

# SCHEMA MANIFEST FOR GAS RETAIL MARKET TRANSITION TO ASEXML SCHEMA VERSION R45

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# Version History

VERSION	DATE	CHANGE
0.1	6/12/24	Initial draft for Package 1 B2B Changes consultation

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## 1. PURPOSE

The purpose of this document is to provide a guide for schema releases r41 through r44. This document is a guideline only; schema release notes are authoritative and take precedence over this document.

## 2. R41-R44 SCHEMA MANIFEST

### 2.1. Schema manifest

The table below shows the schema files that have been changed. Files that have been added, removed or modified for this release are marked.

#### 2.1.1. Change from r40 to r41

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r41.xsd			X
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r28.xsd			
CATSTableReplication_r29.xsd			
ClientInformation_r15.xsd			
Common_r41.xsd			X
CustomerDetails_r41.xsd			X
CustomerTransfer_r29.xsd			
Electricity_r41.xsd			X
ElectricityHighSpeedMonitoring_r26.xsd			
ElectricityMMS_r28.xsd			
ElectricityMasterStandingData.xsd			
Enumerations.xsd			X
Events_r41.xsd			X
Faults_r15.xsd			
Gas_r29.xsd			
GasMarketWholesale_r20.xsd			
Header_r28.xsd			
HighSpeedMonitoring_r26.xsd			
MarketWholesale_r20.xsd			
MDMTRReport_r39.xsd			X
MeterDataManagement_r29.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r28.xsd			
NOSBooking_r28.xsd			
NOSCommon_r28.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r41.xsd			X
Reports_r22.xsd			
ServiceOrder_r41.xsd			X
TableReplication_r15.xsd			
Transactions_r28.xsd			

File names	Added	Removed	Modified
No of files added	0		
No of files removed		0	
No of files modified			6
Total No of files			35

### 2.1.2. Change from r41 to r42

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r42.xsd			X
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r28.xsd			
CATSTableReplication_r42.xsd			X
ClientInformation_r42.xsd			X
Common_r41.xsd			
CustomerDetails_r41.xsd			
CustomerTransfer_r29.xsd			
Electricity_r42.xsd			X
ElectricityHighSpeedMonitoring_r26.xsd			
ElectricityMMS_r28.xsd			
ElectricityMasterStandingData_r42.xsd			X
Enumerations.xsd			
Events_r42.xsd			X
Faults_r15.xsd			
Gas_r29.xsd			
GasMarketWholesale_r20.xsd			
Header_r28.xsd			
HighSpeedMonitoring_r26.xsd			
MarketWholesale_r20.xsd			
MDMTRReport_r39.xsd			
MeterDataManagement_r29.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r28.xsd			
NOSBooking_r28.xsd			
NOSCommon_r28.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r41.xsd			
Reports_r22.xsd			
ServiceOrder_r41.xsd			
TableReplication_r15.xsd			
Transactions_r28.xsd			
No of files added	0		
No of files removed		0	
No of files modified			6
Total No of files			35

## 2.1.3. Change from r42 to r43

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r43.xsd			X
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r28.xsd			
CATSTableReplication_r43.xsd			X
ClientInformation_r42.xsd			
Common_r41.xsd			
CustomerDetails_r41.xsd			
CustomerTransfer_r29.xsd			
Electricity_r42.xsd			
ElectricityHighSpeedMonitoring_r26.xsd			
ElectricityMMS_r28.xsd			
ElectricityMasterStandingData_r43.xsd			X
Enumerations.xsd			
Events_r43.xsd			X
Faults_r15.xsd			
Gas_r29.xsd			
GasMarketWholesale_r20.xsd			
Header_r28.xsd			
HighSpeedMonitoring_r26.xsd			
MarketWholesale_r20.xsd			
MDMTRReport_r43.xsd			X
MeterDataManagement_r29.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r28.xsd			
NOSBooking_r28.xsd			
NOSCommon_r28.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r43.xsd			X
Reports_r22.xsd			
ServiceOrder_r41.xsd			
TableReplication_r15.xsd			
Transactions_r28.xsd			
<b>No of files added</b>	0		
<b>No of files removed</b>		0	
<b>No of files modified</b>			6
<b>Total No of files</b>			35

