

Final Interoperability Test Report

FIT #: **62**
 Date: 23/09/2021
 Location: DNV-GL, Arnhem, Netherlands
 Page 1 of 34

APPLICANT

Company: *XJ Metering Co., Ltd*

Smart Grid Industrial Park, the Crossing of Weiwu and Shangde

Address: Road, Xuchang, Henan, China 461100

DEVICE

Device type	DDZY566-M	
<i>Type indication on MID certificate</i>		<i>MID Certificate No.</i>
DDZY566-M		1475-21
<i>IDIS Specification reference</i>	<i>DNV-gl IDIS Certification run No</i>	<i>Digital signature of the test report.</i>
Package 2 ed. 2.0	1498	5EC300A12E52BC51DCAC28E58356F57D
<i>First certification</i>	<i>IDIS Label</i>	<i>Modular device</i>
<input checked="" type="checkbox"/>	0071	<input type="checkbox"/>
<i>General information about the device</i>		

FIRMWARE VERSIONS TESTED				<i>Final Interoperability Test No. 62</i>
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	\am100-L-A0500202	\am100-N-A0500202		Passed

Honeywell

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #62

Device: XJ Metering DDZY566-M

DNV-GL, Arnhem, Netherlands, 23.09.2021

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FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	\am100-L-A0500202	\am100-N-A0500202		62	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	Passed	
FIT Conformance Test Report		
<pre> ***** IDIS Conformance test report 23-SEP-2021 09:40:26 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels ***** ***** * Identification * ***** Manufacturer = { Name = '\XJ Metering Co.,Ltd' ThreeLettersId = '\XJM' } DeviceUnderTest = { Type = '\DDZY566-M' IDISDeviceType = 102 IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M] SerialNr = 3684408 IPVersion = IPV4 DataLinkLayer = GPRS ConsumerInformationPush = FALSE SMSSupported = FALSE ClipCallSupported = FALSE } Active firmware identifier (1-0:0.2.0.255) = \aM100-L-A0500202 Active firmware identifier 1 (1-1:0.2.0.255) = \aM100-N-A0500202 ***** * Summary * ***** PASSED 266 FAILED 0 DISABLED 0 INAPPLICABLE 9 INCONCLUSIVE 0 FATAL 0 TOTAL 275 ***** </pre>		

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="\00000016" />
 - </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="\00000016" />
 - </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="\3" />
 - </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="\4" />
 - </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="\5" />
 - </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="\6" />
 - </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="\XJM1020703684408" />
</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="\XJM1020703684408" />
      </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="\aM100-L-A0500202" />
  </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="A67678AD" />
  </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)
(5) .logical_name PASSED
  <Data>
    <OctetString value="0101000200FF" />
  </Data>
(6) .value PASSED
  <Data>
    <OctetString value="\aM100-N-A0500202" />
  </Data>

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)
(7) .logical_name PASSED
  <Data>
    <OctetString value="0101000208FF" />
  </Data>
(8) .value PASSED
  <Data>
    <OctetString value="8AA6AA41" />
  </Data>

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="07E50917FF0B0000FF8000FF" />
</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="07E50917040B000000FF8880" />
</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="0002" />
      <OctetString value="FFFF0102FF" />
      <Unsigned value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned value="0003" />
      <OctetString value="FFFF0103FF" />
      <Unsigned value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned value="0004" />
      <OctetString value="FFFF0104FF" />
      <Unsigned value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned value="0005" />
      <OctetString value="FFFF0105FF" />
      <Unsigned value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned value="0006" />
      <OctetString value="FFFF0106FF" />
      <Unsigned value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned value="0007" />
      <OctetString value="FFFF0107FF" />
      <Unsigned value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned value="0008" />
      <OctetString value="FFFF0108FF" />
      <Unsigned value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned value="0009" />
      <OctetString value="FFFF0109FF" />
      <Unsigned value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned value="000A" />
      <OctetString value="FFFF010AFF" />
      <Unsigned value="02" />
    </Structure>
  </Array>
</Data>
```

```

    <LongUnsigned Value="000B" />
    <OctetString Value="FFFF0201FF" />
    <Unsigned Value="02" />
  </Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0010" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0011" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0013" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0014" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0015" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0016" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0017" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0018" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0019" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001A" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001B" />

```

```

    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001C" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001D" />
    <OctetString Value="FFFF0309FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001E" />
    <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="0002" />
        <OctetString Value="FFFF0102FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0003" />
        <OctetString Value="FFFF0103FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0004" />
        <OctetString Value="FFFF0104FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0005" />
        <OctetString Value="FFFF0105FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0006" />
        <OctetString Value="FFFF0106FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0007" />
        <OctetString Value="FFFF0107FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0008" />
        <OctetString Value="FFFF0108FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0009" />
        <OctetString Value="FFFF0109FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="000A" />
        <OctetString Value="FFFF010AFF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="000B" />

```



