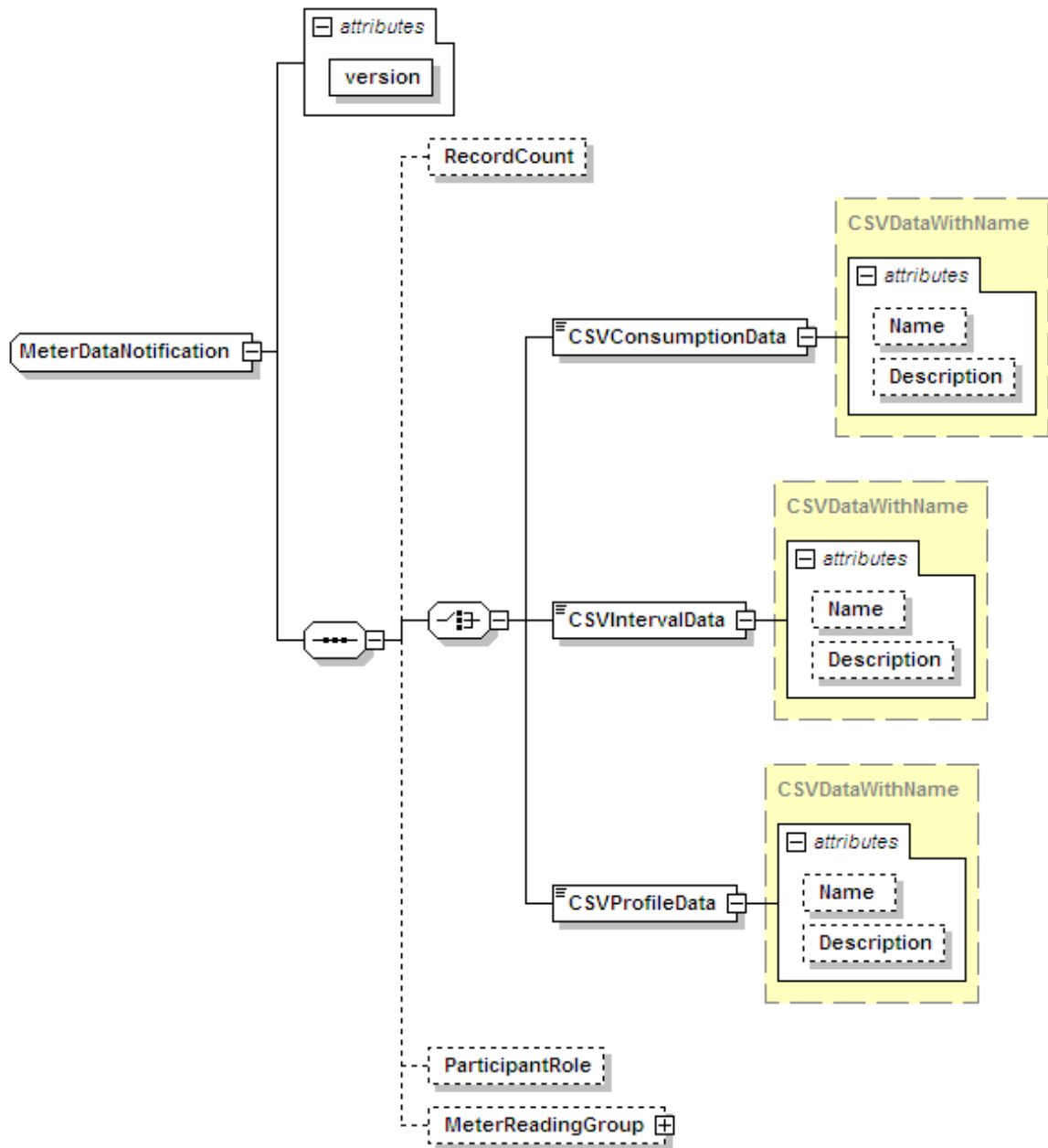
- Add r25 release identifier.

```
<xsd:simpleType name="r25">
  <xsd:annotation>
    <xsd:documentation>Purpose - Release r25 identifier</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="ReleaseIdentifier">
    <xsd:enumeration value="r25"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.2.1.3.3 MeterDataManagement_r25.xsd

- Change MeterDataNotification version attribute type value from r19 to r25:

```
<xsd:attribute name="version" type="r25" use="required"/>
```



3.2.1.4 Impact Summary

This table identifies the files, transactions and versioned types that are potentially impacted as the result of these changes, where:

- Modified types - is a full list of types changed by this Change Request
- Derived types – is a list of any types that are derived from a modified type, and are therefore also modified by default
- Versioned types affected – is a list of all versioned types that need to have the version attribute updated as a result of this Change Request
- Transactions potentially affected – is a list of all transactions that contain a modified type, either directly or via a type substitution
- Schema files affected – is a list of schema files that change as a result of this Change Request.

Modified types	Derived types	Versioned types affected	Transactions potentially affected	Schema files affected
MeterDataNotification				MeterDataManagement_r25.xsd

Table 3-3, Impact Summary

3.2.1.5 Developer Test

3.2.1.5.1 Test Platforms

The new schema has been tested using the following platforms as advised by ASWG:

- XMLSpy 2004
- MSXML4 SP1
- Xerces 1.4.4 and 2.2.1

3.2.1.5.2 Test Cases

- mdmth_tcaustm_consumption.xml
- mdmtl_tcaustm_interval.xml
- mdmtl_tcaustm_profile.xml

3.3. Proposal Assessment

3.3.1 Test

The ASWG ensures that all recommended parsers on relevant platforms can successfully validate the proposed schema.

3.3.1.1 Test Platforms

Supplied samples have been tested using the following parsers:

- MSXML 4.0 SP1
- Xerces 1.4.1
- Xerces 2.2.1
- XMLSpy 2004

3.3.1.2 Test Cases

<List samples tested... or 'as per section 1.2.1.5.2'>

3.3.1.3 Test Results

<All OK... or note issues>

3.3.2 Conformance Report

The ASWG completes the conformance report validating each proposed new schema file against the published aseXML guidelines.

Schema Filename	Impacted by Item #	Conformance Details
aseXML_r*.xsd	1,2	<Conforms... or note non-conformance>

Table 3-4, Change Proposal Conformance Details

3.4. Issue Register

This section describes any issues that have arisen and any modifications that are made to the original proposal during the Change Process

3.4.1 Status of Issues

Issue#	Item#	Description and Discussion	Status ⁷	Resolution
1				

Table 3-5, Issues list

3.5. Resolution

The ASWG votes for endorsement of the options identified in section 2, and the voting results are forwarded to NEMMCO for approval. When 75% of those ASWG members who voted endorse a specific option, this represents an ASWG Recommendation for that option. NEMMCO will not reject an ASWG Recommendation without first consulting with the ASWG.

3.5.1 ASWG Endorsement

The results of the ASWG vote are as follows:

Date of Vote: ??/??/????

Option	# Votes	% Vote
Option 1 (section 2.1)		
Option 2 (section 2.2)		
Option # (section 2.#)		
Abstained		
Total Members Present		

Table 3-6, ASWG Vote Results

⁷ Either 'Open' or 'Closed'