

# Final Interoperability Test Report

FIT #: **39**  
Date: 07.03.2019  
Location: DNV-GL,Arnhem, Netherlands  
Page 1 of 38

## APPLICANT

Company: Smart Metering Solutions (Changsha)

Address: 468 West Tongzipo Road, High-New-Tech Industrial Development Zone, ChangSha City, China

## DEVICE

Device type	<b>IM350</b>	
Type indication on MID certificate		MID Certificate No.
AM550		SGS 0120/SGS0263
IDIS Specification reference	DNV-gl IDIS Certification run No	Digital signature of the test report.
Package 2 ed. 2.0	564	7AB8A5DABD341A3737A6F959CE57A2B3
First certification	IDIS Label	Modular device
<input checked="" type="checkbox"/>	0048	<input type="checkbox"/>
<i>General information about the device</i>		
Module: AC150-G3 G3-PLC		

FIRMWARE VERSIONS TESTED				Final Interoperability Test No. 39
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	WSE350EL04020001			Passed

Honeywell

Iskraemeco d.d.

Itron

Landis+Gyr AG

FIRMWARE VERSIONS HISTORY				<i>Final Integration Test</i>	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	WSE350EL04020001			39	Passed

TEST REPORT - Firmware No. 1		
Test	Verdict	Remark
Connect and release	Passed	
All Device IDs	Passed	
COSEM logical device name	Passed	
SAP assignment	Passed	
FW version and signature	Passed	
All Device ID's	Passed	
Broadcast Date and time	Passed	
Broadcast Special Days Table	Passed	
Event logs	Passed	
Billing data period 1	Passed	
M-Bus Channel Setup	Passed	
M-Bus Results	Passed	
M-Bus Devices IDs	Passed	
M-Bus profiles	Passed	
M-Bus Load profiles	Passed	
M-Bus control logs	Passed	
M-Bus Disconnect log	Passed	
FIT Push	Passed	
FIT Miscellaneous	Passed	
Optical Port Connectivity	Passed	
Consumer Information Interface	Not Tested	
<b>FIT Conformance Test Report</b>		
<pre> ***** IDIS Conformance test report 07-MAR-2019 16:59:00 iCTT2 Package 2, Edition 2.0, Revision 1 (134) Licensed to: KEMA-IDIS Cert. Tester: Bas Roelofsen *****  ***** * Identification * *****  Manufacturer = {   Name = '\Smart Metering Solutions(Changsha) Co., Ltd.'   ThreeLettersId = '\SMS' } DeviceUnderTest = {   Type = '\IM350'   IDISDeviceType = 103   IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M]   SerialNr = 3487029   IPVersion = IPV6   DataLinkLayer = G3   ConsumerInformationPush = FALSE   EUI64Address = '386E21FFFE353535'   SMSSupported = FALSE   ClipCallSupported = FALSE }  Active firmware identifier (1-0:0.2.0.255) = \WSE350EL04020001  ***** * Summary * *****  PASSED                262 FAILED                 0 DISABLED               0 INAPPLICABLE          11 INCONCLUSIVE           0 </pre>		

FATAL	0	
TOTAL	273	
*****		
Test Case 1 : Connect and release, 4 item(s)		
*****		
(1) Connect Public		PASSED
(2) Release Public		PASSED
(3) Connect Management		PASSED
(4) Release Management		PASSED
*****		
Test Case 2 : Read Device IDs, 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="\SEBDR0020584018 " />		
</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="\2017" />		
</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="\2017" />		
</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="\2017" />		
</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="\2017" />		
</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="\2017000000000000" />		

```

</Data>

*****
Test Case 3 : 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="\SMS1030703487029" />
    </Data>

*****
Test Case 4 : 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="\SMS1030703487029" />
    </Structure>
    </Array>
    </Data>

*****
Test Case 5 : Read Active FW Version, 12 item(s)
*****

Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="0100000200FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString Value="\WSE350EL04020001" />
    </Data>

Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)
(3) .logical_name PASSED
    <Data>
    <OctetString Value="0100000208FF" />
    </Data>
(4) .value PASSED
    <Data>
    <OctetString
Value="212CA260B825BB8BEEB02E360D7E274467284F151982D1707FAEE98FE8C6F1D4F1762375157A0671F1F8A6
B87AE0C81329E953420D533BE673C681ADD90EE67F" />
    </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)
(5) .logical_name
INAPPLICABLE
    Optional object is not implemented
(6) .value
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)
(7) .logical_name
INAPPLICABLE
    Optional object is not implemented

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(8) .value
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)
(9) .logical_name
INAPPLICABLE
    Optional object is not implemented
(10) .value
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)
(11) .logical_name
INAPPLICABLE
    Optional object is not implemented
(12) .value
INAPPLICABLE
    Optional object is not implemented

*****
Test Case 6 : Set Clock, 1 item(s)
*****

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time                                     PASSED
    <Data>
    <OctetString Value="07E3030704110000FF8000FF" />
    </Data>

*****
Test Case 7 : Get Clock, 1 item(s)
*****

Mngmt Get Clock 0-0:1.0.0.255 (@75)
(1) .time                                     PASSED
    <Data>
    <OctetString Value="07E303070411000000FFC400" />
    </Data>

*****
Test Case 8 : Set Special Days, 1 item(s)
*****

Pre Set Special Days Table 0-0:11.0.0.255 (@125)
(1) .entries                                  PASSED
    <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>
    </Array>
    </Data>

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```

<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>
<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" />

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    <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" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>
  <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 9 : Get Special Days, 1 item(s)  
\*\*\*\*\*

Mngmt Get Special Days Table 0-0:11.0.0.255 (@125)

(1) .entries

PASSED

```

  <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>
    </Array>
  </Data>

```



