

Final Interoperability Test Report

FIT #: **13**
 Date: 08.07.2014
 Location: Zug, Switzerland
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APPLICANT

Company: Company name
 Address: Street, ZIP City, State

DEVICE		
Device type	SM401D	
Type designation in Metrology certificate		Directorate of Measures and Precious Metals of Republic Serbia, Certificate No.
SM40x	393-7/0-01-4713-2011	
IDIS Specification reference	KEMA IDIS Certification run No	Digital signature of the test report.
Package 1 ed. 1.1	111	A4BC98AAB885DFF8895687CA89A8639B
First certification	IDIS Label	Modular device
<input checked="" type="checkbox"/>		<input type="checkbox"/>
General information about the device		

FIRMWARE VERSIONS TESTED				Final Integration Test No. 13
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	V010401			Passed

Elster GmbH

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #13
Device:SM401D

Zug, Switzerland, 08.07.2014

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FIRMWARE VERSIONS HISTORY				<i>Final Integration Test</i>	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
<u>1</u>	V010401			13	Passed
3					
4					

TEST REPORT - Firmware No. 1		
Test	Verdict	Remark
Meter discovery and registering	Passed	
M-Bus device discovery [Extension M]	Passed	
S-FSK related data	Passed	
All Device ID's	Passed	
SAP assignment	Passed	
COSEM logical device name	Passed	
FW version and signature	Passed	
Broadcast Date and time	Passed	
Broadcast Special Days Table	Passed	
Event logs	Passed	
Billing period data	Passed	
Optical Port Connectivity	Passed	
Alarm Reporting	Passed	
FIT Conformance Test Report		
<pre> ***** IDIS Conformance test report 08-JUL-2014 09:09:15 iCTT Package 1, Edition 1.1, Revision 1 (209) Licensed to: IDIS Association Tester: info@idis-association.com ***** ***** * Identification * ***** Manufacturer = { Name = '\Meter and Control d.o.o.' ThreeLettersId = '\MAC' } DeviceUnderTest = { Type = '\SM401D-xxAxxxxx-xSxxxxx-xxxxxxxxxxxx' IDISDeviceType = 100 IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M] SerialNr = 119939 } Active firmware version (1-0:0.2.0.255) = \V010401 ***** * Summary * ***** PASSED 190 FAILED 0 DISABLED 40 INAPPLICABLE 12 INCONCLUSIVE 0 FATAL 0 TOTAL 242 ***** Test Case 1 : Discovery, 1 item(s) ***** (1) Meter Discovery PASSED ***** Test Case 2 : Connect and release, 4 item(s) ***** (1) Connect Public PASSED (2) Release Public PASSED (3) Connect Management PASSED (4) Release Management PASSED ***** Test Case 3 : Read S-FSK settings, 35 item(s) ***** Mngmt Get S-FSK Phy&MAC setup 0-0:26.0.0.255 (@1933) (1) .logical_name PASSED <Data> <OctetString Value="00001A0000FF" /> </pre>		

(2)	.initiator_electrical_phase	PASSED
	<code><Data> <Enum Value="03" /> </Data></code>	
(3)	.delta_electrical_phase	PASSED
	<code><Data> <Enum Value="01" /> </Data></code>	
(4)	.max_receiving_gain	PASSED
	<code><Data> <Unsigned Value="2A" /> </Data></code>	
(5)	.max_transmitting_gain	PASSED
	<code><Data> <Unsigned Value="00" /> </Data></code>	
(6)	.search_initiator_gain	PASSED
	<code><Data> <Unsigned Value="00" /> </Data></code>	
(7)	.frequencies	PASSED
	<code><Data> <Structure Qty="0002" > <DoubleLongUnsigned Value="0000F744" /> <DoubleLongUnsigned Value="00012110" /> </Structure> </Data></code>	
(8)	.mac_address	PASSED
	<code><Data> <LongUnsigned Value="000E" /> </Data></code>	
(9)	.mac_group_addresses	PASSED
	<code><Data> <Array Qty="0005" > <LongUnsigned Value="0000" /> <LongUnsigned Value="0000" /> <LongUnsigned Value="0000" /> <LongUnsigned Value="0000" /> <LongUnsigned Value="0000" /> </Array> </Data></code>	
(10)	.repeater	PASSED
	<code><Data> <Enum Value="02" /> </Data></code>	
(11)	.repeater_status	PASSED
	<code><Data> <Bool Value="01" /> </Data></code>	
(12)	.min_delta_credit	PASSED
	<code><Data> <Unsigned Value="00" /> </Data></code>	
(13)	.initiator_mac_address	PASSED
	<code><Data> <LongUnsigned Value="0C00" /> </Data></code>	
(14)	.synchronization_locked	PASSED
	<code><Data> <Bool Value="01" /> </Data></code>	
(15)	.transmission_speed	PASSED
	<code><Data> <Enum Value="03" /> </Data></code>	
	Mngmt Get S-FSK Active Initiator 0-0:26.1.0.255 (@1950)	
(16)	.logical_name	PASSED
	<code><Data> <OctetString Value="00001A0100FF" /> </Data></code>	
(17)	.active_initiator	PASSED
	<code><Data> <Structure Qty="0003" > <OctetString Value="4C475A1169000000" /> <LongUnsigned Value="0C00" /> <Unsigned Value="01" /> </Structure> </Data></code>	
	Mngmt Get S-FSK MAC synchronisation timeouts 0-0:26.2.0.255 (@1955)	
(18)	.logical_name	PASSED
	<code><Data> <OctetString Value="00001A0200FF" /> </Data></code>	
(19)	.search_initiator_timeout	PASSED
	<code><Data> <LongUnsigned Value="0000" /> </Data></code>	

