

Final Interoperability Test Report

FIT #: **99**
 Date: 5/25/2023
 Location: DNV-GL, Arnhem, Netherlands
 Page 1 of 49

APPLICANT

Company: Mikroelektronika Cajavec AD

Address: Blagoja Parovica BB, 78000 Banja Luka BA, Bosnia and Hezegovina

DEVICE

Device type	MET600	
<i>Type indication on MID certificate</i>		<i>MID Certificate No.</i>
MET600		21MID004
<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	2119	35944EEE7F5AB07CFDAFA3065BF16B4E
<i>First certification</i>	<i>IDIS Label</i>	<i>Modular device</i>
<input checked="" type="checkbox"/>	0095	<input type="checkbox"/>
<i>General information about the device</i>		

FIRMWARE VERSIONS TESTED

Final Interoperability Test No. 99

Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	\2.0.02.[803F5E00].000000	\6.51.931.[(5.4.[(5.5.2)_(1.0.0)]]_(7.14.0)].98231x/U	\5.0.16.0.[5.0.13.0].982249/C	Passed

Honeywell

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #99

Device: Mikroelektronika MET600 21MID004

DNV-GL, Arnhem, Netherlands, 25.05.2023

Page 2 of 49

FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	\2.0.02.[803F5E00].000000	\6.51.931.[(5.4.[(5.5.2)_(1.0.0)]_(7.14.0)].98231x/U	\5.0.16.0.[5.0.13.0].982249/C	99	Passed

TEST REPORT - Firmware No. 1		
<i>Test</i>	<i>Verdict</i>	<i>Remark</i>
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	Only one M-Bus Master Port in use
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	Power Off Push N/A
FIT Miscellaneous	Passed	
Optical Port Connectivity	Passed	
Consumer Information Interface	Passed	
<i>FIT Conformance Test Report</i>		
<pre> ***** IDIS Conformance test report 23-MAY-2023 12:38:16 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels ***** ***** * Identification * ***** Manufacturer = { Name = '\Mikroelektronika' ThreeLettersId = '\MEL' } DeviceUnderTest = { Type = '\MET600 21MID004' IDISDeviceType = 103 IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M] SerialNr = 12000021 IPVersion = IPV6 DataLinkLayer = G3 EUI64Address = '4D454C6770B71B15' ConsumerInformationPush = TRUE SMSSupported = FALSE ClipCallSupported = FALSE } </pre>		

```

Active firmware identifier (1-0:0.2.0.255) = \2.0.02.[803F5E00].000000
Active firmware identifier 1 (1-1:0.2.0.255) =
\6.51.931.[(5.4.[(5.5.2)_(1.0.0)]_(7.14.0)].98231x/U
Active firmware identifier 2 (1-2:0.2.0.255) = \5.0.16.0.[5.0.13.0].982249/C

*****
* Summary *
*****

PASSED                270
FAILED                0
DISABLED              0
INAPPLICABLE         3
INCONCLUSIVE         0
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="\12000021" />
    </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="4D45543630302D4F4671517A6937372D3030303030300000000000000000" />
    </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="\          " />
    </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="\          " />
    </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="\          " />
    </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="\IDIS2DLM00000000" />
    </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="\MEL1030712000021" />
    </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="\MEL1030712000021" />
            </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="\2.0.02.[803F5E00].000000" />
    </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="27CE447104FF1B3FC6E313BCD3235264AA7494749A06013A5848709910A8F513" />

```

```

    </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="\6.51.931.[(5.4.[(5.5.2)_(1.0.0)]_(7.14.0)].98231x/U" />
    </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="E1C9987D365FBEBFB78CEB34E024FA956CDA49A034AA932575BD78FE76BC369E" />
    </Data>

Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)
(9) .logical_name PASSED
    <Data>
        <OctetString Value="0102000200FF" />
    </Data>
(10) .value PASSED
    <Data>
        <OctetString Value="\5.0.16.0.[5.0.13.0].982249/C" />
    </Data>

Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)
(11) .logical_name PASSED
    <Data>
        <OctetString Value="0102000208FF" />
    </Data>
(12) .value PASSED
    <Data>
        <OctetString
Value="E135D85E4ABBFBCA975E84A0320D3FF398FAE9ED8B2FF7FD703F654B023E53" />
    </Data>

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

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
    <Data>
        <OctetString Value="07E70517FF10000FF8000FF" />
    </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="07E705170210000000FF8880" />
    </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="001E" />
    <OctetString Value="FFFF0101FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001D" />
    <OctetString Value="FFFF0102FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001C" />
    <OctetString Value="FFFF0103FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001B" />
    <OctetString Value="FFFF0104FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001A" />
    <OctetString Value="FFFF0105FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0019" />
    <OctetString Value="FFFF0106FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0018" />
    <OctetString Value="FFFF0107FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0017" />
    <OctetString Value="FFFF0108FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0016" />
    <OctetString Value="FFFF0109FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0015" />
    <OctetString Value="FFFF010AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0014" />
    <OctetString Value="FFFF0201FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0013" />
    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0012" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>