## 2.1.4. Change from r43 to r44

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r44.xsd			X
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r28.xsd			
CATSTableReplication_r43.xsd			
ClientInformation_r42.xsd			
Common_r41.xsd			
CustomerDetails_r41.xsd			
CustomerTransfer_r29.xsd			
Electricity_r42.xsd			
ElectricityHighSpeedMonitoring_r26.xsd			
ElectricityMMS_r28.xsd			
ElectricityMasterStandingData_r44.xsd			X
Enumerations.xsd			
Events_r44.xsd			X
Faults_r15.xsd			
Gas_r29.xsd			
GasMarketWholesale_r20.xsd			
Header_r28.xsd			
HighSpeedMonitoring_r26.xsd			
MarketWholesale_r20.xsd			
MDMTReport_r44.xsd			X
MeterDataManagement_r29.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r28.xsd			
NOSBooking_r28.xsd			
NOSCommon_r28.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r43.xsd			
Reports_r22.xsd			
ServiceOrder_r41.xsd			
TableReplication_r15.xsd			
Transactions_r28.xsd			
<b>No of files added</b>	0		
<b>No of files removed</b>		0	
<b>No of files modified</b>			4
<b>Total No of files</b>			35

## 2.2. Changes

The following ASWG Change Requests have been included in the schema releases for R41 to R44.

Schema	CR#	Description
r41	70	PlannedInterruptionNotification (PIN) Enhancements will streamline existing processes and link outages to the Service Orders that prompt them: <ul style="list-style-type: none"> <li>• Add ServiceOrderID field to PIN transaction</li> <li>• Update existing 'ReasonforInter' field in PIN transaction to add new values to enumeration</li> <li>• PIN Uses - Configuration</li> </ul>
r41	70	7 new fields to be added to Service Orders (SO) to support better communication between Initiators and Recipients of transactions by ensuring higher quality of data and automating existing manual processes. Currently this information is being communicated using special instructions in the service order (SO). <ul style="list-style-type: none"> <li>• Metering Service Works Install Meter, Metering Service Works Move Meter, Metering Service Works Exchange Meter, Metering Service Works Remove Meter, Metering Service Works Install Controlled Load, Metering Service Works Meter Reconfiguration, Metering Service Works Meter Investigation - All Reseal Device and ChangeTimeSwitch</li> </ul>
r41	70	New Customer Type Value – NCONUML (introduced to facilitate the implementation of Global Settlement)
r42	71	Addition of new fields and update existing fields to provide more complete and accurate Standing Date to support MSDR: <ul style="list-style-type: none"> <li>• Add eight new fields for NMI standing data: SharedIsolationPointFlag, MeterMalfunctionExemptionNumber, ConnectionConfiguration, GNAFPID, SectionNumber, DPNumber, HouseNumberTo, HouseNumberToSuffix</li> </ul>
r42	71	<ul style="list-style-type: none"> <li>• Add fifteen new fields for Meter Register Standing Data: CurrentTransformerLocation, CurrentTransformerType, CurrentTransformerRatioAvailable, CurrentTransformerRatioConnected, CurrentTransformerAccuracyClass, CurrentTransformerTest, CurrentTransformerTestDate, GPSCoordinates, VoltageTransformerLocation, VoltageTransformerType, VoltageTransformerRatio, VoltageTransformerAccuracyClass, VoltageTransformerTest, VoltageTransformerTestDate</li> <li>• Add TestResult as new field to Meter Register Table -ElectricityNMIMeterGroup [TestResultAccuracy is renamed to TestResult which will be treated as new element]</li> <li>• Modify existing elements for amended fields: Hazard, Location, LocationDescriptor</li> <li>• Added HouseNumberToSuffix element</li> </ul>
r43	72	MSDR changes to support C1 Report: <ul style="list-style-type: none"> <li>• Define following new complex elements in schema for representation of code(s) tables: MSATSCodeGroupsRow, MSATSCodesDatedRow, MSATSCodeComboRow, MSATSCodesRow</li> <li>• Increase length of MSATSCodeValue from 15 to 100</li> <li>• Update existing version attribute for MSATSCodeValuesRow from r19 to r43.</li> </ul>

Schema	CR#	Description
r43	72	CDR Phase 2: <ul style="list-style-type: none"> <li>Define a new element 'LastConsumerChangeDate' of type date.</li> <li>Add this element reference to existing ElectricityNMIMasterGroup and ElectricityMasterStandingData elements</li> </ul>
r43	72	SAPS: <ul style="list-style-type: none"> <li>Define new complex element 'NodeHierarchyRow' in schema for representation of node hierarchy table</li> <li>Define new complex element 'MDMTSettlementCaseDetailsReportParameters' for the new Regulated SAPS Generator Reconciliation report. The purpose of the RM51 – Regulated SAPS Generator Reconciliation report is to provide MSRP (FRMP) participants with the energy values used to calculate the Generator allocation within a settlement run.</li> <li>Define new element as RoleCategory for ParticipantRolesRow</li> </ul>
r43	72	B2B Changes: Add SharedFuseNotification transaction
r44	73	Update the MeterMalfunctionExemptionExpiryDate element to enable the field to be nillable within the ElectricityNMIMasterGroup
r44	73	Update the MeterMalfunctionExemptionNumber element size from 8 to 15 within the MeterMalfunctionExemptionNumber simpleType
r44	73	Correction of RM51 Report Name to reflect report request and output
r44	73	Removal of unsupported RM Report details CR64a and approved during the 5MS project

