



## aseXML SCHEMA CHANGE REQUEST

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DRAFT/FINAL: FINAL DRAFT

## Version Release History

Version	Date	By	Changes
1.0	24/02/2011	Trischa Graham	Submitted for review by the aseXML Working Group.
1.1	11/04/2011	Matthew Lohmann	Updated CR version number and added additional Street Types, Street Suffixes, Flat Or Unit Types and Floor Types identified as in the Australian Standard AS4590:2006 but missing in the schema.

## Glossary

Abbreviation	Description



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### 1 Change Proposal

Addition of new Street Types, new Street Suffixes, new Floor Types and new Flat or Unit Types [that exist in the Australian Standard AS4590:2006 but are not in the the respective](#) aseXML enumeration lists contained in Enumerations.xsd.

#### 1.1 Description of the proposed change

The proposed changes are listed in the following table.

Item#	Change Description	Change Type <sup>1</sup>
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<sup>1</sup> Change Type can be one of

- New
- Enhancement, or



1	Addition of Street Types to Enumerations.xsd as listed in Section 1.1 1	New
2	Addition of Street Suffixes to Enumerations.xsd as listed in Section 1.1 2	New
3	Addition of Flat Or Unit Types to Enumerations.xsd as listed in Section 1.1 3	New
4	Addition of Floor Types to Enumerations.xsd as listed in Section 1.1 4	New

Table 1-1, Proposed Changes

**1.1.1 First change description**

The aseXML enumeration list for AustralianStreetType does not contain the following street types:

<u>ACRE</u>	<u>ACRE</u>
<u>ARTL</u>	<u>ARTERIAL</u>
<u>ARTY</u>	<u>ARTERY</u>
<u>AV</u>	<u>AVENUE</u>
<u>BA</u>	<u>BANAN</u>
<u>BANK</u>	<u>BANK</u>
<u>BR</u>	<u>BRACE</u>
<u>BRAN</u>	<u>BRANCH</u>
<u>BRET</u>	<u>BRETT</u>
<u>BVDE</u>	<u>BOULEVARDE</u>
<u>BWK</u>	<u>BOARDWALK</u>
<u>BWLK</u>	<u>BOARDWALK</u>
<u>CLR</u>	<u>CLUSTER</u>
<u>CNCD</u>	<u>CONCORD</u>
<u>CNN</u>	<u>CONNECTION</u>
<u>CNTN</u>	<u>CONNECTION</u>
<u>CR</u>	<u>CRESCENT</u>
<u>CRE</u>	<u>CRIEF</u>
<u>CRK</u>	<u>CROOK</u>
<u>CSAC</u>	<u>CUL-DE-SAC</u>
<u>CSWY</u>	<u>CAUSEWAY</u>
<u>CUT</u>	<u>CUT</u>
<u>CUTT</u>	<u>CUTTING</u>
<u>DASH</u>	<u>DASH</u>
<u>DE</u>	<u>DEVIATION</u>
<u>DENE</u>	<u>DENE</u>
<u>DIV</u>	<u>DIVIDE</u>
<u>DOCK</u>	<u>DOCK</u>
<u>DOM</u>	<u>DOMAIN</u>
<u>DOWN</u>	<u>DOWN</u>
<u>DVWY</u>	<u>DRIVEWAY</u>
<u>DWNS</u>	<u>DOWNS</u>

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- Bug Fix

<u>ESMT</u>	<u>EASEMENT</u>
<u>FBRK</u>	<u>FIREBREAK</u>
<u>FK</u>	<u>FORK</u>
<u>FLNE</u>	<u>FIRELINE</u>
<u>FLTS</u>	<u>FLATS</u>
<u>FORD</u>	<u>FORD</u>
<u>FORK</u>	<u>FORK</u>
<u>GLDE</u>	<u>GLADE</u>
<u>GWY</u>	<u>GATEWAY</u>
<u>HIRD</u>	<u>HIGHROAD</u>
<u>HLLW</u>	<u>HOLLOW</u>
<u>HRBR</u>	<u>HARBOUR</u>
<u>HTH</u>	<u>HEATH</u>
<u>HVN</u>	<u>HAVEN</u>
<u>ID</u>	<u>ISLAND</u>
<u>INLT</u>	<u>INLET</u>
<u>KEYS</u>	<u>KEYS</u>
<u>KNOL</u>	<u>KNOLL</u>
<u>LADR</u>	<u>LADDER</u>
<u>LEAD</u>	<u>LEAD</u>
<u>LEDR</u>	<u>LEADER</u>
<u>LYNN</u>	<u>LYNNE</u>
<u>MANR</u>	<u>MANOR</u>
<u>MART</u>	<u>MART</u>
<u>MEAD</u>	<u>MEAD</u>
<u>MILE</u>	<u>MILE</u>
<u>MNR</u>	<u>MANOR</u>
<u>MTWY</u>	<u>MOTORWAY</u>
<u>NTH</u>	<u>NORTH</u>
<u>NULL</u>	<u>NULL</u>
<u>OTLT</u>	<u>OUTLET</u>
<u>OVAL</u>	<u>OVAL</u>
<u>PLMS</u>	<u>PALMS</u>
<u>PRDS</u>	<u>PARADISE</u>
<u>PREC</u>	<u>PRECINCT</u>
<u>PSLA</u>	<u>PENINSULA</u>
<u>PWAY</u>	<u>PATHWAY</u>
<u>PWY</u>	<u>PARKWAY</u>
<u>REEF</u>	<u>REEF</u>
<u>ROFW</u>	<u>RIGHT OF WAY</u>
<u>ROWE</u>	<u>ROWE</u>
<u>RSNG</u>	<u>RISING</u>