```

```

</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0004" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0003" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0002" />
  <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
    <_Data>
        <Array Qty="001E" >
            <Structure Qty="0003" >
                <LongUnsigned Value="001E" />
                <OctetString Value="FFFF0101FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="001D" />
                <OctetString Value="FFFF0102FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="001C" />
                <OctetString Value="FFFF0103FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="001B" />
                <OctetString Value="FFFF0104FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="001A" />
                <OctetString Value="FFFF0105FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0019" />
                <OctetString Value="FFFF0106FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0018" />
                <OctetString Value="FFFF0107FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0017" />
                <OctetString Value="FFFF0108FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0016" />
                <OctetString Value="FFFF0109FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0015" />
                <OctetString Value="FFFF010AFF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0014" />
                <OctetString Value="FFFF0201FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0013" />
                <OctetString Value="FFFF0202FF" />
                <Unsigned Value="02" />
            </Structure>
        </Array>
    </_Data>

```

PASSED

```

</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0011" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0010" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0004" />

```

```

    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0003" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0002" />
    <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: 23-MAY-2023 12:05:00, latest date: 27-OCT-2024 01:44:55
    Middle date: 27-OCT-2024 01:44:35
(3) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned Value="0000001E" />
    </Data>
(4) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned Value="0000001E" />
    </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: 23-MAY-2023 12:00:00, latest date: 27-OCT-2024 03:15:24
    Middle date: 23-MAY-2023 12:05:36
(7) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned Value="000000C8" />
    </Data>
(8) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned Value="000000C8" />
    </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: 01-JAN-2018 00:00:00, latest date: 23-MAY-2023 16:29:04
    Middle date: 23-MAY-2023 15:47:22
(11) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned Value="00000018" />
    </Data>
(12) .profile_entries PASSED
    <Data>

```

```

        <DoubleLongUnsigned Value="0000001E" />
    </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: 21-SEP-2022 12:26:49, latest date: 23-MAY-2023 16:28:19
    Middle date: 23-MAY-2023 16:07:50
(15) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000055" />
    </Data>
(16) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000064" />
    </Data>

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(17) .logical_name PASSED
    <Data>
        <OctetString Value="0000636204FF" />
    </Data>
(18) .buffer PASSED
    Earliest date: 01-JAN-2018 00:00:00, latest date: 23-MAY-2023 16:40:01
    Middle date: 21-SEP-2022 12:37:37
(19) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000034" />
    </Data>
(20) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000064" />
    </Data>

*****
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 PASSED
    <Data>
        <OctetString Value="0000620100FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 01-NOV-2022 00:00:00, latest date: 01-NOV-2024 00:00:00
    Middle date: 01-MAY-2023 00:00:00
(3) .capture_objects PASSED
    <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" />
            </Structure>
        </Array>
    </Data>

```

```

        <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>
(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="0000000D" />
    </Data>
(8) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000D" />
    </Data>

*****
Test Case 12 : Ext. M - M-Bus Setup LGZ G350, 52 item(s)
*****

Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="0000180600FF" />
    </Data>
(2) .comm_speed PASSED
    <Data>
        <Enum Value="03" />
    </Data>

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

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574)
(5) .logical_name PASSED
    <Data>
        <OctetString Value="0001180100FF" />
    </Data>
(6) .mbus_port_reference PASSED
    <Data>
        <OctetString Value="0000180600FF" />
    </Data>
(7) .capture_definition PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0002" >
                <OctetString Value="\L" />
            </Structure>
        </Array>
    </Data>

```

	<pre> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="8940" /> <OctetString Value="FD1A" /> </Structure> </Array> </Data> (8) .capture_period PASSED <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> (9) .primary_address PASSED <Data> <Unsigned Value="01" /> </Data> (10) .identification_number 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="4E" /> </Data> (15) .status PASSED <Data> <Unsigned Value="04" /> </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="0002" > <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="8940" /> <OctetString Value="FD1A" /> </Structure> </Array> </Data> (20) .capture_period PASSED <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> (21) .primary_address PASSED <Data> </pre>
--	---