### 2.3. File change summary

The section identifies and lists any changes between the various versions of the schema files. Note the schema release notes should be referred to as the authoritative source of changes. The schema release notes can be located at:

- [https://aemo.com.au/-/media/files/it\\_changes/asexml/r41/asexmlschemareleasenotes\\_r41.docx?la=en&hash=C3005BF91DE5A8302FECD2E3F1AC7579xx](https://aemo.com.au/-/media/files/it_changes/asexml/r41/asexmlschemareleasenotes_r41.docx?la=en&hash=C3005BF91DE5A8302FECD2E3F1AC7579xx)
- [https://aemo.com.au/-/media/files/it\\_changes/asexml/r42/asexmlschemareleasenotes\\_r42.docx?la=en&hash=CE46233D2A2E60ECC35037740CFA72FB](https://aemo.com.au/-/media/files/it_changes/asexml/r42/asexmlschemareleasenotes_r42.docx?la=en&hash=CE46233D2A2E60ECC35037740CFA72FB)
- [https://aemo.com.au/-/media/files/it\\_changes/asexml/r43/asexmlschemareleasenotes\\_r43.docx?la=en&hash=51140FDC3B8ABB31E5D217B6C27D9DAA](https://aemo.com.au/-/media/files/it_changes/asexml/r43/asexmlschemareleasenotes_r43.docx?la=en&hash=51140FDC3B8ABB31E5D217B6C27D9DAA)
- [https://aemo.com.au/-/media/files/it\\_changes/asexml/r44/asexmlschemareleasenotes\\_r44.docx?la=en&hash=012C1138527E0D1CBE7AF2E870DA4AA3](https://aemo.com.au/-/media/files/it_changes/asexml/r44/asexmlschemareleasenotes_r44.docx?la=en&hash=012C1138527E0D1CBE7AF2E870DA4AA3)



## 2.4. Attachment A – List of Gas transactions impacted

### 2.4.1. r41

None.

### 2.4.2. r42

In r42, 'LocationDescriptor' (LD) field length was updated from 30 to 200 in ClientInformation r42.xsd. AEMO Technical Protocols shall remain at LocationDescriptor Field Length = 30 and will NOT be updated.

Note: Given impacted transactions are B2B in nature, Participants should undertake their own due diligence of all retail market technical protocol artefacts to determine the accuracy of this list.

Transaction Group	Transaction Numbers	Field or Element (Mandatory or Optional)
<b>NMIDiscoveryRequest/ NMISstandingDataRequest</b>	280	Address
<b>NMIDiscoveryResponse / NMISstandingDataResponse</b>	281, 284	Address
<b>ServiceOrderRequest</b>	87, 101, 151, 310, 312, 314, 316, 318, 320	Service Order / Address
<b>ServiceOrderResponse</b>	87A, 92, 93, 101A, 104, 108, 125, 151A, 154, 157, 310A, 311, 312A, 313, 314A, 315, 316A, 317, 318A, 319, 320A, 321	Address
<b>CustomerDetailsNotification</b>	70	PostalAddress
<b>LifeSupportNotification</b>	80, 81	SiteAddress, LifeSupportPostalAddress

Whilst not impacted by R42 aseXML schema change, for ease of participant reference, the following CSV Transactions are known to be impacted by R42 Location Descriptor change.

Note: Given impacted transactions are B2B in nature, Participants should undertake their own due diligence of all retail market technical protocol artefacts to determine the accuracy of this list.

Transaction Number	Transaction Description	Field affected
68	Supply Point Information	LocationDescriptor LocationDescription (SA/WA)
69	Address Information Change from DB	LocationDescriptor LocationDescription (SA/WA)
282	MIRN Discovery Request	Address
283	MIRN Discovery Response	Address
299	Complete MIRN listing	LocationDescriptor
356	Obtain CFRO for MRM and/or SDR Service Order Requests	SiteAddress

900	Customer and Site Details (Monthly – Non Host update) (RoLR)	LocationDescriptor
970	Customer and Site Details (RoLR)	LocationDescriptor
1010	Customer and Site Details from FRB to RoLR	LocationDescriptor
1050	List of Cancelled Service Orders	LocationDescriptor

**2.4.3. r43**

None

**2.4.4. r44**

None

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