```
<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>
```

```

    <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 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" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>
  <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 10 : Read Event Log Buffers, 20 item(s)
*****

```

```

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)
(1) .logical_name PASSED
    <Data>
      <OctetString Value="0000636202FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 07-MAR-2019 14:44:12, latest date: 07-MAR-2019 14:45:07
    Middle date: 07-MAR-2019 14:44:38
(3) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="00000007" />
    </Data>
(4) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="000000C8" />
    </Data>

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)
(5) .logical_name PASSED
    <Data>
      <OctetString Value="0000636200FF" />
    </Data>
(6) .buffer PASSED
    Earliest date: 31-MAY-2018 15:06:12, latest date: 07-MAR-2019 16:57:58
    Middle date: 07-MAR-2019 15:23:30
(7) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="0000004D" />
    </Data>
(8) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="000001F4" />
    </Data>

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)
(9) .logical_name PASSED
    <Data>
      <OctetString Value="0000636201FF" />
    </Data>
(10) .buffer PASSED
    Earliest date: 07-MAR-2019 11:36:08, latest date: 07-MAR-2019 16:49:14
    Middle date: 07-MAR-2019 14:48:18
(11) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="00000029" />
    </Data>
(12) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="000000C8" />
    </Data>

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)
(13) .logical_name PASSED
    <Data>
      <OctetString Value="0000636205FF" />
    </Data>
(14) .buffer PASSED
    Earliest date: 07-MAR-2019 11:40:52, latest date: 07-MAR-2019 16:56:37
    Middle date: 07-MAR-2019 14:34:25
(15) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="00000011" />
    </Data>
(16) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="000000C8" />
    </Data>

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(17) .logical_name PASSED
    <Data>
      <OctetString Value="0000636204FF" />

```

</Data>		
(18) .buffer	Earliest date: 07-MAR-2019 12:30:33, latest date: 07-MAR-2019 16:58:29 Middle date: 07-MAR-2019 14:48:06	PASSED
(19) .entries_in_use	<Data> <DoubleLongUnsigned Value="0000002C" /> </Data>	PASSED
(20) .profile_entries	<Data> <DoubleLongUnsigned Value="000000C8" /> </Data>	PASSED
***** Test Case 11 : Reading Data of Billing Period 1, 8 item(s) *****		
Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)		
(1) .logical_name	<Data> <OctetString Value="0000620100FF" /> </Data>	PASSED
(2) .buffer	Earliest date: 02-JUN-2018 00:00:00, latest date: 02-MAR-2019 00:00:00 Middle date: 02-NOV-2018 00:00:00	PASSED
(3) .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> <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>	PASSED
(4) .capture_period	<Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED
(5) .sort_method	<Data> <Enum Value="01" /> </Data>	PASSED
(6) .sort_object	<Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" />	PASSED



	<pre>                 &lt;OctetString Value="0000000000000000000000" /&gt;             &lt;/Structure&gt;             &lt;Structure Qty="0002" &gt;                 &lt;OctetString Value="0000000000000000000000" /&gt;                 &lt;OctetString Value="0000000000000000000000" /&gt;             &lt;/Structure&gt;         &lt;/Array&gt;     &lt;/Data&gt; (8) .capture_period PASSED     &lt;Data&gt;         &lt;DoubleLongUnsigned Value="00000E10" /&gt;     &lt;/Data&gt; (9) .primary_address PASSED     &lt;Data&gt;         &lt;Unsigned Value="01" /&gt;     &lt;/Data&gt; (10) .identification_number PASSED     &lt;Data&gt;         &lt;DoubleLongUnsigned Value="00047BB1" /&gt;     &lt;/Data&gt; (11) .manufacturer_id PASSED     &lt;Data&gt;         &lt;LongUnsigned Value="19AC" /&gt;     &lt;/Data&gt; (12) .version PASSED     &lt;Data&gt;         &lt;Unsigned Value="02" /&gt;     &lt;/Data&gt; (13) .device_type PASSED     &lt;Data&gt;         &lt;Unsigned Value="03" /&gt;     &lt;/Data&gt; (14) .access_number PASSED     &lt;Data&gt;         &lt;Unsigned Value="00" /&gt;     &lt;/Data&gt; (15) .status PASSED     &lt;Data&gt;         &lt;Unsigned Value="00" /&gt;     &lt;/Data&gt; (16) .alarm PASSED     &lt;Data&gt;         &lt;Unsigned Value="00" /&gt;     &lt;/Data&gt;  Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596) (17) .logical_name PASSED     &lt;Data&gt;         &lt;OctetString Value="0002180100FF" /&gt;     &lt;/Data&gt; (18) .mbus_port_reference PASSED     &lt;Data&gt;         &lt;OctetString Value="0000180600FF" /&gt;     &lt;/Data&gt; (19) .capture_definition PASSED     &lt;Data&gt;         &lt;Array Qty="0008" &gt;             &lt;Structure Qty="0002" &gt;                 &lt;OctetString Value="\L" /&gt;                 &lt;OctetString Value="933A" /&gt;             &lt;/Structure&gt;             &lt;Structure Qty="0002" &gt;                 &lt;OctetString Value="8940" /&gt;                 &lt;OctetString Value="FD1A" /&gt;             &lt;/Structure&gt;             &lt;Structure Qty="0002" &gt;                 &lt;OctetString Value="0000000000000000000000" /&gt;                 &lt;OctetString Value="0000000000000000000000" /&gt;             &lt;/Structure&gt;             &lt;Structure Qty="0002" &gt;                 &lt;OctetString Value="0000000000000000000000" /&gt;                 &lt;OctetString Value="0000000000000000000000" /&gt;             &lt;/Structure&gt;         &lt;/Array&gt;     &lt;/Data&gt; </pre>
--	--

	<pre> &lt;Structure Qty="0002" &gt;   &lt;OctetString Value="0000000000000000000000" /&gt;   &lt;OctetString Value="0000000000000000000000" /&gt; &lt;/Structure&gt; &lt;Structure Qty="0002" &gt;   &lt;OctetString Value="0000000000000000000000" /&gt;   &lt;OctetString Value="0000000000000000000000" /&gt; &lt;/Structure&gt; &lt;Structure Qty="0002" &gt;   &lt;OctetString Value="0000000000000000000000" /&gt;   &lt;OctetString Value="0000000000000000000000" /&gt; &lt;/Structure&gt; &lt;Structure Qty="0002" &gt;   &lt;OctetString Value="0000000000000000000000" /&gt;   &lt;OctetString Value="0000000000000000000000" /&gt; &lt;/Structure&gt; &lt;/Array&gt; &lt;/Data&gt; </pre>	
(20)	.capture_period	PASSED
	<pre> &lt;Data&gt;   &lt;DoubleLongUnsigned Value="00000E10" /&gt; &lt;/Data&gt; </pre>	
(21)	.primary_address	PASSED
	<pre> &lt;Data&gt;   &lt;Unsigned Value="02" /&gt; &lt;/Data&gt; </pre>	
(22)	.identification_number	PASSED
	<pre> &lt;Data&gt;   &lt;DoubleLongUnsigned Value="00047BB2" /&gt; &lt;/Data&gt; </pre>	
(23)	.manufacturer_id	PASSED
	<pre> &lt;Data&gt;   &lt;LongUnsigned Value="19AC" /&gt; &lt;/Data&gt; </pre>	
(24)	.version	PASSED
	<pre> &lt;Data&gt;   &lt;Unsigned Value="02" /&gt; &lt;/Data&gt; </pre>	
(25)	.device_type	PASSED
	<pre> &lt;Data&gt;   &lt;Unsigned Value="03" /&gt; &lt;/Data&gt; </pre>	
(26)	.access_number	PASSED
	<pre> &lt;Data&gt;   &lt;Unsigned Value="00" /&gt; &lt;/Data&gt; </pre>	
(27)	.status	PASSED
	<pre> &lt;Data&gt;   &lt;Unsigned Value="00" /&gt; &lt;/Data&gt; </pre>	
(28)	.alarm	PASSED
	<pre> &lt;Data&gt;   &lt;Unsigned Value="00" /&gt; &lt;/Data&gt; </pre>	
Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)		
(29)	.logical_name	PASSED
	<pre> &lt;Data&gt;   &lt;OctetString Value="0003180100FF" /&gt; &lt;/Data&gt; </pre>	
(30)	.mbus_port_reference	PASSED
	<pre> &lt;Data&gt;   &lt;OctetString Value="0000180600FF" /&gt; &lt;/Data&gt; </pre>	
(31)	.capture_definition	PASSED
	<pre> &lt;Data&gt;   &lt;Array Qty="0008" &gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="\L" /&gt;       &lt;OctetString Value="933A" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="8940" /&gt;     &lt;/Structure&gt;   &lt;/Array&gt; </pre>	