```

    <OctetString value="FFFF0201FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="000C" />
    <OctetString value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000D" />
    <OctetString value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="000E" />
    <OctetString value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="000F" />
    <OctetString value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString value="FFFF0206FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString value="FFFF0207FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="0012" />
    <OctetString value="FFFF0208FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0013" />
    <OctetString value="FFFF0209FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0014" />
    <OctetString value="FFFF020AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="0015" />
    <OctetString value="FFFF0301FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0016" />
    <OctetString value="FFFF0302FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0017" />
    <OctetString value="FFFF0303FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="0018" />
    <OctetString value="FFFF0304FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0019" />
    <OctetString value="FFFF0305FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001A" />
    <OctetString value="FFFF0306FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="001B" />
    <OctetString value="FFFF0307FF" />
  </Structure>

```

```

    <Unsigned Value="02" />
  </Structure>
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001C" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001D" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001E" />
  <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: 17-SEP-2021 10:30:07, latest date: 23-SEP-2021 09:00:00
  Middle date: 20-SEP-2021 06:00:00
(3) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="0000004E" />
  </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: 17-SEP-2021 10:07:08, latest date: 30-OCT-2022 03:15:16
  Middle date: 30-OCT-2022 02:14:50
(7) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="0000003D" />
  </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: 21-JUL-2020 05:27:40, latest date: 15-JUN-2022 03:19:22
  Middle date: 04-AUG-2021 11:20:49
(11) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="000000AC" />
  </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

```

<p>Earliest date: 21-JUL-2021 10:58:05, latest date: 23-SEP-2021 08:57:00 Middle date: 17-SEP-2021 09:19:46</p>	
(15) .entries_in_use	PASSED
<pre> <Data> <DoubleLongUnsigned value="00000021" /> </Data> </pre>	
(16) .profile_entries	PASSED
<pre> <Data> <DoubleLongUnsigned value="000000c8" /> </Data> </pre>	
<p>Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)</p>	
(17) .logical_name	PASSED
<pre> <Data> <OctetString value="0000636204FF" /> </Data> </pre>	
(18) .buffer	PASSED
<p>Earliest date: 29-NOV-2017 07:27:34, latest date: 21-JUL-2021 13:19:32 Middle date: 21-JUL-2021 11:32:36</p>	
(19) .entries_in_use	PASSED
<pre> <Data> <DoubleLongUnsigned value="00000006" /> </Data> </pre>	
(20) .profile_entries	PASSED
<pre> <Data> <DoubleLongUnsigned value="000000c8" /> </Data> </pre>	
<p>***** Test Case 11 : Reading Data of Billing Period 1, 8 item(s) *****</p>	
<p>Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)</p>	
(1) .logical_name	PASSED
<pre> <Data> <OctetString value="0000620100FF" /> </Data> </pre>	
(2) .buffer	PASSED
<p>Earliest date: 02-AUG-2021 00:00:00, latest date: 02-NOV-2022 00:00:00 Middle date: 02-JAN-2022 00:00:00</p>	
(3) .capture_objects	PASSED
<pre> <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> </pre>	
(4) .capture_period	PASSED
<pre> <Data> <DoubleLongUnsigned value="00000000" /> </Data> </pre>	
(5) .sort_method	PASSED
<pre> <Data> </pre>	

<pre> <Enum value="01" /> </Data> (6) .sort_object <Data> <Structure Qty="0004" > <LongUnsigned value="0008" /> <OctetString value="0000010000FF" /> <Integer value="02" /> <LongUnsigned value="0000" /> </Structure> </Data> (7) .entries_in_use <Data> <DoubleLongUnsigned value="0000000E" /> </Data> (8) .profile_entries <Data> <DoubleLongUnsigned value="00000018" /> </Data> </pre>	PASSED
<pre> ***** Test Case 12 : Ext. M - M-Bus Setup LGZ G350, 52 item(s) ***** </pre>	
<pre> Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566) (1) .logical_name <Data> <OctetString value="0000180600FF" /> </Data> (2) .comm_speed <Data> <Enum value="03" /> </Data> </pre>	PASSED
<pre> Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570) (3) .logical_name INAPPLICABLE optional object is not implemented (4) .comm_speed INAPPLICABLE optional object is not implemented </pre>	