(20)	.synchronization_confirmation_timeout	PASSED
	<Data>	
	<LongUnsigned Value="0003" />	
	</Data>	
(21)	.timeout_not_addressed	PASSED
	<Data>	
	<LongUnsigned Value="0168" />	
	</Data>	
(22)	.timeout_frame_not_OK	PASSED
	<Data>	
	<LongUnsigned Value="0028" />	
	</Data>	
Mngmt	Get S-FSK MAC counters 0-0:26.3.0.255 (@1962)	
(23)	.logical_name	PASSED
	<Data>	
	<OctetString Value="00001A0300FF" />	
	</Data>	
(24)	.synchronization_register	PASSED
	<Data>	
	<Array Qty="0003" >	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0C00" />	
	<DoubleLongUnsigned Value="0000001F" />	
	</Structure>	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0000" />	
	<DoubleLongUnsigned Value="00000000" />	
	</Structure>	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0000" />	
	<DoubleLongUnsigned Value="00000000" />	
	</Structure>	
	</Array>	
	</Data>	
(25)	.desynchronization_listing	PASSED
	<Data>	
	<Structure Qty="0005" >	
	<DoubleLongUnsigned Value="000000A7" />	
	<DoubleLongUnsigned Value="00000000" />	
	<DoubleLongUnsigned Value="0000001E" />	
	<DoubleLongUnsigned Value="00000000" />	
	<DoubleLongUnsigned Value="00000000" />	
	</Structure>	
	</Data>	
(26)	.broadcast_frames_counter	PASSED
	<Data>	
	<Array Qty="0003" >	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0C00" />	
	<DoubleLongUnsigned Value="00000023" />	
	</Structure>	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0000" />	
	<DoubleLongUnsigned Value="00000000" />	
	</Structure>	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0000" />	
	<DoubleLongUnsigned Value="00000000" />	
	</Structure>	
	</Array>	
	</Data>	
(27)	.repetitions_counter	PASSED
	<Data>	
	<DoubleLongUnsigned Value="0000001A" />	
	</Data>	
(28)	.transmissions_counter	PASSED
	<Data>	
	<DoubleLongUnsigned Value="000008E7" />	
	</Data>	
(29)	.CRC_OK_frames_counter	PASSED
	<Data>	
	<DoubleLongUnsigned Value="000009D8" />	
	</Data>	
(30)	.CRC_NOK_frames_counter	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000000" />	
	</Data>	
Mngmt	Get S-FSK IEC 61334-4-32 LLC Setup 0-0:26.5.0.255 (@1973)	
(31)	.logical_name	PASSED
	<Data>	
	<OctetString Value="00001A0500FF" />	
	</Data>	
(32)	.max_frame_length	PASSED
	<Data>	
	<Unsigned Value="F2" />	
	</Data>	
(33)	.reply_status_list	PASSED
	<Data>	

```

    <Array Qty="0001" >
      <Structure Qty="0002" >
        <Unsigned Value="00" />
        <Unsigned Value="07" />
      </Structure>
    </Array>
  </Data>

Mngmt Get S-FSK Reporting system list 0-0:26.6.0.255 (@1978)
(34) .logical_name INAPPLICABLE
Optional object is not implemented
(35) .reporting_system_list INAPPLICABLE
Optional object is not implemented

*****
Test Case 4 : Read Device ID's, 12 item(s)
*****

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)
(1) .logical_name PASSED
  <Data>
    <OctetString Value="0000600100FF" />
  </Data>
(2) .value PASSED
  <Data>
    <OctetString Value="\00119939" />
  </Data>

Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)
(3) .logical_name PASSED
  <Data>
    <OctetString Value="0000600101FF" />
  </Data>
(4) .value PASSED
  <Data>
    <OctetString Value="\M&C" />
  </Data>

Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)
(5) .logical_name PASSED
  <Data>
    <OctetString Value="0000600102FF" />
  </Data>
(6) .value PASSED
  <Data>
    <OctetString Value="\M&C" />
  </Data>

Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)
(7) .logical_name PASSED
  <Data>
    <OctetString Value="0000600103FF" />
  </Data>
(8) .value PASSED
  <Data>
    <OctetString Value="\M&C" />
  </Data>

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)
(9) .logical_name PASSED
  <Data>
    <OctetString Value="0000600104FF" />
  </Data>
(10) .value PASSED
  <Data>
    <OctetString Value="\M&C" />
  </Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)
(11) .logical_name PASSED
  <Data>
    <OctetString Value="0000600105FF" />
  </Data>
(12) .value PASSED
  <Data>
    <OctetString Value="" />
  </Data>

*****
Test Case 5 : Read SAP Assignment, 2 item(s)
*****

Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)
(1) .logical_name PASSED
  <Data>
    <OctetString Value="0000290000FF" />
  </Data>
(2) .SAP_assignment_list PASSED
  <Data>
    <Array Qty="0001" >

```

```

        <Structure Qty="0002" >
          <LongUnsigned Value="0001" />
          <OctetString Value="\MAC1000700119939" />
        </Structure>
      </Array>
    </Data>

*****
Test Case 6 : Read COSEM logical device name, 2 item(s)
*****

Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="00002A0000FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString Value="\MAC1000700119939" />
    </Data>

*****
Test Case 7 : Read Active FW version, 12 item(s)
*****

Mngmt Get Active firmware version 1-0:0.2.0.255 (@321)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="0100000200FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString Value="\V010401" />
    </Data>

Mngmt Get Active firmware version signature 1-0:0.2.8.255 (@325)
(3) .logical_name PASSED
    <Data>
    <OctetString Value="0100000208FF" />
    </Data>
(4) .value PASSED
    <Data>
    <OctetString Value="\345267C7" />
    </Data>

Mngmt Get Active firmware version 1 1-1:0.2.0.255 (@329)
(5) .logical_name INAPPLICABLE
    Optional Object is not implemented
(6) .value INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware version signature 1 1-1:0.2.8.255 (@333)
(7) .logical_name INAPPLICABLE
    Optional object is not implemented
(8) .value INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware version 2 1-2:0.2.0.255 (@337)
(9) .logical_name INAPPLICABLE
    Optional object is not implemented
(10) .value INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware version signature 2 1-2:0.2.8.255 (@341)
(11) .logical_name INAPPLICABLE
    Optional object is not implemented
(12) .value INAPPLICABLE
    Optional object is not implemented

*****
Test Case 8 : Broadcast Clock <as set in CTI>, 1 item(s)
*****

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
    <Data>
    <OctetString Value="07DD0708FF08000FF8000FF" />
    </Data>

*****
Test Case 9 : Read Clock, 1 item(s)
*****

Mngmt Get Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
    <Data>
    <OctetString Value="07DD070801080003FF800080" />
    </Data>

*****

```

Test Case 10 : Set Special Days Table <as set in CTI>, 1 item(s)

```

Mngmt Set Special Days Table 0-0:11.0.0.255 (@113)
(1) .entries
<Data>
  <Array Qty="001E" >
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0105FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0106FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0107FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0108FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0109FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF010AFF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0201FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0202FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0203FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0204FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0205FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0206FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0207FF" />
      <Unsigned Value="02" />
    </Structure>
  </Array>

```



```

    <Unsigned Value="02" />
  </Structure>
</Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
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  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0306FF" />
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  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>

```

```

*****
Test Case 11 : Read Special Days Table, 1 item(s)
*****

```

```

Mngmt Get Special Days Table 0-0:11.0.0.255 (@113)
(1) .entries
  <_Data>
    <Array Qty="001E" >
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0101FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0102FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />

```

PASSED

```

<OctetString Value="FFFF0103FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0104FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0105FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0106FF" />
  <Unsigned Value="02" />
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  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
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  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
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  <Unsigned Value="02" />
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  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
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  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
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  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
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  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />

```

```

    <OctetString Value="FFFF0301FF" />
    <Unsigned Value="02" />
  </Structure>
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
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  <Unsigned Value="02" />
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  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
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<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</_Data>

```

```

*****
Test Case 12 : Read Event Log buffers, 4 item(s)
*****

```

Mngmt Get Disconnect Control Log 0-0:99.98.2.255 (@181)

(1) .buffer
entries_in_use: 13

PASSED

```

  <Data>
    <DoubleLongUnsigned Value="0000000D" />
  </Data>
  capture_objects:
    <Data>
      <Array Qty="0003" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0000600B02FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0047" />
          <OctetString Value="0000110000FF" />
          <Integer Value="03" />
          <LongUnsigned Value="0000" />
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    </Data>
  Buffer has 13 elements:
  <_Data>
    <Array Qty="000D" >
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        <OctetString Value="07DA011F07173B0100800000" />
        <Enum Value="FF" />
      </Structure>
    </Array>
  </_Data>

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    <DoubleLongUnsigned Value="00004268" />
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  <Structure Qty="0003" >
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    <Enum Value="43" />
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  </Structure>
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    <NullData />
  </Structure>
  <Structure Qty="0003" >
    <OctetString Value="07DA031F03173B3A00800080" />
    <NullData />
    <NullData />
  </Structure>
  <Structure Qty="0003" >
    <OctetString Value="07DA041E05173B3A00800080" />
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  <Structure Qty="0003" >
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    <OctetString Value="07DA061E03173B3A00800080" />
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    <OctetString Value="07DE0704050D2F3300800080" />
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    <NullData />
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  </Structure>
  <Structure Qty="0003" >
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  <Structure Qty="0003" >
    <OctetString Value="07DE07070110131000800080" />
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    <NullData />
  </Structure>
</Array>
</_Data>
Earliest date: 31-JAN-2010 23:59:01, latest date: 07-JUL-2014 16:19:16
Middle date: 30-JUN-2010 23:59:58

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@261)
(2) .buffer
  entries_in_use: 188
  <Data>
    <DoubleLongUnsigned Value="000000BC" />
  </Data>
  capture_objects:
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
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          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0000600B00FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>

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PASSED

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Buffer has 188 elements:
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      <OctetString Value="07DA011F07173B3A00800000" />
      <Enum Value="0A" />
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      <OctetString Value="07DA02010100000200800000" />
      <Enum Value="04" />
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      <OctetString Value="07DA021C07173B3A00800000" />
      <Enum Value="05" />
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      <Enum Value="2F" />
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      <Enum Value="05" />
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    <Structure Qty="0002" >
      <OctetString Value="07DA031F03173B3A00800000" />
      <Enum Value="2F" />
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    </Structure>
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    <Structure Qty="0002" >
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<Structure Qty="0002" >
  <OctetString Value="07DE07070107000400800080" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110121C00800080" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110121C00800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110133200800080" />
  <Enum Value="FE" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110140D00800080" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701070E3A00800080" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701070E3A00800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701070F0300800080" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701071D3A00800080" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701071D3A00800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701071E0200800080" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701072C3A00800080" />
  <Enum Value="05" />
</Structure>
```

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701072C3A00800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701072D0400800080" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701073B3A00800080" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701073B3A00800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070108000F00800080" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701080E3A00800080" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701080E3A00800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701080F0200800080" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701081D3A00800080" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701081D3A00800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701081E0100800080" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110150400800080" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110150400800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701101D1100800080" />
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208233000800080" />
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208263800800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208271900800080" />
  <NullData />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208273200800080" />
  <NullData />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208283500800080" />
  <NullData />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070802082A1A00800080" />
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208323A00800080" />
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208330700800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
```

```

    <OctetString Value="07DE07080208331900800080" />
    <NullData />
  </Structure>
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208340300800080" />
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208360900800080" />
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208361500800080" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208373500800080" />
  <NullData />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070802083A3300800080" />
  <NullData />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070802090E2A00800080" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DD07080108000000800080" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DD07080108000000800080" />
  <Enum Value="2F" />
</Structure>
</Array>
</_Data>
Earliest date: 31-JAN-2010 23:59:00, latest date: 08-JUL-2014 09:14:42
Middle date: 07-JUL-2014 14:59:58

```

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (8276)

(3) .buffer PASSED

```

entries_in_use: 14
  <Data>
  <DoubleLongUnsigned Value="0000000E" />
  </Data>
capture_objects:
  <Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B01FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
  </Data>
Buffer has 14 elements:
  <_Data>
  <Array Qty="000E" >
    <Structure Qty="0002" >
      <OctetString Value="07DA011F07173B0000800000" />
      <Enum Value="FF" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DA011F07173B3A00800000" />
      <Enum Value="2E" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DA021C07173B3A00800000" />
      <NullData />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DA031F03173B3A00800080" />
      <NullData />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DA041E05173B3A00800080" />
      <NullData />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DA051F01173B3A00800080" />
      <NullData />
    </Structure>
  </Array>

```

```

<Structure Qty="0002" >
  <OctetString Value="07DA061E03173B3A00800080" />
  <NullData />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050D2C1500800080" />
  <Enum Value="2C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050D2C1600800080" />
  <Enum Value="2D" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050E010A00800080" />
  <Enum Value="2C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050E010B00800080" />
  <Enum Value="2D" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208233400800080" />
  <Enum Value="29" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208263400800080" />
  <Enum Value="28" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080209072200800080" />
  <Enum Value="29" />
</Structure>
</Array>
</_Data>
Earliest date: 31-JAN-2010 23:59:00, latest date: 08-JUL-2014 09:07:34
Middle date: 04-JUL-2014 13:44:21

```

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1249)

```

(4) .buffer
  entries_in_use: 66
  <Data>
    <DoubleLongUnsigned Value="00000042" />
  </Data>
  capture_objects:
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0000600B04FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
  Buffer has 66 elements:
  <_Data>
    <Array Qty="0042" >
      <Structure Qty="0002" >
        <OctetString Value="07DA07010400003500800080" />
        <Enum Value="FF" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DA07010400010B00800080" />
        <Enum Value="52" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DA07010400013300800080" />
        <Enum Value="55" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DA07010400013500800080" />
        <Enum Value="52" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DA07010400022000800080" />
        <Enum Value="55" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DA07010400022400800080" />
        <Enum Value="52" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DA07010400030D00800080" />
        <Enum Value="55" />
      </Structure>
    </Array>
  </_Data>

```

PASSED

