

aseXML Schema Change Request

Document ID	25
Title	CustomerDetails Concession Card Fix
Change Type	Bug Fix
Date	18/11/2005
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<i>Notes</i>

Document Control

Version	Date	Author	Summary of Change
1.0	18/11/2005	D Field	Initial draft
1.1	24/11/2005	N. Reinprecht	Review
2.0	5/12/2005	D Field	Release version

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Figures

None

Glossary

Abbreviation	Description

1. Change Proposal

This Change Proposal has been created to propose a change to the Concession Card Number field that is used in certain electricity jurisdictions when exchanging customer details information. The current constraints on this field are incorrect.

1.1. Description of the proposed change

The proposed changes are listed in the following table.

Item#	Change Description	Change Type ¹
Business Changes		
1	Modify Concession Card Number field to allow up to 10 characters, instead of the fixed 10 character length currently specified	Bug Fix

Table 1-1, Proposed Changes

1.1.1 Modify Concession Card Number

Modify constraints on Concession Card Number element from fixed length of 10 characters to variable length up to 10 characters.

1.2. Reason for Change

A Concession Card is used by electricity B2B in the ACT jurisdiction, when exchanging customer information between retailers and LNSPs. The current constraints on this element are a fixed length of 10 characters. Advice from the participants who use this element is that the Concession Card Number may be any number of characters up to a maximum of 10.

1.3. Supplied Documents

1.3.1 Business process document

This request was submitted by e-mail to the ASWG chair. No other business process documents have been provided.

1.3.2 Other

Nil

1.4. Baseline Schema

The schema used as a basis for this proposal is r18 draft.

¹ Change Type can be one of

- New
- Enhancement, or
- Bug Fix

2. Approval Proposal

2.1. Proposed Change

2.1.1 Draft schema

It was agreed at the ASWG from 18 December 2005 to include this change in the draft r18 schema. A draft r18 schema with this change included is supplied with this CR.

2.1.2 Change log

The following changes have been implemented in this draft:

Chg No	Description	FileName	Item#
1	Include CustomerDetails_r18 file in the aseXML schema file	aseXML	1
2	Removed the constraint of length 10 on the element 'Number' in the complex type <i>ConcessionCard</i> and added the constraint maxLen 10	CustomerDetails	1
3	Changed version attribute to r18 on the transaction <i>CustomerDetailsNotification</i>	CustomerDetails	1

Table 2-1 Change Log

2.1.3 Schema change description

The following paragraphs define the changes made to individual schema files:

2.1.3.1 aseXML

- Added r18 include files:
 - CustomerDetails_r18

2.1.3.2 CustomerDetails

- Changed constraint on ConcessionCard/Number from length 10 to maxLen 10
- Changed version attribute on transaction CustomerDetailsNotification to r18

```

<xsd:complexType name="ConcessionCard">
  <xsd:sequence>
    <xsd:element name="Number">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="10"/>
          <xsd:maxLength value="10"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CustomerDetailsNotification">
  <xsd:attribute name="version" use="required" type="+17r18"/>
</xsd:complexType>

```


2.1.4 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_r18.xsd			X
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r15.xsd			
CATSTableReplication_r15.xsd			
ClientInformation_r15.xsd			
Common_r17.xsd			
CustomerDetails_r18.xsd			X
CustomerTransfer_r15.xsd			
Electricity_r17.xsd			
Enumerations.xsd			
Events_r18.xsd			
Faults_r15.xsd			
Gas_r17.xsd			
Header_r15.xsd			
MDMTRReport_r15.xsd			
MeterDataManagement_r17.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r16.xsd			
NOSBooking_r16.xsd			
NOSCommon_r16.xsd			
NOSEquipment_r16.xsd			
Reports_r15.xsd			
ServiceOrder_r17.xsd			
TableReplication_r15.xsd			
Transactions_r17.xsd			
No of files added	0		
No of files removed		0	
		No of files modified	2
		Total No of files	28