<pre> Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574) (5) .logical_name <Data> <OctetString value="0001180100FF" /> </Data> (6) .mbus_port_reference <Data> <OctetString value="0000180600FF" /> </Data> (7) .capture_definition <Data> <Array Qty="0004" > <Structure Qty="0002" > <OctetString value="\L" /> <OctetString value="933A" /> </Structure> <Structure Qty="0002" > <OctetString value="8940" /> <OctetString value="FD1A" /> </Structure> <Structure Qty="0002" > <OctetString value="" /> <OctetString value="" /> </Structure> <Structure Qty="0002" > <OctetString value="" /> <OctetString value="" /> </Structure> </Array> </Data> (8) .capture_period <Data> <DoubleLongUnsigned value="00000E10" /> </Data> (9) .primary_address <Data> <Unsigned value="01" /> </Data> (10) .identification_number </pre>	PASSED

	<Data> <DoubleLongUnsigned value="00047BB1" /> </Data>	
(11)	.manufacturer_id	PASSED
	<Data> <LongUnsigned value="19AC" /> </Data>	
(12)	.version	PASSED
	<Data> <Unsigned value="02" /> </Data>	
(13)	.device_type	PASSED
	<Data> <Unsigned value="03" /> </Data>	
(14)	.access_number	PASSED
	<Data> <Unsigned value="00" /> </Data>	
(15)	.status	PASSED
	<Data> <Unsigned value="00" /> </Data>	
(16)	.alarm	PASSED
	<Data> <Unsigned value="00" /> </Data>	
Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596)		
(17)	.logical_name	PASSED
	<Data> <OctetString value="0002180100FF" /> </Data>	
(18)	.mbus_port_reference	PASSED
	<Data> <OctetString value="0000180600FF" /> </Data>	
(19)	.capture_definition	PASSED
	<Data> <Array Qty="0004" > <Structure Qty="0002" > <OctetString value="\L" /> <OctetString value="933A" /> </Structure> <Structure Qty="0002" > <OctetString value="8940" /> <OctetString value="FD1A" /> </Structure> <Structure Qty="0002" > <OctetString value="" /> <OctetString value="" /> </Structure> <Structure Qty="0002" > <OctetString value="" /> <OctetString value="" /> </Structure> </Array> </Data>	
(20)	.capture_period	PASSED
	<Data> <DoubleLongUnsigned value="00000E10" /> </Data>	
(21)	.primary_address	PASSED
	<Data> <Unsigned value="02" /> </Data>	
(22)	.identification_number	PASSED
	<Data> <DoubleLongUnsigned value="00047BB2" /> </Data>	
(23)	.manufacturer_id	PASSED
	<Data> <LongUnsigned value="19AC" /> </Data>	
(24)	.version	PASSED
	<Data> <Unsigned value="02" /> </Data>	
(25)	.device_type	PASSED
	<Data> <Unsigned value="03" /> </Data>	

<code></Data></code>	
(26) .access_number	PASSED
<code><Data></code>	
<code><Unsigned value="00" /></code>	
<code></Data></code>	
(27) .status	PASSED
<code><Data></code>	
<code><Unsigned value="00" /></code>	
<code></Data></code>	
(28) .alarm	PASSED
<code><Data></code>	
<code><Unsigned value="00" /></code>	
<code></Data></code>	
Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)	
(29) .logical_name	PASSED
<code><Data></code>	
<code><OctetString value="0003180100FF" /></code>	
<code></Data></code>	
(30) .mbus_port_reference	PASSED
<code><Data></code>	
<code><OctetString value="0000180600FF" /></code>	
<code></Data></code>	
(31) .capture_definition	PASSED
<code><Data></code>	
<code><Array Qty="0004" ></code>	
<code><Structure Qty="0002" ></code>	
<code><OctetString value="\L" /></code>	
<code><OctetString value="933A" /></code>	
<code></Structure></code>	
<code><Structure Qty="0002" ></code>	
<code><OctetString value="8940" /></code>	
<code><OctetString value="FD1A" /></code>	
<code></Structure></code>	
<code><Structure Qty="0002" ></code>	
<code><OctetString value="" /></code>	
<code><OctetString value="" /></code>	
<code></Structure></code>	
<code><Structure Qty="0002" ></code>	
<code><OctetString value="" /></code>	
<code><OctetString value="" /></code>	
<code></Structure></code>	
<code></Array></code>	
<code></Data></code>	
(32) .capture_period	PASSED
<code><Data></code>	
<code><DoubleLongUnsigned value="00000E10" /></code>	
<code></Data></code>	
(33) .primary_address	PASSED
<code><Data></code>	
<code><Unsigned value="03" /></code>	
<code></Data></code>	
(34) .identification_number	PASSED
<code><Data></code>	
<code><DoubleLongUnsigned value="00047BB4" /></code>	
<code></Data></code>	
(35) .manufacturer_id	PASSED
<code><Data></code>	
<code><LongUnsigned value="19AC" /></code>	
<code></Data></code>	
(36) .version	PASSED
<code><Data></code>	
<code><Unsigned value="02" /></code>	
<code></Data></code>	
(37) .device_type	PASSED
<code><Data></code>	
<code><Unsigned value="03" /></code>	
<code></Data></code>	
(38) .access_number	PASSED
<code><Data></code>	
<code><Unsigned value="00" /></code>	
<code></Data></code>	
(39) .status	PASSED
<code><Data></code>	
<code><Unsigned value="00" /></code>	
<code></Data></code>	
(40) .alarm	PASSED
<code><Data></code>	
<code><Unsigned value="00" /></code>	
<code></Data></code>	

<i>Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)</i>		
(41) .logical_name	PASSED	
<pre> <Data> <OctetString value="0004180100FF" /> </Data> </pre>		
(42) .mbus_port_reference	PASSED	
<pre> <Data> <OctetString value="0000180600FF" /> </Data> </pre>		
