
Schema Change Request

Document ID	19
Change Type	Enhancement and Bug fix
Title	NOS enhancement and Bug fix
Date	
Prepared By	Nada Reinprecht
Priority	

<i>Notes</i>

Document Control

Version	Date	Author	Summary of Change
1.0	21 July 04	Nada Reinprecht	Change proposal
2.0	1 Sep 04	Darren Field	Reviewed

Document Status

Contents

Schema Change Request	1
Document Control	2
Document Status.....	2
Contents.....	3
Tables	4
Figures	5
Glossary.....	6
1. Change Proposal.....	7
1.1. Description of the proposed change.....	7
1.2. Reason for Change.....	7
1.3. Supplied Documents.....	7
1.4. Impact assessments on Participant's systems	7
1.4.1 Business Impact	7
1.4.2 Technical Impact	7
1.5. Affected Configuration Items (Baseline).....	7
1.5.1 Schema	7
2. Approval Proposal	8
2.1. Description of the proposed approval.....	8
2.2. Configuration Items (New Baseline)	8
2.2.1 Draft schema.....	8
2.2.2 Schema change description.....	8
2.2.3 Change log.....	9
2.3. Test	9
2.3.1 Test Platforms	9
2.3.2 Test Cases	9
2.4. Dependency analysis	10
2.5. Conformance Report.....	11
3. Review Disposition	12
3.1. Description of Changes - Approved and Accepted.....	12
3.2. Impact assessments on Participant's systems	12
3.2.1 Business Impact	12
3.2.2 Technical Impact	12
3.3. Supplied Documents.....	12
4. Resolution.....	13
4.1. Changes Approved and Accepted.....	13

Tables

Table 1-1, Proposed Changes	7
Table 2-1, Proposed Change Approval.....	8
Table 2-2 Change Log	9
Table 2-3, Dependency Analysis.....	10
Table 2-3, Change Proposal Conformance Details.....	11
Table 3-1, Review Notes for proposed approvals.....	12
Table 4-1, Change Resolution	13

Figures

Figure 2-1 IncludeInRiemns element 8

Glossary

Abbreviation	Description
MSATS	Market Settlement and Transfer Solution
NOS	Network Outage Scheduler
TNSP	Transmission Network Service Provider

1. Change Proposal

This Change Proposal contains the big fix and enhancement for Network Outage Scheduler (NOS).

1.1. Description of the proposed change

The proposed changes are listed in the following table.

Item#	Change Description	Change Type
Business Changes		
1	NOS Booking Note type extended with IncludedInRiemns element	Enhancement
2	NOSCircuitBreakerBType corrected to NOSCircuitBreakerType	Bug fix

Table 1-1, Proposed Changes

1.2. Reason for Change

The change is required to fix the bug and enhance the Network Outage Scheduler schema.

1.3. Supplied Documents

None

1.4. Impact assessments on Participant's systems

1.4.1 Business Impact

Additional element IncludeInRiemns is required when creating a new note. This element indicates that the current note can be included in the RIEMNS report. Can not be modified once set.

1.4.2 Technical Impact

TNSPs gateways will need to write the IncludeInRiemns element if they want to use that option.

If TNSPs already implemented incorrect name for the NOSCircuitBreakerType, they will need to change their gateways to reflect the spelling correction.

1.5. Affected Configuration Items (Baseline)

1.5.1 Schema

The baseline schema for these changes 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)
Business Changes			
1	NOS Booking Note type extended with IncludedInRiemns element	Enhancement	Accept
2	NOSCircuitBreakerBType corrected to NOSCircuitBreakerType	Bug fix	Accept

Table 2-1, Proposed Change Approval

2.2. Configuration Items (New Baseline)

Baseline schema is aseXML_r14.

2.2.1 Draft schema

Draft schema aseXML_r15_draft attached.

2.2.2 Schema change description

2.2.2.1 NOS Booking Note type extended with IncludedInRiemns element

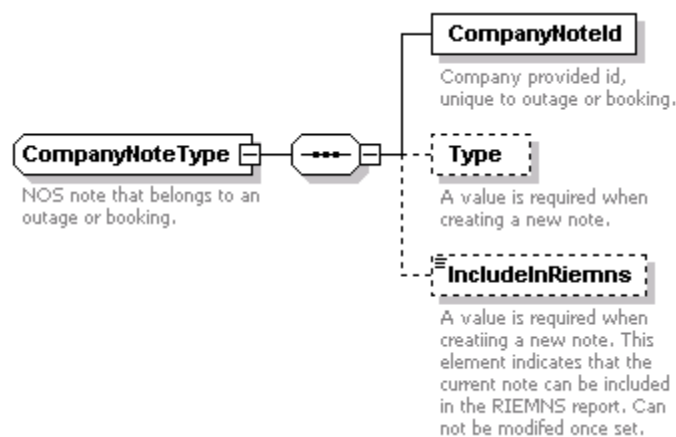


Figure 2-1 IncludedInRiemns element

2.2.3 Change log

The following changes have been implemented:

Chg No	Description	FileName	Item#
1	Namespace changed to "urn:aseXML:r15"; Included the following r15 files: Events, NOSBooking, NOSEquipment	aseXML	All
2	Release identifier r15 introduced	Events_r15	All
3	CompanyNoteType extended with and element	NOSBooking	1
4	NOSBookingRequest transaction upgraded to r15	NOSBooking	1
5	NOSCircuitBreakerType corrected	NOSEquipment	2
6	NOSCircuitBreakerType has version attribute r15	NOSEquipment	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:

- o XMLSpy 5.3
- o MSXML4 SP1
- o 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.

2.4. Dependency analysis

Item#	Transactions Impacted	Derived Type Impacted	Schema Filename	Modified Types
1	NOSBookingRequest	-	NOSBooking	CompanyNoteType
2	-	NOSCircuitBreakerType	NOSEquipment	NOSCircuitBreakerType

Table 2-3, Dependency Analysis

2.5. 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	All	Conforms
Events	All	Conforms
NOSBooking	1	Conforms
NOSEquipment	2	Conforms

Table 2-4, Change Proposal Conformance Details

3. Review Disposition

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

3.1. Description of Changes - Approved and Accepted

Item#	Review Notes	Status
1	No change	Accepted
2	No change	Accepted

Table 3-1, Review Notes for proposed approvals

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

3.2. Impact assessments on Participant's systems

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

3.2.1 Business Impact

3.2.2 Technical Impact

3.3. Supplied Documents

4. 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.

4.1. 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	Namespace changed to "urn:aseXML:r15"; Included the following r15 files: Events, NOSBooking, NOSEquipment	Approved
2	Release identifier r15 introduced	Approved
3	CompanyNoteType extended with and element	Approved
4	NOSBookingRequest transaction upgraded to r15	Approved
5	NOSCircuitBreakerType corrected	Approved
6	NOSCircuitBreakerType has version attribute r15	Approved

Table 4-1, Change Resolution