```

        <OctetString Value="FD1A" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="0000000000000000000000" />
        <OctetString Value="0000000000000000000000" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="0000000000000000000000" />
        <OctetString Value="0000000000000000000000" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="0000000000000000000000" />
        <OctetString Value="0000000000000000000000" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="0000000000000000000000" />
        <OctetString Value="0000000000000000000000" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="0000000000000000000000" />
        <OctetString Value="0000000000000000000000" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="0000000000000000000000" />
        <OctetString Value="0000000000000000000000" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="0000000000000000000000" />
        <OctetString Value="0000000000000000000000" />
    </Structure>
    </Array>
</Data>
(32) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000E10" />
    </Data>
(33) .primary_address PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(34) .identification_number PASSED
    <Data>
        <DoubleLongUnsigned Value="00047BB4" />
    </Data>
(35) .manufacturer_id PASSED
    <Data>
        <LongUnsigned Value="19AC" />
    </Data>
(36) .version PASSED
    <Data>
        <Unsigned Value="02" />
    </Data>
(37) .device_type PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(38) .access_number PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(39) .status PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(40) .alarm PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)
(41) .logical_name PASSED
    <Data>
        <OctetString Value="0004180100FF" />
    </Data>
(42) .mbus_port_reference PASSED
    <Data>
        <OctetString Value="0000180600FF" />
    </Data>

```



(43) .capture_definition	PASSED
<pre> &lt;/Data&gt; &lt;Data&gt;   &lt;Array Qty="0008" &gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="\L" /&gt;       &lt;OctetString Value="933A" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="8940" /&gt;       &lt;OctetString Value="FD1A" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="0000000000000000000000" /&gt;       &lt;OctetString Value="0000000000000000000000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="0000000000000000000000" /&gt;       &lt;OctetString Value="0000000000000000000000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="0000000000000000000000" /&gt;       &lt;OctetString Value="0000000000000000000000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="0000000000000000000000" /&gt;       &lt;OctetString Value="0000000000000000000000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="0000000000000000000000" /&gt;       &lt;OctetString Value="0000000000000000000000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0002" &gt;       &lt;OctetString Value="0000000000000000000000" /&gt;       &lt;OctetString Value="0000000000000000000000" /&gt;     &lt;/Structure&gt;   &lt;/Array&gt; &lt;/Data&gt; </pre>	
(44) .capture_period	PASSED
<pre> &lt;Data&gt;   &lt;DoubleLongUnsigned Value="00000E10" /&gt; &lt;/Data&gt; </pre>	
(45) .primary_address	PASSED
<pre> &lt;Data&gt;   &lt;Unsigned Value="04" /&gt; &lt;/Data&gt; </pre>	
(46) .identification_number	PASSED
<pre> &lt;Data&gt;   &lt;DoubleLongUnsigned Value="00047BB3" /&gt; &lt;/Data&gt; </pre>	
(47) .manufacturer_id	PASSED
<pre> &lt;Data&gt;   &lt;LongUnsigned Value="19AC" /&gt; &lt;/Data&gt; </pre>	
(48) .version	PASSED
<pre> &lt;Data&gt;   &lt;Unsigned Value="02" /&gt; &lt;/Data&gt; </pre>	
(49) .device_type	PASSED
<pre> &lt;Data&gt;   &lt;Unsigned Value="03" /&gt; &lt;/Data&gt; </pre>	
(50) .access_number	PASSED
<pre> &lt;Data&gt;   &lt;Unsigned Value="00" /&gt; &lt;/Data&gt; </pre>	
(51) .status	PASSED
<pre> &lt;Data&gt;   &lt;Unsigned Value="00" /&gt; &lt;/Data&gt; </pre>	
(52) .alarm	PASSED
<pre> &lt;Data&gt;   &lt;Unsigned Value="00" /&gt; </pre>	