(43) .capture_definition	PASSED	
<pre> <Data> <Array Qty="0004" > <Structure Qty="0002" > <OctetString value="\L" /> <OctetString value="933A" /> </Structure> <Structure Qty="0002" > <OctetString value="8940" /> <OctetString value="FD1A" /> </Structure> <Structure Qty="0002" > <OctetString value="" /> <OctetString value="" /> </Structure> <Structure Qty="0002" > <OctetString value="" /> <OctetString value="" /> </Structure> </Array> </Data> </pre>		
(44) .capture_period	PASSED	
<pre> <Data> <DoubleLongUnsigned value="00000E10" /> </Data> </pre>		
(45) .primary_address	PASSED	
<pre> <Data> <Unsigned value="04" /> </Data> </pre>		
(46) .identification_number	PASSED	
<pre> <Data> <DoubleLongUnsigned value="00047BB3" /> </Data> </pre>		
(47) .manufacturer_id	PASSED	
<pre> <Data> <LongUnsigned value="19AC" /> </Data> </pre>		
(48) .version	PASSED	
<pre> <Data> <Unsigned value="02" /> </Data> </pre>		
(49) .device_type	PASSED	
<pre> <Data> <Unsigned value="03" /> </Data> </pre>		
(50) .access_number	PASSED	
<pre> <Data> <Unsigned value="00" /> </Data> </pre>		
(51) .status	PASSED	
<pre> <Data> <Unsigned value="00" /> </Data> </pre>		
(52) .alarm	PASSED	
<pre> <Data> <Unsigned value="00" /> </Data> </pre>		
<pre> ***** Test Case 13 : Ext. M - M-Bus Results uncorrected Vol. & valve, 40 item(s) ***** </pre>		
<i>Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)</i>		
(1) .logical_name	PASSED	
<pre> <Data> <OctetString value="0001180201FF" /> </Data> </pre>		
(2) .value	PASSED	
<pre> <Data> <DoubleLongUnsigned value="00000F3D" /> </Data> </pre>		
(3) .scaler_unit	PASSED	

	<pre> <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data> </pre>	
(4)	.status	PASSED
	<pre> <Data> <Unsigned value="0F" /> </Data> </pre>	
(5)	.capture_time	PASSED
	<pre> <Data> <OctetString value="07E509110509132E00FF8880" /> </Data> </pre>	
	Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)	
(6)	.logical_name	PASSED
	<pre> <Data> <OctetString value="0001180202FF" /> </Data> </pre>	
(7)	.value	PASSED
	<pre> <Data> <DoubleLongUnsigned value="00000001" /> </Data> </pre>	
(8)	.scaler_unit	PASSED
	<pre> <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FF" /> </Structure> </Data> </pre>	
(9)	.status	PASSED
	<pre> <Data> <Unsigned value="04" /> </Data> </pre>	
(10)	.capture_time	PASSED
	<pre> <Data> <OctetString value="07E509110509132E00FF8880" /> </Data> </pre>	
	Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)	
(11)	.logical_name	PASSED
	<pre> <Data> <OctetString value="0002180201FF" /> </Data> </pre>	
(12)	.value	PASSED
	<pre> <Data> <DoubleLongUnsigned value="00000B39" /> </Data> </pre>	
(13)	.scaler_unit	PASSED
	<pre> <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data> </pre>	
(14)	.status	PASSED
	<pre> <Data> <Unsigned value="04" /> </Data> </pre>	
(15)	.capture_time	PASSED
	<pre> <Data> <OctetString value="07E509110509140F00FF8880" /> </Data> </pre>	
	Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)	
(16)	.logical_name	PASSED
	<pre> <Data> <OctetString value="0002180202FF" /> </Data> </pre>	
(17)	.value	PASSED
	<pre> <Data> <DoubleLongUnsigned value="00000001" /> </Data> </pre>	
(18)	.scaler_unit	PASSED
	<pre> <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FF" /> </Structure> </Data> </pre>	

(19) .status	PASSED
<Data>	
<Unsigned value="04" />	
</Data>	
(20) .capture_time	PASSED
<Data>	
<OctetString value="07E509110509140F00FF8880" />	
</Data>	
<i>Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)</i>	
(21) .logical_name	PASSED
<Data>	
<OctetString value="0003180201FF" />	
</Data>	
(22) .value	PASSED
<Data>	
<DoubleLongUnsigned value="00000E2F" />	
</Data>	
(23) .scaler_unit	PASSED
<Data>	
<Structure Qty="0002" >	
<Integer value="FD" />	
<Enum value="0D" />	
</Structure>	
</Data>	
(24) .status	PASSED
<Data>	
<Unsigned value="04" />	
</Data>	
(25) .capture_time	PASSED
<Data>	
<OctetString value="07E509110509141F00FF8880" />	
</Data>	
<i>Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)</i>	
(26) .logical_name	PASSED
<Data>	
<OctetString value="0003180202FF" />	
</Data>	
(27) .value	PASSED
<Data>	
<DoubleLongUnsigned value="00000001" />	
</Data>	
(28) .scaler_unit	PASSED
<Data>	
<Structure Qty="0002" >	
<Integer value="00" />	
<Enum value="FF" />	
</Structure>	
</Data>	
(29) .status	PASSED
<Data>	
<Unsigned value="04" />	
</Data>	
(30) .capture_time	PASSED
<Data>	
<OctetString value="07E509110509141F00FF8880" />	
</Data>	
<i>Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)</i>	
(31) .logical_name	PASSED
<Data>	
<OctetString value="0004180201FF" />	
</Data>	
(32) .value	PASSED
<Data>	
<DoubleLongUnsigned value="00000A7D" />	
</Data>	
(33) .scaler_unit	PASSED
<Data>	
<Structure Qty="0002" >	
<Integer value="FD" />	
<Enum value="0D" />	
</Structure>	
</Data>	
(34) .status	PASSED
<Data>	
<Unsigned value="04" />	
</Data>	
(35) .capture_time	PASSED
<Data>	