2.2. Developer Test

2.2.1 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

2.2.2 Test Cases

Modified schema has been tested using the following instance documents:

- AccCreationNotification_r18.xml
- AmendMeterRouteDetails(RouteChange)_r18.xml
- AmendMeterRouteDetails(SiteAccess)_r18.xml
- AmendMeterRouteDetails(SiteAddress)_r18.xml
- CATSChangeAlertToNFRO_r18.xml
- CATSChangeAlertToVENCorp_r18.xml
- CATSChangeRequestAlternateRetro_r18.xml
- CATSChangeRequestAlternate_r18.xml
- CATSChangeRequestRetro_r18.xml
- CATSChangeRequestStandingDataResponseRetro_r18.xml
- CATSChangeRequestStandingDataResponse_r18.xml
- CATSChangeRequest_r18.xml
- CATSChangeResponse_r18.xml
- CATSChangeWithdrawal_r18.xml
- CATSDataRequest_r18.xml
- CATSNoticeOfReadFailure_r18.xml
- CATSNotificationCDB_r18.xml
- CATSNotificationCFRO_r18.xml
- CATSNotificationCompletedCDB_r18.xml
- CATSNotificationPendingCFRO_r18.xml
- CATSNotificationWithdrawalCDB_r18.xml
- CATSNotificationWithdrawalCFRO_r18.xml
- CATSNotification_r18.xml
- CATSObjectionNotification_r18.xml
- CATSObjectionRequest_r18.xml
- CATSObjectionResponse_r18.xml
- CATSObjectionWithdrawal_r18.xml
- CurrentRetailerConfirmationRequest_r18.xml
- CurrentRetailerConfirmationResponse_r18.xml
- CustomerDetailsNotificationCSV_r13_a.xml
- FieldWorkNotification_r18.xml
- MeterDataHistoryRequest_r18.xml
- MeterDataHistoryResponse_r18.xml
- MeterDataMissingNotification_r18.xml
- MeterDataNotification_r18.xml
- MeterDataResponse_r18.xml
- MeterDataVerifyRequest_r18.xml
- MeterDataVerifyResponse_r18.xml

- MeteredSupplyPointsCount_r18.xml
- MeterNotificationMeterFix_r18.xml
- MeterNotificationMIRNStatusUpdate_r18.xml
- MeterReadInputNotification_r18.xml
- NetworkDUoSBillingNotification_DisputeRes_r18.xml
- NetworkDUoSBillingNotification_Dispute_r18.xml
- NetworkDUoSBillingNotification_PaymentAdvice_r18.xml
- NetworkDUoSBillingNotification_r18.xml
- NMIDiscoveryRequestAddr(HEATH)_r18.xml
- NMIDiscoveryResponseGas_r18.xml
- NMISstandingDataRequest_r18.xml
- NMISstandingDataResponseGas_r18.xml
- NMISstandingDataUpdateNotificationResponse_r18.xml
- NMISstandingDataUpdateNotification_r18.xml
- ServiceOrderRequest(MeterFix)_r18.xml
- ServiceOrderRequest(NewConnection)_r18.xml
- ServiceOrderResponse(Completion)_r18.xml
- ServiceOrderResponse(Initial)_r18.xml
- ServiceOrderResponse(NoAccess)_r18.xml
- ServiceOrderResponse(StandingData)_r18.xml
- SpecialReadRequest_r18.xml
- SpecialReadResponse(NoAccess)_r18.xml
- SpecialReadResponse_r18.xml
- GasMeterNotification_MeterFix_SAGAS_r18.xml
- GasMeterNotification_MeterFix_WAGAS_r18.xml
- NMISstandingDataUpdateNotification_SAGAS_DCN_BaseLoad_r18.xml
- NMISstandingDataUpdateNotification_SAGAS_DCN_HeatingRate_r18.xml
- NMISstandingDataUpdateNotification_SAGAS_ECNET_CU_r18.xml
- NMISstandingDataUpdateNotification_SAGAS_TFR_CU_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_DCN_GasZone_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_DCN_MeterType_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_DIS_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_ECNET_CU_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_ECNET_NO_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_NDP_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_PR_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_REC_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_SU_CU_r18.xml