```

</Data>

*****
Test Case 13 : Ext. M - M-Bus Results uncorrected Vol. & valve, 40 item(s)
*****

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="0001180201FF" />
    </Data>
(2) .value PASSED
    <Data>
    <DoubleLongUnsigned Value="00000DD2" />
    </Data>
(3) .scaler_unit PASSED
    <Data>
    <Structure Qty="0002" >
    <Integer Value="FD" />
    <Enum Value="0D" />
    </Structure>
    </Data>
(4) .status PASSED
    <Data>
    <Unsigned Value="00" />
    </Data>
(5) .capture_time PASSED
    <Data>
    <OctetString Value="07E3030704102C2200FFC400" />
    </Data>

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)
(6) .logical_name PASSED
    <Data>
    <OctetString Value="0001180202FF" />
    </Data>
(7) .value PASSED
    <Data>
    <DoubleLongUnsigned Value="00000001" />
    </Data>
(8) .scaler_unit PASSED
    <Data>
    <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="FF" />
    </Structure>
    </Data>
(9) .status PASSED
    <Data>
    <Unsigned Value="00" />
    </Data>
(10) .capture_time PASSED
    <Data>
    <OctetString Value="07E3030704102C2200FFC400" />
    </Data>

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)
(11) .logical_name PASSED
    <Data>
    <OctetString Value="0002180201FF" />
    </Data>
(12) .value PASSED
    <Data>
    <DoubleLongUnsigned Value="00000A0C" />
    </Data>
(13) .scaler unit PASSED
    <Data>
    <Structure Qty="0002" >
    <Integer Value="FD" />
    <Enum Value="0D" />
    </Structure>
    </Data>
(14) .status PASSED

```

	<Data> <Unsigned Value="00" /> </Data>	
(15)	.capture_time <Data> <OctetString Value="07E3030704102D0200FFC400" /> </Data>	PASSED
	Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)	
(16)	.logical_name <Data> <OctetString Value="0002180202FF" /> </Data>	PASSED
(17)	.value <Data> <DoubleLongUnsigned Value="00000001" /> </Data>	PASSED
(18)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FF" /> </Structure> </Data>	PASSED
(19)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
(20)	.capture_time <Data> <OctetString Value="07E3030704102D0200FFC400" /> </Data>	PASSED
	Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)	
(21)	.logical_name <Data> <OctetString Value="0003180201FF" /> </Data>	PASSED
(22)	.value <Data> <DoubleLongUnsigned Value="00000D1B" /> </Data>	PASSED
(23)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data>	PASSED
(24)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
(25)	.capture_time <Data> <OctetString Value="07E3030704102D2300FFC400" /> </Data>	PASSED
	Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)	
(26)	.logical_name <Data> <OctetString Value="0003180202FF" /> </Data>	PASSED
(27)	.value <Data> <DoubleLongUnsigned Value="00000001" /> </Data>	PASSED
(28)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FF" /> </Structure>	PASSED

<code>&lt;/Data&gt;</code>		
(29)	<code>.status</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;Unsigned Value="00" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(30)	<code>.capture_time</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;OctetString Value="07E3030704102D2300FFC400" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)		
(31)	<code>.logical_name</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;OctetString Value="0004180201FF" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(32)	<code>.value</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;DoubleLongUnsigned Value="00000985" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(33)	<code>.scaler_unit</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;Structure Qty="0002" &gt;</code>	
	<code>&lt;Integer Value="FD" /&gt;</code>	
	<code>&lt;Enum Value="0D" /&gt;</code>	
	<code>&lt;/Structure&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(34)	<code>.status</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;Unsigned Value="00" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(35)	<code>.capture_time</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;OctetString Value="07E3030704102F2D00FFC400" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)		
(36)	<code>.logical_name</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;OctetString Value="0004180202FF" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(37)	<code>.value</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;DoubleLongUnsigned Value="00000001" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(38)	<code>.scaler_unit</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;Structure Qty="0002" &gt;</code>	
	<code>&lt;Integer Value="00" /&gt;</code>	
	<code>&lt;Enum Value="FF" /&gt;</code>	
	<code>&lt;/Structure&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(39)	<code>.status</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;Unsigned Value="00" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(40)	<code>.capture_time</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;OctetString Value="07E3030704102F2D00FFC400" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
*****		
Test Case 14 : Ext. M - M-Bus Device IDs, 16 item(s)		
*****		
Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)		
(1)	<code>.logical_name</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;OctetString Value="0001600100FF" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	
(2)	<code>.value</code>	PASSED
	<code>&lt;Data&gt;</code>	
	<code>&lt;OctetString Value="\00000540029380911" /&gt;</code>	
	<code>&lt;/Data&gt;</code>	