```

        <OctetString value="07E509110509143400FF8880" />
    </Data>
Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)
(36) .logical_name PASSED
    <Data>
        <OctetString value="0004180202FF" />
    </Data>
(37) .value PASSED
    <Data>
        <DoubleLongUnsigned value="00000001" />
    </Data>
(38) .scaler_unit PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer value="00" />
            <Enum value="FF" />
        </Structure>
    </Data>
(39) .status PASSED
    <Data>
        <Unsigned value="04" />
    </Data>
(40) .capture_time PASSED
    <Data>
        <OctetString value="07E509110509143400FF8880" />
    </Data>

*****
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) .logical_name PASSED
    <Data>
        <OctetString value="0001600100FF" />
    </Data>
(2) .value PASSED
    <Data>
        <OctetString value="" />
    </Data>

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="" />
    </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="" />
    </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="" />
    </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="" />
    </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="" />
    </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="" />
    </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="" />
    </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: 17-SEP-2021 17:00:00, latest date: 23-SEP-2021 10:00:00
    Middle date: 20-SEP-2021 12:00:00
(3) .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>

```

<pre> </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="00000087" /> </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: 17-SEP-2021 17:00:00, latest date: 23-SEP-2021 10:00:00 Middle date: 20-SEP-2021 12:00:00 (11) .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> (12) .capture_period PASSED <Data> <DoubleLongUnsigned value="00000E10" /> </Data> </pre>	
---	--

(13)	.sort_method	PASSED
	</Data> <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="00000087" /> </Data>	
(16)	.profile_entries	PASSED
	<Data> <DoubleLongUnsigned value="000000F0" /> </Data>	
<i>Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)</i>		
(17)	.logical_name	PASSED
	<Data> <OctetString value="0003180300FF" /> </Data>	
(18)	.buffer	PASSED
	Earliest date: 17-SEP-2021 17:00:00, latest date: 23-SEP-2021 10:00:00 Middle date: 20-SEP-2021 12:00:00	
(19)	.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>	
(20)	.capture_period	PASSED
	<Data> <DoubleLongUnsigned value="00000E10" /> </Data>	
(21)	.sort_method	PASSED
	<Data> <Enum value="01" /> </Data>	
(22)	.sort_object	PASSED

	<pre> <Data> <Structure Qty="0004" > <LongUnsigned value="0008" /> <OctetString value="0000010000FF" /> <Integer value="02" /> <LongUnsigned value="0000" /> </Structure> </Data> </pre>	
(23)	.entries_in_use	PASSED
	<pre> <Data> <DoubleLongUnsigned value="00000087" /> </Data> </pre>	
(24)	.profile_entries	PASSED
	<pre> <Data> <DoubleLongUnsigned value="000000F0" /> </Data> </pre>	
	Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)	
(25)	.logical_name	PASSED
	<pre> <Data> <OctetString value="0004180300FF" /> </Data> </pre>	
(26)	.buffer	PASSED
	<pre> Earliest date: 17-SEP-2021 17:00:00, latest date: 23-SEP-2021 10:00:00 Middle date: 20-SEP-2021 12:00:00 </pre>	
(27)	.capture_objects	PASSED
	<pre> <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> </pre>	
(28)	.capture_period	PASSED
	<pre> <Data> <DoubleLongUnsigned value="00000E10" /> </Data> </pre>	
(29)	.sort_method	PASSED
	<pre> <Data> <Enum value="01" /> </Data> </pre>	
(30)	.sort_object	PASSED
	<pre> <Data> <Structure Qty="0004" > <LongUnsigned value="0008" /> <OctetString value="0000010000FF" /> <Integer value="02" /> <LongUnsigned value="0000" /> </Structure> </pre>	