```

</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050D233400800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050D2C1500800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050D3B1B00800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050E010A00800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050E043500800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050E0A0A00800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050E1F1000800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050E392F00800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050F052100800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050F052100800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050F1D0A00800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050F200400800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050F253500800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0704050F262000800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07040510121900800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07040510131500800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07040510162000800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07040510170500800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070405102C0600800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07040511013800800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070405111F1400800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070109051D00800080" />
  <Enum Value="D3" />
</Structure>
<Structure Qty="0002" >

```

```
<OctetString Value="07DE070405111F1400800080" />
<Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070109052000800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0707010A3B0F00800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0707010B1A2A00800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0707010B1B3900800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE0707010B1C3700800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701100D3B00800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110123700800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110183600800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070112202500800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070112231000800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070112361400800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070112380D00800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070114013000800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070114070600800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070114070A00800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070114072A00800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070114072A00800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701140D2600800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701140D2A00800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070114102100800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701100E1700800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701100F0400800080" />
  <Enum Value="55" />
</Structure>
```



```

</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110100C00800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110103000800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110123400800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110130200800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110190800800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110190C00800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07070110192B00800080" />
  <Enum Value="4F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701101D1100800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070701101D1100800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208233300800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE070802082A1A00800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208330100800080" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208340300800080" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DE07080208360C00800080" />
  <Enum Value="55" />
</Structure>
</Array>
</Data>
Earliest date: 01-JUL-2010 00:00:53, latest date: 08-JUL-2014 08:54:12
Middle date: 07-JUL-2014 11:27:57

```

```

*****
Test Case 13 : Read Data of Billing Period 1 buffer, 1 item(s)
*****

```

```

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@146)
(1) .buffer

```

PASSED

```

  entries_in_use: 8
  <Data>
    <DoubleLongUnsigned Value="00000008" />
  </Data>
  capture_objects:
  <Data>
    <Array Qty="0005" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010801FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010802FF" />

```

```

    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
</Data>
<Array>
  <Structure Qty="0004" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100020801FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100020802FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
</Array>
</Data>
Buffer has 8 elements:
  <_Data>
    <Array Qty="0008" >
      <Structure Qty="0005" >
        <OctetString Value="07DA02010100000000800000" />
        <DoubleLongUnsigned Value="0000AB6A" />
        <DoubleLongUnsigned Value="0000328D" />
        <DoubleLongUnsigned Value="00000005" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
      <Structure Qty="0005" >
        <OctetString Value="07DA03010100000000800000" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0005" >
        <OctetString Value="07DA04010400000000800080" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0005" >
        <OctetString Value="07DA05010600000000800080" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0005" >
        <OctetString Value="07DA06010200000000800080" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0005" >
        <OctetString Value="07DA07010400000000800080" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0005" >
        <OctetString Value="07DE0704050C220000800080" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0005" >
        <OctetString Value="07DB07080108000000800080" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
    </Array>
  </_Data>
  Earliest date: 01-FEB-2010 00:00:00, latest date: 04-JUL-2014 12:34:00
  Middle date: 01-JUN-2010 00:00:00

*****
Test Case 14 : MBUS Libra Ref test, 130 item(s)
*****

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1483)
(1) .mbus_port_reference PASSED
  <Data>
    <OctetString Value="0000180600FF" />
  </Data>

```

(2) .capture_definition	PASSED
<pre> <Data> <Array Qty="0002" > <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="13" /> </Structure> </Array> </Data> </pre>	
(3) .capture_period	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> </pre>	
(4) .primary_address	PASSED
<pre> <Data> <Unsigned Value="01" /> </Data> </pre>	
(5) .identification_number	PASSED
<pre> <Data> <DoubleLongUnsigned Value="0002D27B" /> </Data> </pre>	
(6) .manufacturer_id	PASSED
<pre> <Data> <LongUnsigned Value="19AC" /> </Data> </pre>	
(7) .version	PASSED
<pre> <Data> <Unsigned Value="02" /> </Data> </pre>	
(8) .device_type	PASSED
<pre> <Data> <Unsigned Value="03" /> </Data> </pre>	
(9) .access_number	PASSED
<pre> <Data> <Unsigned Value="77" /> </Data> </pre>	
(10) .status	PASSED
<pre> <Data> <Unsigned Value="00" /> </Data> </pre>	
(11) .alarm	PASSED
<pre> <Data> <Unsigned Value="00" /> </Data> </pre>	
Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1505)	
(12) .mbus_port_reference	PASSED
<pre> <Data> <OctetString Value="0000180600FF" /> </Data> </pre>	
(13) .capture_definition	PASSED
<pre> <Data> <Array Qty="0002" > <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="13" /> </Structure> </Array> </Data> </pre>	
(14) .capture_period	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> </pre>	
(15) .primary_address	PASSED
<pre> <Data> <Unsigned Value="02" /> </Data> </pre>	
(16) .identification_number	PASSED
<pre> <Data> <DoubleLongUnsigned Value="0002D27C" /> </Data> </pre>	
(17) .manufacturer_id	PASSED
<pre> <Data> <LongUnsigned Value="19AC" /> </Data> </pre>	
(18) .version	PASSED
<pre> <Data> <Unsigned Value="02" /> </Data> </pre>	
(19) .device_type	PASSED
<pre> <Data> </pre>	

```

    <Unsigned Value="03" />
  </Data>
(20) .access number PASSED
  <Data>
    <Unsigned Value="75" />
  </Data>
(21) .status PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(22) .alarm PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1527)
(23) .mbus_port_reference PASSED
  <Data>
    <OctetString Value="0000180600FF" />
  </Data>
(24) .capture_definition PASSED
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="\L" />
        <OctetString Value="933A" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\L" />
        <OctetString Value="13" />
      </Structure>
    </Array>
  </Data>
(25) .capture_period PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(26) .primary_address PASSED
  <Data>
    <Unsigned Value="03" />
  </Data>
(27) .identification_number PASSED
  <Data>
    <DoubleLongUnsigned Value="0002D27D" />
  </Data>
(28) .manufacturer_id PASSED
  <Data>
    <LongUnsigned Value="19AC" />
  </Data>
(29) .version PASSED
  <Data>
    <Unsigned Value="02" />
  </Data>
(30) .device_type PASSED
  <Data>
    <Unsigned Value="03" />
  </Data>
(31) .access number PASSED
  <Data>
    <Unsigned Value="6B" />
  </Data>
(32) .status PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(33) .alarm PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1549)
(34) .mbus_port_reference PASSED
  <Data>
    <OctetString Value="0000180600FF" />
  </Data>
(35) .capture_definition PASSED
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="\L" />
        <OctetString Value="933A" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\L" />
        <OctetString Value="13" />
      </Structure>
    </Array>
  </Data>
(36) .capture_period PASSED
  <Data>

```