<u>RTN</u>	<u>RETURN</u>
<u>SHUN</u>	<u>SHUNT</u>
<u>SKLN</u>	<u>SKYLINE</u>
<u>STAI</u>	<u>STRAIT</u>
<u>STH</u>	<u>SOUTH</u>
<u>STRT</u>	<u>STRAIGHT</u>
<u>SVWY</u>	<u>SERVICEWAY</u>
<u>THFR</u>	<u>THOROUGHFARE</u>
<u>THRU</u>	<u>THROUGHWAY</u>
<u>TMWY</u>	<u>TRAMWAY</u>
<u>TUNL</u>	<u>TUNNEL</u>
<u>TVSE</u>	<u>TRAVERSE</u>
<u>TWAY</u>	<u>TRAMWAY</u>
<u>VIAD</u>	<u>VIADUCT</u>
<u>VLGE</u>	<u>VILLAGE</u>
<u>VLLA</u>	<u>VILLA</u>
<u>VLLY</u>	<u>VALLEY</u>
<u>VUE</u>	<u>VUE</u>
<u>VWS</u>	<u>VIEWS</u>
<u>WD</u>	<u>WOOD</u>
<u>WDS</u>	<u>WOODS</u>
<u>WTWY</u>	<u>WATERWAY</u>
<u>WWAY</u>	<u>WATERWAY</u>

The comment indicate that the following are not in the AS4590 can a check be made that this has not changed?. If it has then the comment should be updated.

- ~~BOWL - Bowl~~
- ~~-- CRSE - Course~~
- ~~-- GTWY - Gateway~~
- ~~-- HETH - Heath~~
- ~~-- HUB - Hub~~
- ~~-- ISLD - Island~~
- ~~-- PRST - Pursuit~~
- ~~-- PSGE - Passage~~
- ~~-- RTRN - Return~~
- ~~-- WOOD - Wood~~
- ~~-- WTRS - Waters~~
- ~~-VLL - Villa~~

<u>ACRE</u>
<u>ARTL</u>
<u>ARTY</u>
<u>AV</u>
<u>BA</u>
<u>BANK</u>
<u>BR</u>
<u>BRAN</u>
<u>BRDWLK</u>



BRET
BVDE
BWK
BWLK
CLR
CMMNS
CNGD
CNN
CNTN
CR
CRF
CRK
CSAC
GSWY
CUT
CUTT
DASH
DE
DENE
DIV
DOCK
DOM
DOMAIN
DOWN
DWVY
DWNS
ESMT
FBRK
FK
FLNE
FLTS
FORD
FORK
GLDE
GWY
HILLS
HIRD
HLLW
HRBR
HTH
HVN
ID



INLT
KEYS
KNOL
LADR
LEAD
LEDR
LYNN
MANR
MART
MEAD
MILE
MNR
MTWY
NTH
NULL
OTLT
OUTLET
OVAL
PARADISE
PLMS
PRDS
PREC
PRECINCT
PSLA
PWAY
PWY
REEF
ROFW
ROWE
RSNG
RTN
SHUN
SKLN
STAI
STH
STRT
SWWY
THER
THRU
TMWY
TUNL
TVSE

TWAY
TWIST
VERGE
VIAD
VIEWS
VLGE
VLLA
VLLY
VUE
VWS
WD
WDS
WTWY
WWAY

### 1.1.2 Second change description

The aseXML enumeration list for AustralianStreetSuffix does not contain the following street suffixes:

DE	DEVIATION
ML	MALL
IN	INNER
OF	OFF
ON	ON
OP	OVERPASS
OT	OUTER
DE	
ML	
IN	
OF	
ON	
OP	
OT	

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### 1.1.3 Third change description

