

Market Change Request

Number		Title	Priority
MCR	150	Inclusion of Seconds (SS) in the Date Timestamp Format	<i>High</i>

Date	Version	Reason For Change
31 st May 2007	1.0	<i>To align the XML schema provided by the SEMIT and the SEM-MDP meter data format which does not include seconds for these date time data items.</i>

PART 1 CHANGE REQUEST:

Name of Requesting Organisation	SEM		
Contact name	Theresa O'Neill		
Date Change Request Raised	31st May 2007	Originating Discussion Request	
		DR	145

Detail of Change Request

Inconsistency between XML and Data Definition for 4 Date/Time fields

The following 4 Data Items were specified in MCR120 with composition instructions of YYYY-MM-DDThh:mmTZD. This MCR was based on information provided to ESB Networks from the SEMIT in their document SEM-MDP Meter Data Format.

- Start Period Time
- End Period Time
- Interval Start Time
- Interval End Time

However, the MeterData.xsd from the SEMIT (schema definition for upload of MDP Data to SMO) contains these definitions:

- `<xs:element name="START_PERIOD_TIME" type="xs:dateTime"/>`
- `<xs:element name="END_PERIOD_TIME" type="xs:dateTime"/>`
- `<xs:element name="START_TIME" type="xs:dateTime"/>`
- `<xs:element name="END_TIME" type="xs:dateTime"/>`

Each of these four elements are of type XS:DateTime. This implies that they must contain date time values to a level of seconds.

In Summary

There is an inconsistency between the technical specification of the xml schema provided by the SEMIT and the SEM-MDP Meter Data Format which does not include SS level for these DateTime data items. All elements within the xml schema defined as XS:DateTime will contain SS level data. This is an XML restriction.

This inconsistency has been raised by ESB Networks with the SIMDRACS Co-ordinator. The SMO are changing the Data Definitions for these 4 fields to include 'ss', and this DR requests

that the ARIS field format follows suit.

Note that this does not impact on the XML schema

Reason for Change Request

Inconsistency between XML and Data Definition for 4 Date/Time fields

Scope of Change Request

Correction to Documentation	Business Process	Market & MP Systems	MPCC	Readings Processor	Market Gateway	Schema	Web Forms
		X					

Identification of Baseline Products Impacted

Field Attributes in version 6.0 of the retail market design

Description of Trading & Settlement Code Impact (if any)

PART 2 MARKET ASSURANCE:

Applicability

ESB Networks	Suppliers	TSO	SMO	Generators
X			X	

Scope of Test

Connectivity	DTT	MSA	IPT	Other
	X			
			No. Of Scenarios	

Date of issue of Change Request

31st May 2007

Date response is required

7th June 2007

PART 3 RESPONSES AND MODIFICATIONS:

Collation of Impact Assessment (from Form C)

Not Applicable

Modifications Included
<i>Not Applicable</i>
Reason for Modifications
<i>Not Applicable</i>

PART 4 ASSESSMENT & RECOMMENDATION:
Part 4(a) ASSESSMENT
Summary of Impact Assessment
Recommendation on Implementation Plan

Part 4(b) RECOMMENDATION			
ACCEPTANCE	REJECTION	NO RECOMMENDATION	COMMENT
Reason for Recommendation			
Approved by IGG for SEM Implementation			
Date of Recommendation			
07/06/2007			

1 Data Item and Data Definition Changes

Attributes	
Name	Start Period Time
Business Data Definition	Start of Period where reported metered values are measured.
Composition Instructions	Format is YYYY-MM-DDThh:mm:ssTZD where TZD = Time Zone Difference
Length	225

Attributes	
Name	End Period Time
Business Data Definition	End of Period where reported metered values are measured.
Composition Instructions	Format is YYYY-MM-DDThh:mm:ss TZD where TZD = Time Zone Difference
Length	225

Attributes	
Name	Interval Start Time
Business Data Definition	Local start time for an individual reading (an hour or half-hour value).
Composition Instructions	Format is YYYY-MM-DDThh:mm:ss TZD where TZD = Time Zone Difference
Length	225

Attributes	
Name	Interval End Time
Business Data Definition	Local end time for an individual reading (a half-hour or hour value, a half

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	hour after the start time).
Composition Instructions	Format is YYYY-MM-DDThh:mm:ss TZD where TZD = Time Zone Difference.
Length	22 2 5