

Schema Release

AseXML Schema Working Group

Release r26

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Document History

Version	Date	Authors	Comments
1.0	10/08/2010	Pius Kurian	Creation

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1. Introduction

Version r26 of the aseXML schema has been developed from r25. This schema release is presented to aseXML Subscribers and Industry Participants for review and to AEMO for approval, in accordance with the ASWG Terms of Reference.

2. Change Requests

The following ASWG Change Requests have been included in this schema release:

CR#	Description
39	This Change Proposal is to include new as well as modified transaction types that have been identified for accomplishing business needs for delivering Triggered Data to Market Operator.
40	Addition of a new Street Type to the aseXML enumeration list of 'Bay'

These Change Requests are available from the ASWG or the aseXML website (www.aseXML.com) for review by all impacted parties.

3. Impact Summary

This table identifies the files, transactions and versioned types that are changed in this schema, where:

- Modified types - is a full list of types changed in this schema
- 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 will need to have the version attribute updated to use this schema
- 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 have been changed in some way for this schema.

Modified types	Derived types	Versioned types affected	Transactions potentially affected	Schema files affected
Modified simple type: HSMQuantity, HSMDData Modified complex types: HSMMonitorData, HSMComtradeText , ElectricityHSMMonitorDataRequestData , ElectricityHSMMonitorDataResponseData, ElectricityHSMMonitorsRequestData, ElectricityHSMMonitorsResponseData		ElectricityHSMMonitorData ResponseData, ElectricityHSMMonitorsRequestData, ElectricityHSMMonitorsResponseData,	HSMTtriggeredDataResponse, HSMContinuousDataResponse, HSMMonitorDataRequest, HSMMonitorDataResponse,	ElectricityHighSpeedMonitoring_r26.xsd

4. File Change Summary

The following file changes are implemented to create the r26 schema version

4.1. aseXML

- Changed aseXML namespace to urn:aseXML:r26
- R26 files included:

4.2. Events

- r26 version type added

4.3. ElectricityHighSpeedMonitoring

- New simple types:
HSMTriggerID, HSMTriggerValue, HSMMonitors
- Modified simple types:
HSMQuantity, HSMDData
- New complex types:
HSMTriggeredEvents, HSMTriggeredEvent, HSMTrigger, HSMTriggers,
ElectricityHSMDDataInventoryRequestData, ElectricityHSMDDataInventoryResponseData,
ElectricityHSMTriggersRequestData, ElectricityHSMTriggersResponseData,
HSMContinuousMonitorData, HSMTriggeredMonitorData
- Modified complex types:
HSMMonitorData, HSMComtradeText, ElectricityHSMMonitorDataRequestData,
ElectricityHSMMonitorDataResponseData,
ElectricityHSMMonitorsRequestData, ElectricityHSMMonitorsResponseData...

4.4. HighSpeedMonitoring

- New simple type:
HSMVendorSoftwareVersion
- New complex types:
HSMDDataInventoryRequest, HSMDDataInventoryResponse, HSMTriggersRequest,
HSMTriggersResponse, HSMDDataInventoryRequestData, HSMDDataInventoryResponseData,
HSMTriggersRequestData, HSMTriggersResponseData
- Removed complex types:
HSMTriggeredDataNotification, HSMTriggeredDataNotificationData

4.5. Transactions

- New transactions:
HSMDDataInventoryRequest, HSMDDataInventoryResponse, HSMTriggersRequest,
HSMTriggersResponse
- Removed transaction:
HSMTriggeredDataNotification

5. Schema Manifest

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

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r26.xsd			Yes
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r20.xsd			
CATSTableReplication_r25.xsd			
ClientInformation_r15.xsd			
Common_r25.xsd			
CustomerDetails_r19.xsd			
CustomerTransfer_r20.xsd			
Electricity_r25.xsd			
ElectricityHighSpeedMonitoring_r26.xsd			Yes
ElectricityMasterStandingData.xsd			
Enumerations.xsd			Yes
Events_r26.xsd			Yes
Faults_r15.xsd			
Gas_r19.xsd			
GasMarketWholesale_r20.xsd			
Header_r25.xsd			
HighSpeedMonitoring_r26.xsd			Yes
MarketWholesale_r20.xsd			
MDMTRReport_r15.xsd			
MeterDataManagement_r25.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r18.xsd			
NOSBooking_r18.xsd			
NOSCommon_r18.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r25.xsd			
Reports_r22.xsd			
ServiceOrder_r17.xsd			
TableReplication_r15.xsd			
Transactions_r26.xsd			Yes
No of files added	0		
No of files removed		0	
No of files modified			6
Total No of files			34

6. Schema Test

6.1. Test Platforms¹

The new schema has been tested using the following platforms:

- XMLSpy 2010
- MSXML4 SP1 and MSXML6
- Xerces 1.4.4, 2.2.1 and 2.9.1 (NOTE: Possible validation issues with CSVData elements using Xerces 1.4.4)

6.2. Test Cases

capability.all.hsmdm_hsm_20100623130111082.xml
 capability.normal.hsmdm_gpupp_20090605080627771.xml
 capability.selective.hsmdm_hsm_20100623130130488.xml
 data.hsmdl_hsm_20100623130203146.xml
 data.normal.hsmdl_gpupp_20090605085007516.xml
 inventory.all.hsmdh_hsm_20100623130009674.xml
 inventory.normal.hsmdh_gpupp_20090605074826298.xml
 inventory.selective.hsmdh_hsm_20100623130032174.xml
 rollcall.all.hsmdh_hsm_20100623130009674.xml
 rollcall.normal.hsmdh_gpupp_20090605074826298.xml
 rollcall.selective.hsmdh_hsm_20100623130032174.xml
 triggers.all.hsmdm_hsm_20100623130111082.xml
 triggers.normal.hsmdm_gpupp_20090605080627771.xml
 triggers.selective.hsmdm_hsm_20100623130130488.xml

7. ASWG Endorsement

The ASWG votes for endorsement of the schema, with the included aseXML Change Requests, and the voting results are forwarded to AEMO for approval. When 75% of those ASWG members who voted endorse a schema, this represents an ASWG Recommendation for that schema. AEMO will not reject an ASWG Recommendation without first consulting with the ASWG.

The results of the ASWG vote for the final schema to be released are as follows:

Date of Vote: 27/08/2010

Option	# Votes	% Vote
For	5	100
Against	0	0
Abstained	1	0
Total Members Present	5	100%

¹ The schema did not pass validation test on Xerces 1.4.4. However ASWG is considering upgrading test platforms to later versions of Xerces, MSXML and XMLSPY.

8. AEMO Approval

The schema approval and approval date are identified below

Status	Date	Authorised by
Approved – The schema has been approved by AEMO and is formally released for use		