```

    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(37) .primary_address PASSED
  <Data>
    <Unsigned Value="04" />
  </Data>
(38) .identification_number PASSED
  <Data>
    <DoubleLongUnsigned Value="0002D27E" />
  </Data>
(39) .manufacturer_id PASSED
  <Data>
    <LongUnsigned Value="19AC" />
  </Data>
(40) .version PASSED
  <Data>
    <Unsigned Value="02" />
  </Data>
(41) .device_type PASSED
  <Data>
    <Unsigned Value="03" />
  </Data>
(42) .access_number PASSED
  <Data>
    <Unsigned Value="7F" />
  </Data>
(43) .status PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(44) .alarm PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1571)
(45) .value PASSED
  <Data>
    <DoubleLongUnsigned Value="05F5DD1B" />
  </Data>
(46) .scaler_unit PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="FD" />
      <Enum Value="0D" />
    </Structure>
  </Data>
(47) .status PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1579)
(49) .value PASSED
  <Data>
    <DoubleLongUnsigned Value="000004BD" />
  </Data>
(50) .scaler_unit PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="FD" />
      <Enum Value="0E" />
    </Structure>
  </Data>
(51) .status PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1603)
(61) .value PASSED
  <Data>
    <DoubleLongUnsigned Value="05F5DD18" />
  </Data>
(62) .scaler_unit PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="FD" />
      <Enum Value="0D" />
    </Structure>
  </Data>
(63) .status PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1611)
(65) .value PASSED
  <Data>
    <DoubleLongUnsigned Value="000004AD" />
  </Data>

```

(66)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0E" />	
	</Structure>	
	</Data>	
(67)	.status	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
Mngmt	Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1635)	
(77)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="05F5DD1C" />	
	</Data>	
(78)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(79)	.status	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
Mngmt	Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1643)	
(81)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="000004AA" />	
	</Data>	
(82)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0E" />	
	</Structure>	
	</Data>	
(83)	.status	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
Mngmt	Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1667)	
(93)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="05F5DD24" />	
	</Data>	
(94)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(95)	.status	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
Mngmt	Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1675)	
(97)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="000004B3" />	
	</Data>	
(98)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0E" />	
	</Structure>	
	</Data>	
(99)	.status	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
Mngmt	Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1699)	
(109)	.value	PASSED
	<Data>	
	<OctetString Value="\00000540018495512" />	
	</Data>	
Mngmt	Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1703)	
(110)	.value	PASSED
	<Data>	

```

    <OctetString Value="\00000540018495612" />
  </Data>

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1707)
(111) .value                                     PASSED
  <Data>
    <OctetString Value="\00000540018495712" />
  </Data>

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1711)
(112) .value                                     PASSED
  <Data>
    <OctetString Value="\00000540018495812" />
  </Data>

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1747)
(113) .buffer                                     PASSED
  entries_in_use: 7
  <Data>
    <DoubleLongUnsigned Value="00000007" />
  </Data>
  capture_objects:
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0001600A03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180201FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180202FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180203FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180204FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
  Buffer has 7 elements:
  <_Data>
    <Array Qty="0007" >
      <Structure Qty="0006" >
        <OctetString Value="07DA011F07173B0000800000" />
        <Unsigned Value="00" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
      <Structure Qty="0006" >
        <OctetString Value="07DA021C07173B0000800000" />
        <Unsigned Value="24" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0006" >
        <OctetString Value="07DA031F03173B0000800080" />
        <Unsigned Value="2C" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
    </Array>
  </Data>

```

```

    <OctetString Value="07DA041E05173B0000800080" />
    <Unsigned Value="2C" />
    <NullData />
    <NullData />
    <NullData />
    <NullData />
    <NullData />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07DA051F01173B0000800080" />
    <Unsigned Value="2C" />
    <NullData />
    <NullData />
    <NullData />
    <NullData />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07DA061E03173B0000800080" />
    <Unsigned Value="2C" />
    <NullData />
    <NullData />
    <NullData />
    <NullData />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07DD0708010800000800080" />
    <Unsigned Value="2C" />
    <DoubleLongUnsigned Value="05F5DD1B" />
    <DoubleLongUnsigned Value="000004BD" />
    <NullData />
    <NullData />
  </Structure>
</Array>
</_Data>
Earliest date: 31-JAN-2010 23:59:00, latest date: 08-JUL-2013 08:00:00
Middle date: 30-APR-2010 23:59:00
(114) .capture_objects PASSED
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0001600A03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180201FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180202FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180203FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180204FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
(115) .capture_period PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(116) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000007" />
  </Data>

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1758)
(117) .buffer PASSED
  entries_in_use: 7
  <Data>
    <DoubleLongUnsigned Value="00000007" />
  </Data>

```



```

</Data>
capture_objects:
<Data>
  <Array Qty="0006" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0002600A03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180201FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180202FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180203FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180204FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
Buffer has 7 elements:
<_Data>
  <Array Qty="0007" >
    <Structure Qty="0006" >
      <OctetString Value="07DA011F07173B0000800000" />
      <Unsigned Value="00" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA021C07173B0000800000" />
      <Unsigned Value="24" />
      <NullData />
      <NullData />
      <NullData />
      <NullData />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA031F03173B0000800080" />
      <Unsigned Value="2C" />
      <NullData />
      <NullData />
      <NullData />
      <NullData />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA041E05173B0000800080" />
      <Unsigned Value="2C" />
      <NullData />
      <NullData />
      <NullData />
      <NullData />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA051F01173B0000800080" />
      <Unsigned Value="2C" />
      <NullData />
      <NullData />
      <NullData />
      <NullData />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA061E03173B0000800080" />
      <Unsigned Value="2C" />
      <NullData />
      <NullData />
    </Structure>
  </Array>

```

```

    <NullData />
    <NullData />
  </Structure>
</Array>
</_Data>
Earliest date: 31-JAN-2010 23:59:00, latest date: 08-JUL-2013 08:00:00
Middle date: 30-APR-2010 23:59:00
(118) .capture_objects PASSED
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0002600A03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0002180201FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0002180202FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0002180203FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0002180204FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
(119) .capture_period PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(120) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000007" />
  </Data>
Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1769)
(121) .buffer PASSED
  entries_in_use: 7
  <Data>
    <DoubleLongUnsigned Value="00000007" />
  </Data>
  capture_objects:
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0003600A03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0003180201FF" />
        <Integer Value="02" />
      </Structure>
    </Array>
  </Data>

```