```

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(3) .logical_name PASSED
    <Data>
      <OctetString Value="0002600100FF" />
    </Data>
(4) .value PASSED
    <Data>
      <OctetString Value="\00000540029381011" />
    </Data>

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(5) .logical_name PASSED
    <Data>
      <OctetString Value="0003600100FF" />
    </Data>
(6) .value PASSED
    <Data>
      <OctetString Value="\00000540029381211" />
    </Data>

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)
(7) .logical_name PASSED
    <Data>
      <OctetString Value="0004600100FF" />
    </Data>
(8) .value PASSED
    <Data>
      <OctetString Value="\00000540029381111" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)
(9) .logical_name PASSED
    <Data>
      <OctetString Value="0001600101FF" />
    </Data>
(10) .value PASSED
    <Data>
      <OctetString Value="\2017" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)
(11) .logical_name PASSED
    <Data>
      <OctetString Value="0002600101FF" />
    </Data>
(12) .value PASSED
    <Data>
      <OctetString Value="\2017" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)
(13) .logical_name PASSED
    <Data>
      <OctetString Value="0003600101FF" />
    </Data>
(14) .value PASSED
    <Data>
      <OctetString Value="\2017" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)
(15) .logical_name PASSED
    <Data>
      <OctetString Value="0004600101FF" />
    </Data>
(16) .value PASSED
    <Data>
      <OctetString Value="\2017" />
    </Data>

```

\*\*\*\*\*  
Test Case 15 : Ext. M - M-Bus Load Profiles, 32 item(s)

```

*****
Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)
(1) .logical_name                                     PASSED
    <Data>
      <OctetString Value="0001180300FF" />
    </Data>
(2) .buffer                                           PASSED
    Earliest date: 31-MAY-2018 16:00:00, latest date: 07-MAR-2019 17:00:00
    Middle date: 02-NOV-2018 00:00:00
(3) .capture_objects                                  PASSED
    <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="0001600A03FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0001180201FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
(4) .capture_period                                   PASSED
    <Data>
      <DoubleLongUnsigned Value="00000E10" />
    </Data>
(5) .sort_method                                     PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(6) .sort_object                                     PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(7) .entries_in_use                                  PASSED
    <Data>
      <DoubleLongUnsigned Value="00000017" />
    </Data>
(8) .profile_entries                                 PASSED
    <Data>
      <DoubleLongUnsigned Value="000000F0" />
    </Data>

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)
(9) .logical_name                                     PASSED
    <Data>
      <OctetString Value="0002180300FF" />
    </Data>
(10) .buffer                                          PASSED
    Earliest date: 31-MAY-2018 16:00:00, latest date: 07-MAR-2019 17:00:00
    Middle date: 02-NOV-2018 00:00:00
(11) .capture_objects                                 PASSED
    <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="0002600A03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0002180201FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(12) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000E10" />
    </Data>
(13) .sort_method PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(14) .sort_object PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0008" />
            <OctetString Value="0000010000FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(15) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000017" />
    </Data>
(16) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="000000F0" />
    </Data>

