Schema Change Request

Document ID	**CR#8**
Change Type	"Enhancement"
Title	
Date	28 August, 2003
Prepared By	Bibhakar Saran
Priority	

Notes

Document Control

Version	Date	Author	Summary of Change
0.1	20/6/2003	Bibhakar Saran	Created the initial document and completed all sections for ASWG approval and acceptance as "final"

Document Status

Sample Change Request Management (CRM) State Descriptions:

State	Definition	Access Control
Submit Proposal	This state occurs as the result of a new Change Request submission. Change Request is placed in the CCB Review queue. No owner assignment takes place as a result of this action.	All Users
Reject Proposal	A Change Request in this state is determined by in the CCB Review Meeting or by the assigned team member to be an invalid request or more information is needed from the submitter. If confirmed invalid, the Change Request will be *Closed* by the CCB and the submitter notified.	
Closed	Change Request no longer requires attention. This is a final state a Change Request can be assigned.	
Approved Proposal	A Change Request is then assigned a baseline and the schedule update, if appropriate.	
Proposal Assessment	This state occurs as the result of update of an existing Change Request with all implementation details, i.e. change log, release notes, dependency analysis. Change Request is placed in the CCB Review queue.	
Proposal Rejected	A Change Request in this state has been **Rejected** and needs rework. As a result the Change request can be resubmitted for assessment at **Proposal Assessment** state for next iteration or **Closed**.	
Proposal Accepted	A Change Request in this state has been **Approved** and is ready to be published in a draft release.	
Published	Change Request no longer requires attention. This is a final state a Change Request can be assigned.	

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1. Change Proposal

A Change Proposal is a ASWG managed "Parcel" of work. The Originator of the Change Proposal defines the "Parcel" of work. The industry Working Groups and Market Operators (or its vendor) can act as Originator. The Originator and the ASWG

1.1. Description of the proposed change

This section describes the proposed changes from business perspective.

Table 1-1, Proposed Changes

Item#	Change Description	Change Type
1.	Add value "NEWCAPPT" to the ServiceOrderType enumerated list	Bug Fix
2.	Fix spelling mistakes for RemittanceItems	BugFix

1.2. Reason for Change

To ensure that the R11 schema is capable of supporting the SA business processes [1].

1.3. Supplied Documents

1.3.1 Business process document

1. B2B_SO_SA_IP_v1-2_-_Effective_21May2003.doc

1.3.2 Data model

Not applicable

Figure 1-1, Changes to Data Model

Note: Above is a placeholder for indexes in to table of figures

1.4. Impact assessments on Participant's systems

1.4.1 Business Impact

The addition of the enumeration values supports the SA business process for New connection appointment notification.

1.4.2 Technical Impact

None anticipated, as the schema is not used industry wide.

1.5. Affected Configuration Items (Baseline)

AseXML release R11 patch 1 draft 1 including changes based on CR#7.

1.5.1 Schema

It is assumed that the proposed changes would be incorporated in the aseXML schema release r11_p1 – published as a patch to the release r11.

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.

Table 2-1, Proposed Change Approval

Item#	Proposal Notes	Category	Action
1.	Update the ServiceOrderType to include additional values "NEWCAPPT"	Bug Fix	Approved
2.	Fix spelling mistakes in RemittanceItems of ComplexType RemittanceData for RemittanceNotification transaction	Bug Fix	Approved

2.2. Configuration Items (New Baseline)

The aseXML r11_p1 schema – "Final" release is attached.

2.2.1 Draft schema

This is a bug fix to the r11 final schema.

2.2.2 Schema change description

Added missing item to the enumerated list for ServiceOrderTypes

2.2.3 Change log

All changes to this document as submitted to ASWG have been change marked and listed in the Document Control section.

The following changes constitute the comprehensive list of changes.