```

    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0004" />
    <OctetString Value="0003180202FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0004" />
    <OctetString Value="0003180203FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0004" />
    <OctetString Value="0003180204FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
</Array>
</Data>
Buffer has 7 elements:
  <_Data>
    <Array Qty="0007" >
      <Structure Qty="0006" >
        <OctetString Value="07DA011F07173B0000800000" />
        <Unsigned Value="00" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
      <Structure Qty="0006" >
        <OctetString Value="07DA021C07173B0000800000" />
        <Unsigned Value="24" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0006" >
        <OctetString Value="07DA031F03173B0000800080" />
        <Unsigned Value="2C" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0006" >
        <OctetString Value="07DA041E05173B0000800080" />
        <Unsigned Value="2C" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0006" >
        <OctetString Value="07DA051F01173B0000800080" />
        <Unsigned Value="2C" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0006" >
        <OctetString Value="07DA061E03173B0000800080" />
        <Unsigned Value="2C" />
        <NullData />
        <NullData />
        <NullData />
        <NullData />
      </Structure>
      <Structure Qty="0006" >
        <OctetString Value="07DD07080108000000800080" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="05F5DD1C" />
        <DoubleLongUnsigned Value="000004AA" />
        <NullData />
        <NullData />
      </Structure>
    </Array>
  </_Data>
  Earliest date: 31-JAN-2010 23:59:00, latest date: 08-JUL-2013 08:00:00
  Middle date: 30-APR-2010 23:59:00
(122) .capture_objects PASSED
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />

```

```

    <OctetString Value="0000010000FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0001" />
    <OctetString Value="0003600A03FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0004" />
    <OctetString Value="0003180201FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0004" />
    <OctetString Value="0003180202FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0004" />
    <OctetString Value="0003180203FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0004" />
    <OctetString Value="0003180204FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
</Array>
</Data>
(123) .capture_period PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(124) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000007" />
  </Data>

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1780)
(125) .buffer PASSED
  entries_in_use: 7
  <Data>
    <DoubleLongUnsigned Value="00000007" />
  </Data>
  capture_objects:
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0004600A03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180201FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180202FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180203FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180204FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>

```

```

</Array>
</Data>
Buffer has 7 elements:
<_Data>
  <Array Qty="0007" >
    <Structure Qty="0006" >
      <OctetString Value="07DA011F07173B0000800000" />
      <Unsigned Value="00" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA021C07173B0000800000" />
      <Unsigned Value="24" />
      <NullData />
      <NullData />
      <NullData />
      <NullData />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA031F03173B0000800080" />
      <Unsigned Value="2C" />
      <NullData />
      <NullData />
      <NullData />
      <NullData />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA041E05173B0000800080" />
      <Unsigned Value="2C" />
      <NullData />
      <NullData />
      <NullData />
      <NullData />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA051F01173B0000800080" />
      <Unsigned Value="2C" />
      <NullData />
      <NullData />
      <NullData />
      <NullData />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DA061E03173B0000800080" />
      <Unsigned Value="2C" />
      <NullData />
      <NullData />
      <NullData />
      <NullData />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07DD0708010800000800080" />
      <Unsigned Value="2C" />
      <DoubleLongUnsigned Value="05F5DD24" />
      <DoubleLongUnsigned Value="000004B3" />
      <NullData />
      <NullData />
    </Structure>
  </Array>
</_Data>
Earliest date: 31-JAN-2010 23:59:00, latest date: 08-JUL-2013 08:00:00
Middle date: 30-APR-2010 23:59:00
(126) .capture_objects PASSED
<Data>
  <Array Qty="0006" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0004600A03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180201FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180202FF" />
      <Integer Value="02" />
    </Structure>
  </Array>

```

```

        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180203FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180204FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(127) .capture_period PASSED
<Data>
    <DoubleLongUnsigned Value="00000E10" />
</Data>
(128) .entries_in_use PASSED
<Data>
    <DoubleLongUnsigned Value="00000007" />
</Data>
Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1898)
(129) .buffer PASSED
    entries_in_use: 7
    <Data>
        <DoubleLongUnsigned Value="00000007" />
    </Data>
    capture_objects:
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600B03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
    Buffer has 7 elements:
    <_Data>
        <Array Qty="0007" >
            <Structure Qty="0002" >
                <OctetString Value="07DA011F07173B0100800000" />
                <Enum Value="FF" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DA011F07173B3A00800000" />
                <Enum Value="68" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DA021C07173B3A00800000" />
                <NullData />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DA031F03173B3A00800080" />
                <NullData />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DA041E05173B3A00800080" />
                <NullData />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DA051F01173B3A00800080" />
                <NullData />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DA061E03173B3A00800080" />
                <NullData />
            </Structure>
        </Array>
    </_Data>
    Earliest date: 31-JAN-2010 23:59:01, latest date: 30-JUN-2010 23:59:58
    Middle date: 31-MAR-2010 23:59:58
(130) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000007" />
    </Data>

```

Test Case 15 : Re-read S-FSK, 35 item(s)

```

*****
Mngmt Get S-FSK Phy&MAC setup 0-0:26.0.0.255 (@1933)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="00001A0000FF" />
    </Data>
(2) .initiator_electrical_phase PASSED
    <Data>
    <Enum Value="03" />
    </Data>
(3) .delta_electrical_phase PASSED
    <Data>
    <Enum Value="01" />
    </Data>
(4) .max_receiving_gain PASSED
    <Data>
    <Unsigned Value="2A" />
    </Data>
(5) .max_transmitting_gain PASSED
    <Data>
    <Unsigned Value="00" />
    </Data>
(6) .search_initiator_gain PASSED
    <Data>
    <Unsigned Value="00" />
    </Data>
(7) .frequencies PASSED
    <Data>
    <Structure Qty="0002" >
    <DoubleLongUnsigned Value="0000F744" />
    <DoubleLongUnsigned Value="00012110" />
    </Structure>
    </Data>
(8) .mac_address PASSED
    <Data>
    <LongUnsigned Value="000E" />
    </Data>
(9) .mac_group_addresses PASSED
    <Data>
    <Array Qty="0005" >
    <LongUnsigned Value="0000" />
    <LongUnsigned Value="0000" />
    <LongUnsigned Value="0000" />
    <LongUnsigned Value="0000" />
    <LongUnsigned Value="0000" />
    </Array>
    </Data>
(10) .repeater PASSED
    <Data>
    <Enum Value="02" />
    </Data>
(11) .repeater_status PASSED
    <Data>
    <Bool Value="01" />
    </Data>
(12) .min_delta_credit PASSED
    <Data>
    <Unsigned Value="00" />
    </Data>
(13) .initiator_mac_address PASSED
    <Data>
    <LongUnsigned Value="0C00" />
    </Data>
(14) .synchronization_locked PASSED
    <Data>
    <Bool Value="01" />
    </Data>
(15) .transmission_speed PASSED
    <Data>
    <Enum Value="03" />
    </Data>
Mngmt Get S-FSK Active Initiator 0-0:26.1.0.255 (@1950)
(16) .logical_name PASSED
    <Data>
    <OctetString Value="00001A0100FF" />
    </Data>
(17) .active_initiator PASSED
    <Data>
    <Structure Qty="0003" >
    <OctetString Value="4C475A1169000000" />
    <LongUnsigned Value="0C00" />
    <Unsigned Value="01" />
    </Structure>
    </Data>
Mngmt Get S-FSK MAC synchronisation timeouts 0-0:26.2.0.255 (@1955)
(18) .logical_name PASSED
    <Data>

```