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)
(17) .logical_name PASSED
    <Data>
        <OctetString Value="0003180300FF" />
    </Data>
(18) .buffer PASSED
    Earliest date: 31-MAY-2018 16:00:00, latest date: 07-MAR-2019 17:00:00
    Middle date: 02-NOV-2018 00:00:00
(19) .capture_objects PASSED
    <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="0003600A03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0003180201FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>

```

	</Data>	
(20)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(21)	.sort_method <Data> <Enum Value="01" /> </Data>	PASSED
(22)	.sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Data>	PASSED
(23)	.entries_in_use <Data> <DoubleLongUnsigned Value="00000017" /> </Data>	PASSED
(24)	.profile_entries <Data> <DoubleLongUnsigned Value="000000F0" /> </Data>	PASSED
Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)		
(25)	.logical_name <Data> <OctetString Value="0004180300FF" /> </Data>	PASSED
(26)	.buffer Earliest date: 31-MAY-2018 16:00:00, latest date: 07-MAR-2019 17:00:00 Middle date: 02-NOV-2018 00:00:00	PASSED
(27)	.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="0004600A03FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0004180201FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data>	PASSED
(28)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(29)	.sort_method <Data> <Enum Value="01" /> </Data>	PASSED
(30)	.sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure>	PASSED



</Structure>		
</Data>		
(31) .entries_in_use		PASSED
<Data>		
<DoubleLongUnsigned Value="00000017" />		
</Data>		
(32) .profile_entries		PASSED
<Data>		
<DoubleLongUnsigned Value="000000F0" />		
</Data>		
*****		
Test Case 16 : Ext. M - M-Bus Control Logs, 40 item(s)		
*****		
Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)		
(1) .logical_name		PASSED
<Data>		
<OctetString Value="0001180500FF" />		
</Data>		
(2) .buffer		PASSED
Earliest date: 31-MAY-2018 23:57:52, latest date: 01-JAN-2019 00:22:55		
Middle date: 01-JAN-2019 00:13:03		
(3) .capture_objects		PASSED
<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="0001600B04FF" />		
<Integer Value="02" />		
<LongUnsigned Value="0000" />		
</Structure>		
</Array>		
</Data>		
(4) .capture_period		PASSED
<Data>		
<DoubleLongUnsigned Value="00000000" />		
</Data>		
(5) .sort_method		PASSED
<Data>		
<Enum Value="01" />		
</Data>		
(6) .sort_object		PASSED
<Data>		
<Structure Qty="0004" >		
<LongUnsigned Value="0008" />		
<OctetString Value="0000010000FF" />		
<Integer Value="02" />		
<LongUnsigned Value="0000" />		
</Structure>		
</Data>		
(7) .entries_in_use		PASSED
<Data>		
<DoubleLongUnsigned Value="0000000B" />		
</Data>		
(8) .profile_entries		PASSED
<Data>		
<DoubleLongUnsigned Value="00000064" />		
</Data>		
Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)		
(9) .logical_name		PASSED
<Data>		
<OctetString Value="0002180500FF" />		
</Data>		
(10) .buffer		PASSED
Earliest date: 31-MAY-2018 23:57:52, latest date: 01-JAN-2019 00:23:51		

Middle date: 01-JAN-2019 00:14:35		
(11)	.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="0002600B04FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data>	PASSED
(12)	.capture_period <Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED
(13)	.sort_method <Data> <Enum Value="01" /> </Data>	PASSED
(14)	.sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Data>	PASSED
(15)	.entries_in_use <Data> <DoubleLongUnsigned Value="0000000B" /> </Data>	PASSED
(16)	.profile_entries <Data> <DoubleLongUnsigned Value="00000064" /> </Data>	PASSED
Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)		
(17)	.logical_name <Data> <OctetString Value="0003180500FF" /> </Data>	PASSED
(18)	.buffer Earliest date: 31-MAY-2018 23:57:52, latest date: 01-JAN-2019 00:24:48 Middle date: 01-JAN-2019 00:16:19	PASSED
(19)	.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="0003600B04FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data>	PASSED
(20)	.capture_period <Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED

(21)	.sort_method	PASSED
	<Data>	
	<Enum Value="01" />	
	</Data>	
(22)	.sort_object	PASSED
	<Data>	
	<Structure Qty="0004" >	
	<LongUnsigned Value="0008" />	
	<OctetString Value="0000010000FF" />	
	<Integer Value="02" />	
	<LongUnsigned Value="0000" />	
	</Structure>	
	</Data>	
(23)	.entries_in_use	PASSED
	<Data>	
	<DoubleLongUnsigned Value="0000000B" />	
	</Data>	
(24)	.profile_entries	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000064" />	
	</Data>	
Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)		
(25)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0004180500FF" />	
	</Data>	
(26)	.buffer	PASSED
	Earliest date: 31-MAY-2018 23:57:52, latest date: 01-JAN-2019 00:25:43	
	Middle date: 01-JAN-2019 00:17:54	
(27)	.capture_objects	PASSED
	<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="0004600B04FF" />	
	<Integer Value="02" />	
	<LongUnsigned Value="0000" />	
	</Structure>	
	</Array>	
	</Data>	
(28)	.capture_period	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000000" />	
	</Data>	
(29)	.sort_method	PASSED
	<Data>	
	<Enum Value="01" />	
	</Data>	
(30)	.sort_object	PASSED
	<Data>	
	<Structure Qty="0004" >	
	<LongUnsigned Value="0008" />	
	<OctetString Value="0000010000FF" />	
	<Integer Value="02" />	
	<LongUnsigned Value="0000" />	
	</Structure>	
	</Data>	
(31)	.entries_in_use	PASSED
	<Data>	
	<DoubleLongUnsigned Value="0000000B" />	
	</Data>	
(32)	.profile_entries	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000064" />	
	</Data>	

```

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)
(33) .logical_name PASSED
    <Data>
    <OctetString Value="0000636203FF" />
    </Data>
(34) .buffer PASSED
    Earliest date: 31-MAY-2018 18:32:05, latest date: 07-MAR-2019 16:47:44
    Middle date: 07-MAR-2019 15:34:48
(35) .capture_objects PASSED
    <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>
(36) .capture_period PASSED
    <Data>
    <DoubleLongUnsigned Value="00000000" />
    </Data>
(37) .sort_method PASSED
    <Data>
    <Enum Value="01" />
    </Data>
(38) .sort_object PASSED
    <Data>
    <Structure Qty="0004" >
    <LongUnsigned Value="0008" />
    <OctetString Value="0000010000FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
    </Structure>
    </Data>
(39) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned Value="0000001D" />
    </Data>
(40) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned Value="00000064" />
    </Data>