```

    </Structure>
  </Data>
(31) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned value="00000087" />
  </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: 21-JUL-2020 05:18:23, latest date: 21-JUL-2020 05:22:36
  Middle date: 21-JUL-2020 05:19:42
(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="00000005" />
  </Data>
(8) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned value="000000c8" />
  </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: 21-JUL-2020 05:18:23, latest date: 21-JUL-2020 05:22:36
  Middle date: 21-JUL-2020 05:22:16
(11) .capture_objects PASSED
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned value="0008" />
        <OctetString value="0000010000FF" />
        <Integer value="02" />
      </Structure>
    </Array>
  </Data>

```

	<pre> <LongUnsigned value="0000" /> </Structure> </Array> </Data> (12) .capture_period PASSED <Data> <DoubleLongUnsigned value="00000000" /> </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="00000005" /> </Data> (16) .profile_entries PASSED <Data> <DoubleLongUnsigned value="000000c8" /> </Data> Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963) (17) .logical_name PASSED <Data> <OctetString value="0003180500FF" /> </Data> (18) .buffer PASSED Earliest date: 21-JUL-2020 05:18:24, latest date: 21-JUL-2020 05:22:37 Middle date: 21-JUL-2020 05:19:42 (19) .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="0003600B04FF" /> <Integer value="02" /> <LongUnsigned value="0000" /> </Structure> </Array> </Data> (20) .capture_period PASSED <Data> <DoubleLongUnsigned value="00000000" /> </Data> (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="00000005" /> </Data> </pre>
--	---

<i></Data></i>		
(24)	<i>.profile_entries</i>	PASSED
<i><Data></i>		
<i><DoubleLongUnsigned value="000000c8" /></i>		
<i></Data></i>		
<i>Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)</i>		
(25)	<i>.logical_name</i>	PASSED
<i><Data></i>		
<i><OctetString value="0004180500FF" /></i>		
<i></Data></i>		
(26)	<i>.buffer</i>	PASSED
<i>Earliest date: 21-JUL-2020 05:18:24, latest date: 21-JUL-2020 05:22:37</i>		
<i>Middle date: 21-JUL-2020 05:19:42</i>		
(27)	<i>.capture_objects</i>	PASSED
<i><Data></i>		
<i><Array Qty="0002" ></i>		
<i><Structure Qty="0004" ></i>		
<i><LongUnsigned value="0008" /></i>		
<i><OctetString value="0000010000FF" /></i>		
<i><Integer value="02" /></i>		
<i><LongUnsigned value="0000" /></i>		
<i></Structure></i>		
<i><Structure Qty="0004" ></i>		
<i><LongUnsigned value="0001" /></i>		
<i><OctetString value="0004600B04FF" /></i>		
<i><Integer value="02" /></i>		
<i><LongUnsigned value="0000" /></i>		
<i></Structure></i>		
<i></Array></i>		
<i></Data></i>		
(28)	<i>.capture_period</i>	PASSED
<i><Data></i>		
<i><DoubleLongUnsigned value="00000000" /></i>		
<i></Data></i>		
(29)	<i>.sort_method</i>	PASSED
<i><Data></i>		
<i><Enum value="01" /></i>		
<i></Data></i>		
(30)	<i>.sort_object</i>	PASSED
<i><Data></i>		
<i><Structure Qty="0004" ></i>		
<i><LongUnsigned value="0008" /></i>		
<i><OctetString value="0000010000FF" /></i>		
<i><Integer value="02" /></i>		
<i><LongUnsigned value="0000" /></i>		
<i></Structure></i>		
<i></Data></i>		
(31)	<i>.entries_in_use</i>	PASSED
<i><Data></i>		
<i><DoubleLongUnsigned value="00000005" /></i>		
<i></Data></i>		
(32)	<i>.profile_entries</i>	PASSED
<i><Data></i>		
<i><DoubleLongUnsigned value="000000c8" /></i>		
<i></Data></i>		
<i>Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)</i>		
(33)	<i>.logical_name</i>	PASSED
<i><Data></i>		
<i><OctetString value="0000636203FF" /></i>		
<i></Data></i>		
(34)	<i>.buffer</i>	PASSED
<i>Earliest date: 21-JUL-2020 05:17:38, latest date: 15-JUN-2022 03:19:52</i>		
<i>Middle date: 15-JUN-2022 03:18:41</i>		
(35)	<i>.capture_objects</i>	PASSED
<i><Data></i>		
<i><Array Qty="0002" ></i>		
<i><Structure Qty="0004" ></i>		
<i><LongUnsigned value="0008" /></i>		
<i><OctetString value="0000010000FF" /></i>		
<i><Integer value="02" /></i>		
<i><LongUnsigned value="0000" /></i>		
<i></Structure></i>		
<i><Structure Qty="0004" ></i>		
<i><LongUnsigned value="0001" /></i>		
<i><OctetString value="0000600B03FF" /></i>		
<i><Integer value="02" /></i>		
<i><LongUnsigned value="0000" /></i>		
<i></Structure></i>		
<i></Array></i>		