```

    <OctetString Value="00001A0200FF" />
  </Data>
(19) .search_initiator_timeout PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
(20) .synchronization_confirmation_timeout PASSED
  <Data>
    <LongUnsigned Value="0003" />
  </Data>
(21) .timeout_not_addressed PASSED
  <Data>
    <LongUnsigned Value="0168" />
  </Data>
(22) .timeout_frame_not_OK PASSED
  <Data>
    <LongUnsigned Value="0028" />
  </Data>

Mngmt Get S-FSK MAC counters 0-0:26.3.0.255 (@1962)
(23) .logical_name PASSED
  <Data>
    <OctetString Value="00001A0300FF" />
  </Data>
(24) .synchronization_register PASSED
  <Data>
    <Array Qty="0003" >
      <Structure Qty="0002" >
        <LongUnsigned Value="0C00" />
        <DoubleLongUnsigned Value="0000001F" />
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
    </Array>
  </Data>
(25) .desynchronization_listing PASSED
  <Data>
    <Structure Qty="0005" >
      <DoubleLongUnsigned Value="000000A7" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="0000001E" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
  </Data>
(26) .broadcast_frames_counter PASSED
  <Data>
    <Array Qty="0003" >
      <Structure Qty="0002" >
        <LongUnsigned Value="0C00" />
        <DoubleLongUnsigned Value="00000023" />
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
    </Array>
  </Data>
(27) .repetitions_counter PASSED
  <Data>
    <DoubleLongUnsigned Value="00000038" />
  </Data>
(28) .transmissions_counter PASSED
  <Data>
    <DoubleLongUnsigned Value="00000A50" />
  </Data>
(29) .CRC_OK_frames_counter PASSED
  <Data>
    <DoubleLongUnsigned Value="0000106C" />
  </Data>
(30) .CRC_NOK_frames_counter PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>

Mngmt Get S-FSK IEC 61334-4-32 LLC Setup 0-0:26.5.0.255 (@1973)
(31) .logical_name PASSED
  <Data>
    <OctetString Value="00001A0500FF" />
  </Data>

```



```

(32) .max_frame_length                                     PASSED
    <Data>
    <Unsigned Value="F2" />
    </Data>
(33) .reply_status_list                                   PASSED
    <Data>
    <Array Qty="0001" >
    <Structure Qty="0002" >
    <Unsigned Value="00" />
    <Unsigned Value="07" />
    </Structure>
    </Array>
    </Data>

Mngmt Get S-FSK Reporting system list 0-0:26.6.0.255 (@1978)
(34) .logical_name                                       INAPPLICABLE
    Optional object is not implemented
(35) .reporting_system_list                               INAPPLICABLE
    Optional object is not implemented

*****
* CTI *
*****

//*****
/** CTI Meter & COntrol SM401D-xxA *
//*****

Manufacturer = {
  Name = '\Meter and Control d.o.o.'
  ThreeLettersId = '\MAC'
}

DeviceUnderTest = {
  Type = '\SM401D-xxAxxxxx-xSxxxxx-xxxxxxxxxxxxx'
  IDISDeviceType = 100
  IDISFunctionType = [Extension_D, Extension_L, Extension_M]
  SerialNr = 00119939
}

ObjectModel = {
  // Optional objects implemented
  OptionalObjects = '\
+ '0-2:96.3.10.255|70,' // Load Mgmt - Relay control 2 (@205)
+ '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@515)
+ '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@521)
+ '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@527)
+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@533)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@539)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@545)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@551)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@557)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@563)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@569)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@575)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@581)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@587)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@593)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@599)
+ '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (@605)
+ '1-0:15.8.1.255|3,' // Active energy Combined total ((+A)|-A) rate 1 (@659)
+ '1-0:15.8.2.255|3,' // Active energy Combined total ((+A)|-A) rate 2 (@665)
+ '1-0:15.8.3.255|3,' // Active energy Combined total ((+A)|-A) rate 3 (@671)
+ '1-0:15.8.4.255|3,' // Active energy Combined total ((+A)|-A) rate 4 (@677)
+ '1-0:9.4.0.255|5,' // Demand Register 5 - Apparent energy import (+VA) (@736)
+ '1-0:10.4.0.255|5,' // Demand Register 6 - Apparent energy export (-VA) (@749)
+ '1-0:9.6.0.255|4,' // Maximum Demand Register 21 - Apparent energy import (+VA) (@970)
+ '1-0:9.6.1.255|4,' // Maximum Demand Register 22 - Apparent energy import (+VA) - rate 1 (@978)
+ '1-0:9.6.2.255|4,' // Maximum Demand Register 23 - Apparent energy import (+VA) - rate 2 (@986)
+ '1-0:9.6.3.255|4,' // Maximum Demand Register 24 - Apparent energy import (+VA) - rate 3 (@994)
+ '1-0:9.6.4.255|4,' // Maximum Demand Register 25 - Apparent energy import (+VA) - rate 4 (@1002)
+ '1-0:10.6.0.255|4,' // Maximum Demand Register 26 - Apparent energy export (-VA) (@1010)
+ '1-0:10.6.1.255|4,' // Maximum Demand Register 27 - Apparent energy export (-VA) - rate 1 (@1018)
+ '1-0:10.6.2.255|4,' // Maximum Demand Register 28 - Apparent energy export (-VA) - rate 2 (@1026)
+ '1-0:10.6.3.255|4,' // Maximum Demand Register 29 - Apparent energy export (-VA) - rate 3 (@1034)
+ '1-0:10.6.4.255|4,' // Maximum Demand Register 30 - Apparent energy export (-VA) - rate 4 (@1042)
+ '1-0:14.7.0.255|3,' // Instantaneous net frequency; any phase (@1359)
+ '1-0:9.7.0.255|3,' // Instantaneous apparent import power (+VA) (@1395)
+ '1-0:10.7.0.255|3,' // Instantaneous apparent export power (-VA) (@1401)
+ '1-0:13.7.0.255|3,' // Instantaneous Power factor (+A/+VA) (@1446)
+ '0-1:24.6.0.255|74' // M-Bus master port setup 2 (@1479)

InstanceExtraInfo = {
  // Current association (@9)
  LogicalName = '0-0:40.0.0.255'
  ClassId = 15
  AttributeExtraInfo = {
    // secret

```