*****
Test Case 17 : Ext. M - M-Bus Disconnect, 22 item(s)
*****

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="0001180400FF" />
    </Data>
(2) .output_state PASSED
    <Data>
    <Boolean Value="01" />
    </Data>
(3) .control_state PASSED
    <Data>
    <Enum Value="01" />
    </Data>
(4) .control_mode PASSED
    <Data>
    <Enum Value="06" />
    </Data>

```

<i>Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)</i>		
(5) .logical_name	PASSED	
<pre> &lt;Data&gt;   &lt;OctetString Value="0002180400FF" /&gt; &lt;/Data&gt; </pre>		
(6) .output_state	PASSED	
<pre> &lt;Data&gt;   &lt;Boolean Value="01" /&gt; &lt;/Data&gt; </pre>		
(7) .control_state	PASSED	
<pre> &lt;Data&gt;   &lt;Enum Value="01" /&gt; &lt;/Data&gt; </pre>		
(8) .control_mode	PASSED	
<pre> &lt;Data&gt;   &lt;Enum Value="06" /&gt; &lt;/Data&gt; </pre>		
<i>Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)</i>		
(9) .logical_name	PASSED	
<pre> &lt;Data&gt;   &lt;OctetString Value="0003180400FF" /&gt; &lt;/Data&gt; </pre>		
(10) .output_state	PASSED	
<pre> &lt;Data&gt;   &lt;Boolean Value="01" /&gt; &lt;/Data&gt; </pre>		
(11) .control_state	PASSED	
<pre> &lt;Data&gt;   &lt;Enum Value="01" /&gt; &lt;/Data&gt; </pre>		
(12) .control_mode	PASSED	
<pre> &lt;Data&gt;   &lt;Enum Value="06" /&gt; &lt;/Data&gt; </pre>		
<i>Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)</i>		
(13) .logical_name	PASSED	
<pre> &lt;Data&gt;   &lt;OctetString Value="0004180400FF" /&gt; &lt;/Data&gt; </pre>		
(14) .output_state	PASSED	
<pre> &lt;Data&gt;   &lt;Boolean Value="01" /&gt; &lt;/Data&gt; </pre>		
(15) .control_state	PASSED	
<pre> &lt;Data&gt;   &lt;Enum Value="01" /&gt; &lt;/Data&gt; </pre>		
(16) .control_mode	PASSED	
<pre> &lt;Data&gt;   &lt;Enum Value="06" /&gt; &lt;/Data&gt; </pre>		
<i>Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)</i>		
(17) .logical_name	PASSED	
<pre> &lt;Data&gt;   &lt;OctetString Value="00010F0001FF" /&gt; &lt;/Data&gt; </pre>		
(18) .executed_script	PASSED	
<pre> &lt;Data&gt;   &lt;Structure Qty="0002" &gt;     &lt;OctetString Value="00010A006AFF" /&gt;     &lt;LongUnsigned Value="0001" /&gt;   &lt;/Structure&gt; &lt;/Data&gt; </pre>		
(19) .type	PASSED	
<pre> &lt;Data&gt;   &lt;Enum Value="01" /&gt; &lt;/Data&gt; </pre>		
(20) .execution_time	PASSED	
<pre> &lt;Data&gt;   &lt;Array Qty="0001" &gt; </pre>		

```

        <Structure Qty="0002" >
            <OctetString Value="FFFFFFF" />
            <OctetString Value="FFFFFFFF" />
        </Structure>
    </Array>
</Data>

Mngmt Get M-Bus Disconnecter script table 0-1:10.0.106.255 (@1920)
(21) .logical_name PASSED
    <Data>
        <OctetString Value="00010A006AFF" />
    </Data>
(22) .scripts PASSED
    <Data>
        <Array Qty="0010" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0001" />
                <Array Qty="0001" >
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0046" />
                        <OctetString Value="0001180400FF" />
                        <Integer Value="03" />
                        <Enum Value="02" />
                    </Structure>
                </Array>
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0002" />
                <Array Qty="0001" >
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0046" />
                        <OctetString Value="0001180400FF" />
                        <Integer Value="03" />
                        <Enum Value="01" />
                    </Structure>
                </Array>
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0003" />
                <Array Qty="0001" >
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0046" />
                        <OctetString Value="0002180400FF" />
                        <Integer Value="03" />
                        <Enum Value="02" />
                    </Structure>
                </Array>
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <Array Qty="0001" >
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0046" />
                        <OctetString Value="0002180400FF" />
                        <Integer Value="03" />
                        <Enum Value="01" />
                    </Structure>
                </Array>
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0005" />
                <Array Qty="0001" >
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0046" />
                        <OctetString Value="0003180400FF" />
                        <Integer Value="03" />
                        <Enum Value="02" />
                    </Structure>
                </Array>
            </Structure>
        </Array>
    </Data>

```

```

</Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0006" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0003180400FF" />
      <Integer Value="03" />
      <Enum Value="01" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0007" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0004180400FF" />
      <Integer Value="03" />
      <Enum Value="02" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0008" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0004180400FF" />
      <Integer Value="03" />
      <Enum Value="01" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0009" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0001180400FF" />
      <Integer Value="01" />
      <Enum Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="000A" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0001180400FF" />
      <Integer Value="02" />
      <Enum Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="000B" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0002180400FF" />
      <Integer Value="01" />
      <Enum Value="00" />
    </Structure>
  </Array>

```

```

</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="000C" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0002180400FF" />
      <Integer Value="02" />
      <Enum Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="000D" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0003180400FF" />
      <Integer Value="01" />
      <Enum Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="000E" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0003180400FF" />
      <Integer Value="02" />
      <Enum Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="000F" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0004180400FF" />
      <Integer Value="01" />
      <Enum Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0010" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0004180400FF" />
      <Integer Value="02" />
      <Enum Value="00" />
    </Structure>
  </Array>
</Structure>
</Array>
</Data>

```

```

*****
Test Case 18 : FIT Push, 3 item(s)
*****

```

(1) Push on installation	PASSED
(2) Push on alarm	PASSED
(3) Push on power down	
INAPPLICABLE	
Push setup on power down not available	



```

*****
Test Case 19 : FIT Miscellaneous, 4 item(s)
*****
(1) Disconnecter Script Table                                     PASSED
(2) Load profile with period 1 DST ambiguity                   PASSED
(3) Load profile power down withing one period                 PASSED
(4) Load profile power down over two periods                   PASSED

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

//*****
// * CTI IM350 *
// * *
// * *
// * *
// * *
//*****

// Conformance Test Information (CTI)

Manufacturer = {
  Name = '\Smart Metering Solutions(Changsha) Co., Ltd.'
  ThreeLettersId = '\SMS'
}

DeviceUnderTest = {
  Type = 'IM350'
  IDISDeviceType = 103
  IDISFunctionType = [Extension_D, Extension_L, Extension_M]
  SerialNr = 03487029
  IPVersion = IPv6
  DataLinkLayer = G3
  ConsumerInformationPush = FALSE
  EUI64Address = "386E21FFFE353535"

  SMSSupported = FALSE
  ClipCallSupported = FALSE
}

TestOptions = {
  //DUTelNr = '+41419536544'
  //DUTIPAddress = '10.0.0.0'
  PushDestination = '\[fe80:0:0:0:781d:ff:fe00:0]:61616'
}