Table 2-2, Schema Change Log

Chg. No	Description	FileName	Item#
1.	Update the ServiceOrderType to include additional values "NEWCAPPT"	Electricity_r11_p1.xsd	1
2.	Updated version attribute for ElectricityServiceOrderType	Electricity_r11_p1.xsd	1
3.	Updated the include statement for Electricity.	AseXML_r11_p1.xsd	1,2
4.	Fix spelling mistakes for RemittanceItems in ComplexType RemittanceData	NetworkBilling_r11_p1.xsd	2
5.	Updated version attribute for RemittanceNotification	NetworkBilling_r11_p1.xsd	2

2.2.4 Dependency analysis

The following table summarizes identified impact of the changes.

Table 2-3, Dependency Analysis

Chg. No	Description	Used by Versioned Types	Transactions
1	Update the ServiceOrderType to include additional values "NEWCAPPT"	ElectricityServiceOrderType	ServiceOrderRequest ServiceOrderResponse SpecialReadRequest SpecialReadResponse
2.	Fix spelling mistakes in RemittanceItems of ComplexType RemittanceData for RemittanceNotification transaction	RemittanceData	RemittanceNotification

3. Proposal Assessment

3.1. Test

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

3.1.1 Test Platforms

The proposed schema and supplied sample instance documents have been tested using the following parsers:

- o Xerces-J 1.4.4
- o Xerces-J 2.2.1
- o MSXML 4 SP1
- o XML Spy version 5.4

3.1.2 Test Cases

The following new sample xml documents have been supplied by the change proposer and have been tested using the specified parsers. The files are attached as TestSamples:

- o SO.Request.DEENRGISE_r11_p1_m.xml
- o SO.Request.DEENRGISE_r11_p1c_a.xml
- o SO.Request.DEENRGISE_r11_p1c_m.xml
- o SO.Request.NEWCONNECT_r11_p1c_m.xml
- o SO.Response.DEENERGISE_r11_p1c_a.xml
- o SO.Response.DEENERGISE_r11_p1c_m.xml

3.2. Conformance Report

The ASWG completes the conformance report validating each proposed change against the published aseXML guidelines.
Note: Item# is a reference to items listed in the Description of the proposed approval.
Table 3-1, Change Proposal Conformance Details

Schema Filename	Impacted by Item #	Conformance Details
Electricity_r11_p1.xsd	1	Conforms
NetworkBilling_r11_p1.xsd	2	Conforms
AseXML_r11_p1.xsd	All	Conforms

4. Review Disposition

The ASWG assists developers with schema related queries and confirms appropriateness of development against criteria.

4.1. Description of Changes - Approved and Accepted

Table 4-1, Review Notes for proposed approvals

Item#	Reviewer's Comment	Status
1.	Proposed change accepted	Accepted
2.	Proposed change accepted	Accepted

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

As identified in section 1.4.1

4.2.2 Technical Impact

As identified in section 1.4.2

4.3. Supplied Documents

See Configuration Items (New Baseline) for details. Once the schema is being reviewed, the draft version of the schema is to be published. The audience and means of publication is decided on a case-by-case basis. The general rule is to promote participant's early access to the proposed changes.

Note: For the schema to be published, it must be ready for "Approval".

5. Resolution

The ASWG provides a resolution for each change item contained in the Approval Proposal. 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.

Note: Item# is a reference to items listed in the Description of Changes - Approved and Accepted.
Table 5-1, Change Log with Approval Status

Chg. No	Description	FileName	Item#	Status
1.	Update the ServiceOrderType to include additional values "NEWCAPPT"	Electricity_r11_p1.xsd	1	Accept
2.	Updated version attribute for ElectricityServiceOrderType	Electricity_r11_p1.xsd	1	Accept
3.	Updated the include statement for Electricity.	AseXML_r11_p1.xsd	1, 2	Accept
4.	Fix spelling mistakes for RemittanceItems in ComplexType RemittanceData	NetworkBilling_r11_p1.xsd	2	Accept
5.	Updated version attribute for RemittanceNotification	NetworkBilling_r11_p1.xsd	2	Accept