- NMISstandingDataUpdateNotification_WAGAS_TFR_CU_r18.xml
- NMISstandingDataUpdateNotification_WAGAS_TFR_NO_r18.xml
- CustomerDetailsNotification_SiteVacant_r18.xml
- CustomerDetailsNotification_Update_BusinessName_r18.xml
- CustomerDetailsNotification_Update_r18.xml
- CustomerDetailsNotification_Update_Response_r18.xml
- CustomerDetailsReconciliation_r18.xml
- CustomerDetailsRequest_Other_r18.xml
- CustomerDetailsRequest_r18.xml
- GasMeterDataVerifyRequest_r18.xml
- MeterDataMissingNotification_r18.xml
- MeterDataNotification_Consumption_r18.xml
- MeterDataNotification_Interval_r18.xml
- MeterDataVerifyRequest_basic_HighReading_r18.xml
- MeterDataVerifyRequest_Interval_NMIConfig_r18.xml
- ServiceOrderAppointmentNotification_r18.xml
- ServiceOrderRequest.Adds_n_Alts_r18.xml
- ServiceOrderRequest.Alloc_NMI_r18.xml
- ServiceOrderRequest.DeEnergise_r18.xml
- ServiceOrderRequest.MeterInvestigation_r18.xml
- ServiceOrderRequest.MeterReconfig_r18.xml
- ServiceOrderRequest.MeterReconfig_r18.xml
- ServiceOrderRequest.MeterReconfig_r18.xml
- ServiceOrderRequest.SpecialRead_r18.xml
- ServiceOrderRequest.SupplyAbolishment_r18.xml
- ServiceOrderRequest_Cancel.xml
- ServiceOrderRequest_Re-energisation_sc1.xml
- ServiceOrderRequest_Re-energisation_sc1_cancel.xml
- ServiceOrderRequestNewConnection_r18.xml
- ServiceOrderResponse_C_r18.xml
- ServiceOrderResponse_N_r18.xml
- ServiceOrderResponse_O_r18.xml
- ServiceOrderResponse_Re-energisation_sc1_cancel.xml
- SiteAccessDetails_r18.xml
- SiteAddressDetails_r18.xml

2.3. Dependency analysis

This table identifies the transaction types and derived types that must have their version attribute updated as the result of these changes.

Item#	Modified Types	Schema Filename	Transactions Where Used	Transactions or Derived Types Impacted
1	ConcessionCard	CustomerDetails_r18.xsd	CustomerDetailsNotification	CustomerDetailsNotification

Table 2-2, Dependency Analysis

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 validated using the above parsers.

3.1.3 Test Results

All xml sample docs have been validated using the above parsers.

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_r18.xsd	1	Conforms
CustomerDetails_r18.xsd	1	Conforms

Table 3-1, Change Proposal Conformance Details

4. Review Process

This section describes the status of the proposed changes and any modifications that are made to the original proposal during the Change Process

4.1. Status of Changes

Item#	Review Notes	Status ²
1	No change	Accepted

Table 4-1, Review Notes for proposed approvals

4.1.1 First modification description

<Description of modification to Change Item>

4.2. Supplied Documents

<List any other supplied documentation>

² Status can be one of

- Accepted
- Accepted as changed
- Rejected, or
- Deferred

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.

Chg No	Description	Status (Approved, Rejected or Deferred)
1	Include CustomerDetails_r18 file in the aseXML schema file	Approved
2	Removed the constraint of length 10 on the element 'Number' in the complex type <i>ConcessionCard</i> and added the constraint maxLen 10	Approved
3	Changed version attribute to r18 on the transaction <i>CustomerDetailsNotification</i>	Approved

Table 5-1, Change Resolution