ObjectModel = {
  // Optional objects implemented
  OptionalObjects = ''

  //Class 91 attribute 5.
  InstanceExtraInfo = {
    // G3-PLC MAC Setup (1277)
    LogicalName = '0-0:29.1.0.255'
    ClassId = 91
    AttributeExtraInfo = {
      //mac_key_table
      AttributeId = 5
      SetData = '\<Data>'
+      <Array Qty="01" >'
+      <Structure Qty="02" >'
+      <Unsigned Value="00" />'
+      <OctetString Value="00112233445566778899AABBCCDDEEFF" />'
+      </Structure>'
+      </Array>'
+      </Data>'
    }
  }
}

// Set value for Consumer Message Text

```

```

InstanceExtraInfo = {
  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" />'
+   <Unsigned Value="02" />'
+   </Structure>'
+   <Structure Qty="03" >'
+   <LongUnsigned Value="0001" />'
+   <OctetString Value="FFFF0106FF" />'
+   <Unsigned Value="02" />'
+   </Structure>'
+   <Structure Qty="03" >'
+   <LongUnsigned Value="0001" />'
+   <OctetString Value="FFFF0107FF" />'
+   <Unsigned Value="02" />'
+   </Structure>'
+   <Structure Qty="03" >'
+   <LongUnsigned Value="0001" />'
+   <OctetString Value="FFFF0108FF" />'
+   <Unsigned Value="02" />'
+   </Structure>'
+   <Structure Qty="03" >'
+   <LongUnsigned Value="0001" />'
+   <OctetString Value="FFFF0109FF" />'
+   <Unsigned Value="02" />'
+   </Structure>'
+   <Structure Qty="03" >'
+   <LongUnsigned Value="0001" />'
+   <OctetString Value="FFFF010AFF" />'
+   <Unsigned Value="02" />'
+   </Structure>'
+   <Structure Qty="03" >'
+   <LongUnsigned Value="0001" />'
+   <OctetString Value="FFFF0201FF" />'
+   <Unsigned Value="02" />'
+   </Structure>'
+   <Structure Qty="03" >'

```

```

+'          <LongUnsigned Value="0001" />'
+'          <OctetString Value="FFFF0202FF" />'
+'          <Unsigned Value="02" />'
+'        </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0001" />'
+'        <OctetString Value="FFFF0203FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned Value="0001" />'
+'      <OctetString Value="FFFF0204FF" />'
+'      <Unsigned Value="02" />'
+'    </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0001" />'
+'    <OctetString Value="FFFF0205FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0206FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0207FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0208FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0209FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF020AFF" />'
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+' </Structure>'
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+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0301FF" />'
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+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0302FF" />'
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+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0303FF" />'
+'   <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>'
+'          <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>'
    }
  }

InstanceExtraInfo = {
  // YYYY MM DD DW HH MM SS
  LogicalName = '0-0:1.0.0.255'
  ClassId = 8
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><OctetString Value="07E3030704110000FF8000FF" /></Data>'
  }
}

TestParameters = {
  ConnectDisconnectDelay = 5000
  ClientSystemTitle = '58585A0102030405'

  ImageTransfer = {
    ImageIdentifier = '\WSE12000aMeter350V1.2---0002'
    ImageFileName = '\WSE350EN04020091.bin'
    Timeout = 180000
  }

  PushTimeout = 60000
  MinInterWPDUFramesDelay = 500
  ProfilePeriodsQty = 10
  CaptureDelay = 15000
  ClipCallDuration = 20000

  AutoConnect = {
    Repetitions = 0
    RepetitionDelay = 0
  }

  PushSetup = {
    NumberOfRetries = 1
    RepetitionDelay = 30
  }

  WakeUpDelay = 30000
  DisconnectToSendSMSDelay = 10000
  DataNotificationToDisconnectDelay = 4000
}

RemoteSecurityElements = {
  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
    ServerMaxReceivePduSize = 1200
    CipheringStyle = GENERAL
}
}

LocalSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES
        MechanismName = LOW_LEVEL_SECURITY
        Policy = NO_SECURITY
        Password = '\12345678'
    }
    PreEstablished = {
        Policy = NO_SECURITY
        ServerMaxReceivePduSize = 1200
        CipheringStyle = GENERAL
    }
}

SMSSecurityElements = {
    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePduSize = 138
        CipheringStyle = GENERAL
    }
}

HDLCProfile = {
    PhysicalLayer = {
        OpeningMode = DIRECT_HDLC
        HdlcBaud = 9600
    }
    DataLinkLayer = {
        InactivityTimeout = 180000
        InterFrameTimeout = 150
        ResponseTimeout = 3000
        DISCToNDMTimeout = 3000
        AddressingSchemes = [FOUR_BYTES_ADDRESSING]
        ServerLowerMACAddress = 17
    }
}

TCPProfile = {
    ServerTCPPort = 4059
    ResponseTimeout = 10000
    ConnectTimeout = 5000
    DisconnectToConnectDelay = 3000
}

G3PLCProfile = {
    ResponseTimeout = 10000
    FrequencyBand = CENELEC_A
    ConnectTimeout = 10000
    UDPPort = 61616
    PSK = "CDA958AF421F1BBA018D10EA133797F1"
}

```

```
// END CTI_Template
```

```
*****  
* Miscellaneous *  
*****
```

```
TestMode:                G3-PLC  
Test Plan Signature:     BFC18D5882976F2087BC007B67CDC246  
Object Model:           IDIS-S02-002 - object model Pack2 Ed2.0 - V2.28 (20170428)-FIT MBUS  
Tests G350 (CorrectedAndValve status)-2017428.xlsx  
DUT system title:       534D536770353535  
Run number:             322
```