```

</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="0000002c" />
  </Data>
(40) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned value="000000c8" />
  </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="00" />
  </Data>
(3) .control_state PASSED
  <Data>
    <Enum value="02" />
  </Data>
(4) .control_mode PASSED
  <Data>
    <Enum value="06" />
  </Data>

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(5) .logical_name PASSED
  <Data>
    <OctetString value="0002180400FF" />
  </Data>
(6) .output_state PASSED
  <Data>
    <Boolean value="00" />
  </Data>
(7) .control_state PASSED
  <Data>
    <Enum value="02" />
  </Data>
(8) .control_mode PASSED
  <Data>
    <Enum value="06" />
  </Data>

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(9) .logical_name PASSED
  <Data>
    <OctetString value="0003180400FF" />
  </Data>
(10) .output_state PASSED
  <Data>
    <Boolean value="00" />
  </Data>
(11) .control_state PASSED
  <Data>
    <Enum value="02" />
  </Data>
(12) .control_mode PASSED

```

	<pre> <Data> <Enum value="06" /> </Data> </pre>	
	Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)	
(13)	.logical_name	PASSED
	<pre> <Data> <OctetString value="0004180400FF" /> </Data> </pre>	
(14)	.output_state	PASSED
	<pre> <Data> <Boolean value="00" /> </Data> </pre>	
(15)	.control_state	PASSED
	<pre> <Data> <Enum value="02" /> </Data> </pre>	
(16)	.control_mode	PASSED
	<pre> <Data> <Enum value="06" /> </Data> </pre>	
	Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)	
(17)	.logical_name	PASSED
	<pre> <Data> <OctetString value="00010F0001FF" /> </Data> </pre>	
(18)	.executed_script	PASSED
	<pre> <Data> <Structure Qty="0002" > <OctetString value="00010A006AFF" /> <LongUnsigned value="0001" /> </Structure> </Data> </pre>	
(19)	.type	PASSED
	<pre> <Data> <Enum value="01" /> </Data> </pre>	
(20)	.execution_time	PASSED
	<pre> <Data> <Array Qty="0001" > <Structure Qty="0002" > <OctetString value="FFFFFFFF" /> <OctetString value="FFFFFFFFFF" /> </Structure> </Array> </Data> </pre>	
	Mngmt Get M-Bus Disconnect script table 0-1:10.0.106.255 (@1920)	
(21)	.logical_name	PASSED
	<pre> <Data> <OctetString value="00010A006AFF" /> </Data> </pre>	
(22)	.scripts	PASSED
	<pre> <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> </Array> </Data> </pre>	

```

<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>
<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>

```

```

</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 Wake up, 2 item(s)
*****
    (1) wake up with clip call from unknown number
INAPPLICABLE
    clip call not supported
    (2) wake up with SMS from unknown number
INAPPLICABLE
    SMS not supported

*****
Test Case 19 : FIT Push, 3 item(s)
*****
    (1) Push on installation
    (2) Push on alarm
    (3) Push on power down
INAPPLICABLE
    Push setup on power down not available
    PASSED
    PASSED

*****
Test Case 20 : FIT Miscellaneous, 4 item(s)
*****
    (1) Disconnecter Script Table
    (2) Load profile with period 1 DST ambiguity
    (3) Load profile power down withing one period
    (4) Load profile power down over two periods
    PASSED
    PASSED
    PASSED
    PASSED

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

// Conformance Test Information (CTI) Template
// 2.3

Manufacturer = {
    Name = '\XJ Metering Co.,Ltd'
    ThreeLettersId = '\XJM'
}

DeviceUnderTest = {
    Type = '\DDZY566-M'
    IDISDeviceType = 102
    IDISFunctionType = [Extension_D,Extension_L,Extension_M]
    SerialNr = 03684408
    IPVersion = IPv4
    DataLinkLayer = GPRS
    ConsumerInformationPush = FALSE
    SMSSupported = FALSE
    ClipCallSupported = FALSE
}

TestOptions = {
    DUTTelNr = '\+31658021896'
}

ObjectModel = {
// Optional objects implemented
OptionalObjects = '\
+ '1-1:0.2.0.255|1,' // Active firmware identifier 1 (@420)
+ '1-1:0.2.8.255|1,' // Active firmware signature 1 (@424)
+ '1-0:6.8.1.255|3' // Reactive energy (QII) rate 1 (@630)

InstanceExtraInfo = {
// Activity Calendar (@112)
LogicalName = '0-0:13.0.0.255'
ClassId = 20
MethodExtraInfo = {
// activate_passive_calendar
MethodId = 1
AccessRights = [ACTION]
}
}
}

```

```

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 = {
  LogicalName = '0-0:1.0.0.255'
  ClassId = 8
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><OctetString value="07E50917FF0B0000FF8000FF" /></Data>' // yyyy mm
dd dow hh mm ss
  }
}

