

### Market Change Request

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

Date	Version	Reason For Change
31 <sup>st</sup> 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:

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

#### 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**

31<sup>st</sup> May 2007

**Date response is required**

7<sup>th</sup> June 2007

**PART 3 RESPONSES AND MODIFICATIONS:**

**Collation of Impact Assessment (from Form C)**

*Not Applicable*

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

<b>PART 4 ASSESSMENT &amp; RECOMMENDATION:</b>
<b>Part 4(a) ASSESSMENT</b>
<b>Summary of Impact Assessment</b>
<b>Recommendation on Implementation Plan</b>

<b>Part 4(b) RECOMMENDATION</b>			
<b>ACCEPTANCE</b>	<b>REJECTION</b>	<b>NO RECOMMENDATION</b>	<b>COMMENT</b>
<b>Reason for Recommendation</b>			
Approved by IGG for SEM Implementation			
<b>Date of Recommendation</b>			
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 <del>2</del> 5