The aseXML enumeration list for AustralianFlatOrUnitType does not contain the following Flat or Unit types:

FLAT	FLAT
ANT	ANTENNA
ATM	AUTOMATED TELLER MACHINE
BBQ	BARBECUE
BLCK	BLOCK

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BTSD	BOATSHED
BLDG	BUILDING
BNGW	BUNGALOW
CAGE	CAGE
CARP	CARPARK
CARS	CARSPACE
CLUB	CLUB
COOL	COOLROOM
DUPL	DUPLEX
FCTY	FACTORY
GRGE	GARAGE
HALL	HALL
LBBY	LOBBY
LOFT	LOFT
LOT	LOT
LSE	LEASE
MBTH	MARINE BERTH
OFFC	OFFICE
REAR	REAR
ROOM	ROOM
RESV	RESERVE
SEC	SECTION
SHRM	SHOWROOM
SIGN	SIGN
STLL	STALL
STOR	STORE
STR	STRATA UNIT
SUBS	SUBSTATION
TNCY	TENANCY
TWR	TOWER
UNIT	UNIT
VLT	VAULT
WHSE	WAREHOUSE
WKSH	WORKSHOP

**1.1.4 Fourth change description**

The aseXML enumeration list for AustralianFloorOrLevelType does not contain the following Floor or Level types:

PTHS	PENTHOUSE
LB	LOBBY
OD	OBSERVATION DECK
P	PARKING

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PDM	PODIUM
PLF	PLATFORM
RT	ROOFTOP
SB	SUB-BASEMENT

## 1.2 Reason for Change

Various transactions will be impacted where this value is not available for selection/population.

## 1.3 Supplied Documents

### 1.3.1 Business process document

N/A

### 1.3.2 Other

N/A

## 1.4 Baseline Schema

The schema used as a basis for this proposal is Schema Release r26.

## 2 Approval Proposal

### 2.1 Proposed Change #1

#### 2.1.1 Draft schema

The schema these changes will be first implemented in is Schema Release r26 as this is the current schema version. By default it will also be applicable for all prior releases.

#### 2.1.2 Change log

The following changes have been implemented in this draft:

Chg #	Item #	Description of change	Filename
1	<a href="#">AH1</a>	Added Street Types to AustralianStreetType Enumerated list	Enumerations.xsd
2	<a href="#">AH2</a>	Added Street Suffixes to AustralianStreetSuffix Enumerated list	Enumerations.xsd
3	<a href="#">AH3</a>	Added Flat or Unit Types to AustralianFlatOrUnitType Enumerated list	Enumerations.xsd
4	<a href="#">AH4</a>	Added Floor Types to AustralianFloorOrLevelType Enumerated list	Enumerations.xsd

Table 2-1 Change Log

#### 2.1.3 Schema change description

<General description of the schema changes>

##### 2.1.3.1 Schema File 1

- <Details of changes to individual schema files – one per section. Include diagrams as necessary i.e.>



Figure 2-1 Test Figure

2.1.3.2 Schema File 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 will 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 will be changed in some way as a result of this Change Request.

Modified types	Derived types	Versioned types affected	Transactions potentially affected	Schema files affected

Table 2-2, Impact Summary

## 2.1.5 Developer Test

### 2.1.5.1 Test Platforms

The new ~~schema-Enumerations file~~ has been tested ~~for being well formed and as valid XML~~ using the following ~~validation tools/platforms as advised by ASWG~~:

- XMLSpy 20~~09~~~~10~~
- ~~MSXML6~~
- ~~Xerces 2.2.9~~

### 2.1.5.2 Test Cases

None

## 3 Proposal Assessment

### 3.1 Test

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

#### 3.1.1 Test Platforms

Supplied samples have been tested using the following parsers:

- ~~MSXML6~~
- ~~Xerces 2.2.9~~
- XMLSpy 20~~09~~~~10~~

#### 3.1.2 Test Cases

None

#### 3.1.3 Test Results

N/A

### 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
Enumerations.xsd	1,2,3,4	Conforms

Table 3-1, Change Proposal Conformance Details

## 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



#### 4.1 Status of Issues

Issue#	Item#	Description and Discussion	Status <sup>2</sup>	Resolution
1				

Table 4-1, Issues list

### 5 Resolution

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

#### 5.1 ASWG Endorsement

The results of the ASWG vote are as follows:

Date of Vote: 13/04/2011

Option	# Votes	% Vote
Option 1 (section 2.1)	<u>5</u>	<u>100</u>
<del>Option 2 (section 2.2)</del>		
<del>Option # (section 2.#)</del>		
Abstained		
Total Members Present	<u>5</u>	<u>100</u>

Table 5-1, ASWG Vote Results

<sup>2</sup> Either 'Open' or 'Closed'