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="0002" />'
+ '        <OctetString value="FFFF0102FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0003" />'
+ '        <OctetString value="FFFF0103FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0004" />'
+ '        <OctetString value="FFFF0104FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0005" />'
+ '        <OctetString value="FFFF0105FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0006" />'
+ '        <OctetString value="FFFF0106FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0007" />'
+ '        <OctetString value="FFFF0107FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0008" />'
+ '        <OctetString value="FFFF0108FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0009" />'
+ '        <OctetString value="FFFF0109FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="000A" />'
+ '        <OctetString value="FFFF010AFF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="000B" />'
  }
}

```

```

+'      <OctetString value="FFFF0201FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="000C" />'
+'      <OctetString value="FFFF0202FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="000D" />'
+'      <OctetString value="FFFF0203FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="000E" />'
+'      <OctetString value="FFFF0204FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="000F" />'
+'      <OctetString value="FFFF0205FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0010" />'
+'      <OctetString value="FFFF0206FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0011" />'
+'      <OctetString value="FFFF0207FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0012" />'
+'      <OctetString value="FFFF0208FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0013" />'
+'      <OctetString value="FFFF0209FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0014" />'
+'      <OctetString value="FFFF020AFF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0015" />'
+'      <OctetString value="FFFF0301FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0016" />'
+'      <OctetString value="FFFF0302FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0017" />'
+'      <OctetString value="FFFF0303FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0018" />'
+'      <OctetString value="FFFF0304FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="0019" />'
+'      <OctetString value="FFFF0305FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="001A" />'
+'      <OctetString value="FFFF0306FF" />'
+'      <Unsigned value="02" />'
+'    </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned value="001B" />'
+'      <OctetString value="FFFF0307FF" />'

```



```

+'          <Unsigned Value="02" />'
+'          </Structure>'
+'          <Structure Qty="03" >'
+'            <LongUnsigned Value="001C" />'
+'            <OctetString Value="FFFF0308FF" />'
+'            <Unsigned Value="02" />'
+'          </Structure>'
+'          <Structure Qty="03" >'
+'            <LongUnsigned Value="001D" />'
+'            <OctetString Value="FFFF0309FF" />'
+'            <Unsigned Value="02" />'
+'          </Structure>'
+'          <Structure Qty="03" >'
+'            <LongUnsigned Value="001E" />'
+'            <OctetString Value="FFFF030AFF" />'
+'            <Unsigned Value="02" />'
+'          </Structure>'
+'        </Array>'
+'      </Data>'
+'    }
+'  }
}

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

  ImageTransfer = {
    ImageIdentifier = '\XUJIDQ--am100(M1)V3.0---0001'
    ImageFileName = '\DDZY566-M(firmware for image transfer test).bin'
    Timeout = 300000
  }

  PushTimeout = 180000
  MinInterWPDUFramesDelay = 500
  ProfilePeriodsQty = 6
  CaptureDelay = 15000
  ClipCallDuration = 12000

  AutoConnect = {
    Repetitions = 0
    RepetitionDelay = 0
  }

  PushSetup = {
    NumberOfRetries = 0
    RepetitionDelay = 0
  }

  WakeUpDelay = 10000
  DisconnectToSendsMSDelay = 10000
  DataNotificationToDisconnectDelay = 10000
}

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
    ServerMaxReceivePduSize = 1224
    CIPHERINGSTYLE = GENERAL
  }
}

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 = 1224
    CipheringStyle = GENERAL
}
}

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

HDLCProfile = {
    PhysicalLayer = {
        OpeningMode = DIRECT_HDLC
        HdLcBaud = 9600
    }
    DataLinkLayer = {
        InactivityTimeout = 10000
        InterFrameTimeout = 400
        ResponseTimeout = 10000
        DISCTONDMTimeout = 180000
        AddressingSchemes = [FOUR_BYTES_ADDRESSING]
        ServerLowerMACAddress = 0x10
        LastRecToNextSendDelay = 0
    }
    UIFrameDelay = 2000
    UIFrameLength = 126
}

TCPProfile = {
    ServerTCPPort = 4059
    ResponseTimeout = 60000
    ConnectTimeout = 30000
    DisconnectToConnectDelay = 5000
}

// Mandatory parameters of the "Remote" G3-PLC profile
G3PLCProfile = {
    FrequencyBand = FCC
    ResponseTimeout = 15000
    UDPPort = 61616
    ConnectTimeout = 10000
    PSK = "0000000000000000059544C50534B0000"
}

// END CTI_Template

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

TestMode: TCP
Test Plan Signature: DACF66B3C5D3456427BD1C6419F470BD
Object Model: IDIS-S02-002 - object model Pack2 Ed2.0 - v2.29 (20200831)-FIT MBUS
Tests G350 (CorrectedAndValve status).x1sx
DUT system title: 584A4D6670383838
Run number: 1498

```