```

        AttributeId = 7
        AccessRights = [SET]
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
}

InstanceExtraInfo = {
    // Activity Calendar (@100)
    LogicalName = '0-0:13.0.0.255'
    ClassId = 20
    MethodExtraInfo = {
        // activate_passive_calendar
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // Load Mgmt - Relay control 1 (@197)
    LogicalName = '0-1:96.3.10.255'
    ClassId = 70
    AttributeExtraInfo = {
        // control_mode
        AttributeId = 4
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Load Mgmt - Relay control 2 (@205)
    LogicalName = '0-2:96.3.10.255'
    ClassId = 70
    AttributeExtraInfo = {
        // control_mode
        AttributeId = 4
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Set clock to 05/11/2013 12:29:52
    LogicalName = '0-0:1.0.0.255'
    ClassId = 8
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="07DD0708FF080000FF8000FF" /></Data>'
    }
}

InstanceExtraInfo = {
    // Set value for Consumer Message Text
    LogicalName = '0-0:96.13.0.255'
    ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
}

InstanceExtraInfo = {
    // Set special days to 30 entries
    LogicalName = '0-0:11.0.0.255'
    ClassId = 11
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data>'
+       <Array Qty="1E" >'
+       <Structure Qty="03" >'
+       <LongUnsigned Value="0001" />'
+       <OctetString Value="FFFF0101FF" />'
+       <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+       <LongUnsigned Value="0001" />'
+       <OctetString Value="FFFF0102FF" />'
+       <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+       <LongUnsigned Value="0001" />'
+       <OctetString Value="FFFF0103FF" />'
+       <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+       <LongUnsigned Value="0001" />'
+       <OctetString Value="FFFF0104FF" />'
+       <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+       <LongUnsigned Value="0001" />'
+       <OctetString Value="FFFF0105FF" />'
+       </Structure>'
+       </Array>'
    }
}

```



```

+      <Unsigned Value="02" />'
+    </Structure>'
+    <Structure Qty="03" >'
+      <LongUnsigned Value="0001" />'
+      <OctetString Value="FFFF0304FF" />'
+      <Unsigned Value="02" />'
+    </Structure>'
+    <Structure Qty="03" >'
+      <LongUnsigned Value="0001" />'
+      <OctetString Value="FFFF0305FF" />'
+      <Unsigned Value="02" />'
+    </Structure>'
+    <Structure Qty="03" >'
+      <LongUnsigned Value="0001" />'
+      <OctetString Value="FFFF0306FF" />'
+      <Unsigned Value="02" />'
+    </Structure>'
+    <Structure Qty="03" >'
+      <LongUnsigned Value="0001" />'
+      <OctetString Value="FFFF0307FF" />'
+      <Unsigned Value="02" />'
+    </Structure>'
+    <Structure Qty="03" >'
+      <LongUnsigned Value="0001" />'
+      <OctetString Value="FFFF0308FF" />'
+      <Unsigned Value="02" />'
+    </Structure>'
+    <Structure Qty="03" >'
+      <LongUnsigned Value="0001" />'
+      <OctetString Value="FFFF0309FF" />'
+      <Unsigned Value="02" />'
+    </Structure>'
+    <Structure Qty="03" >'
+      <LongUnsigned Value="0001" />'
+      <OctetString Value="FFFF030AFF" />'
+      <Unsigned Value="02" />'
+    </Structure>'
+  </Array>'
+ </Data>'
}
}

TestParameters = {
  MeterDiscoveryTimeout = 240000
  DefaultAccessTimeout = 240000
  DefaultPriority = 5
  ConnectDisconnectDelay = 10000
  DCSystemTitle = '4C475A1169000000' //FIT DC System Title

  ImageTransfer = {
    ImageIdentifier = '\MAC-SM401D-HW2.8'
    ImageFileName = '\MACImagetest.image'
    Timeout = 90000
  }
}

TestOptions = {
}

PLCCConfig = {
  AddrMAC = 0xC00
  TimeoutNotAddr = 360
  MaxSubFrames = 7
  TimeUpdatePeriod = 0
  BkgTaskEnabled = 1
  BkgMinDelay = 60
  DiscoverTimeSlots = 20
  ResponseProbability = 100
  MaxCredit = 2
  DiscoverPeriod = 0
  TransmissionGain = 0
  ReceptionGain = 8
  BaudRate = 1
  InputFrequency = 0
  NbComOkDecrCredit = 3
  DecrCredit = 1
  IncrCredit = 2
  MaxRetry = 1
  RepeaterCallEnabled = 0
  RepeaterCallLevel = 1000
  NewBcplTSlotCount = 10
  AlarmMngtEnabled = 0
  AlarmMngtDelay = 0
  AutoDiscoveryPriority = 2
  FCTxValue = 0
}

StandardSecurityElements = {

```

```

Public = {
  MechanismName = LOWEST_LEVEL_SECURITY
  Policy = NO_SECURITY
}

Management = {
  MechanismName = LOW_LEVEL_SECURITY
  Policy = NO_SECURITY
  Password = '\12345678'
}

PreEstablished = {
  Policy = NO_SECURITY
}
}

LocalSecurityElements = {

  Public = {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }

  Management = {
    ContextName = LONG_NAMES_WITH_CIPHERING
    MechanismName = HIGH_LEVEL_SECURITY_GMAC
    Policy = AUTHENTICATION_AND_ENCRYPTION
    Password = '\12345678'
  }

  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
  }
}

TunnelSecurityElements = {

  Public = {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }

  Management = {
    ContextName = LONG_NAMES_WITH_CIPHERING
    MechanismName = HIGH_LEVEL_SECURITY_GMAC
    Policy = AUTHENTICATION_AND_ENCRYPTION
    Password = '\12345678'
  }

  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
  }
}

HDLCProfile = {

  PhysicalLayer = {
    // EchoingPort = FALSE
    OpeningMode = DIRECT_HDLC
    HdLcBaud = 9600
  }

  DataLinkLayer = {
    InactivityTimeout = 55000
    InterFrameTimeout = 100
    ResponseTimeout = 2000
    ServerLowerMacAddress = 0x11
    DISCToNDMTimeout = 500
    AddressingSchemes = [TWO_BYTES_ADDRESSING]
  }
}

*****
* Miscellaneous *
*****

TestMode:           Tunnel
Test Plan Signature: 2E7528F668226F15938A849EB132DD6A
Object Model:       IDIS - object model - V1.24 (20111025)-MBUS Ref 1.xlsx
DUT system title:   4D4143647001D483
DC MeterId:         MAC647001D483
Run number:         0
--

26BBD8F4610802DBD4CB9FB6A6E0AA81

```

Fit #13
Device:SM401D

Zug, Switzerland, 08.07.2014

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