

# Schema Change Request 20

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Title	Disclaimers and StreetType Definitions
Date	14 July 2004
Prepared By	Darren Field
Priority	

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<i>Notes</i>
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## Document Control

<b>Version</b>	<b>Date</b>	<b>Author</b>	<b>Summary of Change</b>
1.0	14/7/2004	Darren Field	Initial draft
2.0	1/9/2004	Brenton Worley	Reviewed and approved

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Nil

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## Glossary

Abbreviation	Description

## 1. Change Proposal

This Change Proposal is of a technical nature only, and proposes changes to the presentation of the NEMMCO copyright and disclaimer within the schema files. It also adds some documentation to the AustralianStreetType type definition to explain the usage of enumerations that are not listed in the current version of the Australian Standard AS4590.

### 1.1. Description of the proposed change

The proposed changes are listed in the following table.

Item#	Change Description	Change Type
<b>Documentation Changes</b>		
1	Change to copyright and disclaimer presentation	New
2	Documentation of AustralianStreetType enumerations	New

Table 1-1, Proposed Changes

#### 1.1.1 Copyright and Disclaimer

aseXML comes with a copyright and disclaimer statement that is contained within the schema files themselves, to ensure that the information does not become separated from the files. The statement currently has the following problems:

- It is large, increasing the size of the schema files up to twice the size that is necessary. This has an impact at all times that the schema files must be transmitted over a network, by taking up bandwidth and increasing the time required for transmission.
- It is inconsistently applied. Most but not all of the files contain the statement. Some have contained different statements, and even disclaimers and copyright statements from participants other than NEMMCO

This change proposes to reduce the impact of size and inconsistency by removing the statement from all schema files except the aseXML\_r\*.xsd file, and including a short statement in all other files referring to the main file for the full copyright and disclaimer. Any statements or claims from other participants will also be removed.

#### 1.1.2 StreetType Definition

The AustralianStreetType type definition contains the enumerations that are allowed within Street Types. The enumerations were originally sourced from the Australian Standard AS4590. Over time additional enumerations have been added to support the industry when new street types have been identified by participants. The meaning of the new enumerations is not always apparent from the abbreviation, and so a description of all enumerations that are not included in the AS has been added to the schema file to eliminate any uncertainty.

### 1.2. Reason for Change

1. To reduce the overall size of the aseXML schema files and improve the understanding of the copyright and disclaimer statement
2. To ensure errors are not made by participants in the use of Street Type enumerations

### 1.3. Supplied Documents

None

### 1.4. Impact assessments on Participant's systems

#### 1.4.1 Business Impact

None

#### 1.4.2 Technical Impact

None

### 1.5. Affected Configuration Items (Baseline)

#### 1.5.1 Schema

The proposed baseline for this change is aseXML\_r14

## 2. Approval Proposal

### 2.1. Description of the proposed approval

The table below defines the action in relation to each change item as listed in the Description of the proposed change section.

Item #	Proposal Notes	Category	Action (Accept, Reject or Defer)
<b>Technical Changes</b>			
1	Change to copyright and disclaimer presentation	New	Accept
2	Documentation of AustralianStreetType enumerations	New	Accept

Table 2-1 Proposed change approval

### 2.2. Configuration Items (New Baseline)

#### 2.2.1 Draft schema

Draft schema aseXML\_r15\_CR20 is provided.

#### 2.2.2 Schema change description

All changes to the schema are confined to ‘annotation/documentation’ elements.

##### 2.2.2.1 *Copyright and Disclaimer*

The following changes have been made to the schema files:

- aseXML\_r\*.xsd – No change apart from removal of various non-standard characters from the original NEMMCO statement
- All other files – If the file contained a disclaimer statement of any type this statement was deleted. A new ‘annotation/documentation’ element was added to all as follows:

```
<xsd:annotation>
```

```
  <xsd:documentation>
```

```
    This schema file is part of the aseXML schema set, and is subject to the terms and conditions that are detailed in the aseXML_r*.xsd schema file with which this file is used
```

```
  </xsd:documentation>
```

```
</xsd:annotation>
```

### 2.2.2.2 *StreetTypes*

The 'annotation/documentation' element for the AustralianStreetType type definition has been updated as follows:

```

<xsd:annotation>
  <xsd:documentation>
    Purpose - Define street types as per Australian Standard AS4590.

    Detail - There are several additions in this list over and above those defined in
    AS4590. These additions are defined as follows:
      -- BOWL - Bowl
      -- CRSE - Course
      -- GTWY - Gateway
      -- HETH - Heath
      -- HUB - Hub
      -- ISLD - Island
      -- PRST - Pursuit
      -- PSGE - Passage
      -- RTRN - Return
      -- WOOD - Wood
      -- WTRS - Waters
  </xsd:documentation>
</xsd:annotation>

```

### 2.2.3 Change log

The following changes have been implemented:

Chg No	Description	FileName	Item#
1	aseXML namespace change to urn:aseXML:r15	aseXML	All
2	All filenames updated to *_r15.xsd	All	All
3	All include files in aseXML file updated to new filenames	aseXML	All
4	ReleaseIdentifier r15 added	Events	All
5	Removed all non-standard characters from disclaimer statement	aseXML	1
6	Removed all disclaimer statements and added new annotation element with new statement	All except aseXML	1
7	Updated annotation for AustralianStreetType type definition	Enumerations	2

Table 2-2 Change Log

## 2.3. Test

### 2.3.1 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

### 2.3.2 Test Cases

No specific test cases were developed for this CR.

All existing example files have been tested against the new schema using the above parsers.

## 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:

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

#### 3.1.2 Test Cases

All xml sample docs have been run through the above parsers using the aseXML\_r15\_CR20 schema.

### 3.2. Dependency analysis

Item#	Transactions Impacted	Derived Type Impacted	Schema Filename	Modified Types
1	-	-	All	-
2	-	-	Enumerations	-

Table 3-1, Dependency Analysis

### 3.3. Conformance Report

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

<b>Schema Filename</b>	<b>Impacted by Item #</b>	<b>Conformance Details</b>
aseXML_r*.xsd	1,2	Conforms
All others	1	Conforms

Table 3-2, Change Proposal Conformance Details

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## 4. Review Disposition

This section describes any changes that are made to the original proposal during the Change Process

### 4.1. Description of Changes - Approved and Accepted

<b>Item#</b>	<b>Review Notes</b>	<b>Status</b>
1	No change	Accepted
2	No change	Accepted

Table 4-1, Review Notes for proposed approvals

Note: Item# is a reference to items listed in the Description of the proposed approval.

### 4.2. Impact assessments on Participant's systems

The ASWG seeks the market participants' input on the expected business and technical impacts.

#### 4.2.1 Business Impact

#### 4.2.2 Technical Impact

### 4.3. Supplied Documents

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## 5. Resolution

The ASWG provides a resolution for each change item contained in the Change Log. The resolution is forwarded to the Originator for implementation considerations as required by respective Change Management Process.

### 5.1. Changes Approved and Accepted

The ASWG compiles the list of change items proposed for approval together with their resolution status in the table below.

<b>Chg No</b>	<b>Description</b>	<b>Status</b> (Approved, Rejected or Deferred)
1	aseXML namespace change to urn:aseXML:r15	Approved
2	All filenames updated to *_r15.xsd	Approved
3	All include files in aseXML file updated to new filenames	Approved
4	ReleaseIdentifier r15 added	Approved
5	Removed all non-standard characters from disclaimer statement	Approved
6	Removed all disclaimer statements and added new annotation element with new statement	Approved
7	Updated annotation for AustralianStreetType type definition	Approved

Table 5-1, Change Resolution