	<Unsigned Value="02" /> </Data>	
(22)	.identification_number <Data> <DoubleLongUnsigned Value="00047BB2" /> </Data>	PASSED
(23)	.manufacturer_id <Data> <LongUnsigned Value="19AC" /> </Data>	PASSED
(24)	.version <Data> <Unsigned Value="02" /> </Data>	PASSED
(25)	.device_type <Data> <Unsigned Value="03" /> </Data>	PASSED
(26)	.access_number <Data> <Unsigned Value="9A" /> </Data>	PASSED
(27)	.status <Data> <Unsigned Value="04" /> </Data>	PASSED
(28)	.alarm <Data> <Unsigned Value="00" /> </Data>	PASSED
Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)		
(29)	.logical_name <Data> <OctetString Value="0003180100FF" /> </Data>	PASSED
(30)	.mbus_port_reference <Data> <OctetString Value="0000180600FF" /> </Data>	PASSED
(31)	.capture_definition <Data> <Array Qty="0002" > <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="8940" /> <OctetString Value="FD1A" /> </Structure> </Array> </Data>	PASSED
(32)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(33)	.primary_address <Data> <Unsigned Value="03" /> </Data>	PASSED
(34)	.identification_number <Data> <DoubleLongUnsigned Value="00047BB4" /> </Data>	PASSED
(35)	.manufacturer_id <Data> <LongUnsigned Value="19AC" /> </Data>	PASSED
(36)	.version <Data> <Unsigned Value="02" /> </Data>	PASSED

(37)	.device_type	PASSED
	<Data>	
	<Unsigned Value="03" />	
	</Data>	
(38)	.access_number	PASSED
	<Data>	
	<Unsigned Value="2C" />	
	</Data>	
(39)	.status	PASSED
	<Data>	
	<Unsigned Value="04" />	
	</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
	<Data>	
	<Array Qty="0002" >	
	<Structure Qty="0002" >	
	<OctetString Value="\L" />	
	<OctetString Value="933A" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="8940" />	
	<OctetString Value="FD1A" />	
	</Structure>	
	</Array>	
	</Data>	
(44)	.capture_period	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000E10" />	
	</Data>	
(45)	.primary_address	PASSED
	<Data>	
	<Unsigned Value="04" />	
	</Data>	
(46)	.identification_number	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00047BB3" />	
	</Data>	
(47)	.manufacturer_id	PASSED
	<Data>	
	<LongUnsigned Value="19AC" />	
	</Data>	
(48)	.version	PASSED
	<Data>	
	<Unsigned Value="02" />	
	</Data>	
(49)	.device_type	PASSED
	<Data>	
	<Unsigned Value="03" />	
	</Data>	
(50)	.access_number	PASSED
	<Data>	
	<Unsigned Value="0A" />	
	</Data>	
(51)	.status	PASSED
	<Data>	
	<Unsigned Value="04" />	
	</Data>	
(52)	.alarm	PASSED
	<Data>	


```

        <Unsigned Value="00" />
    </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="00000FB7" />
    </Data>
(3) .scaler_unit                                     PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="0D" />
        </Structure>
    </Data>
(4) .status                                           PASSED
    <Data>
        <Unsigned Value="04" />
    </Data>
(5) .capture_time                                    PASSED
    <Data>
        <OctetString Value="07E705170211000000FF8880" />
    </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="04" />
    </Data>
(10) .capture_time                                    PASSED
    <Data>
        <OctetString Value="07E705170211000000FF8880" />
    </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="00000BCF" />
    </Data>
(13) .scaler_unit                                     PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="0D" />
        </Structure>
    </Data>

```

(14)	.status	PASSED
	<Data>	
	<Unsigned Value="04" />	
	</Data>	
(15)	.capture_time	PASSED
	<Data>	
	<OctetString Value="07E705170211000100FF8880" />	
	</Data>	
Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)		
(16)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0002180202FF" />	
	</Data>	
(17)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000001" />	
	</Data>	
(18)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="00" />	
	<Enum Value="FF" />	
	</Structure>	
	</Data>	
(19)	.status	PASSED
	<Data>	
	<Unsigned Value="04" />	
	</Data>	
(20)	.capture_time	PASSED
	<Data>	
	<OctetString Value="07E705170211000100FF8880" />	
	</Data>	
Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)		
(21)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0003180201FF" />	
	</Data>	
(22)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000EBC" />	
	</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="07E705170211000100FF8880" />	
	</Data>	
Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)		
(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="07E705170211000100FF8880" />
        </Data>

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
(31) .logical_name PASSED
        <Data>
            <OctetString Value="0004180201FF" />
        </Data>
(32) .value PASSED
        <Data>
            <DoubleLongUnsigned Value="00000AF4" />
        </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="07E705170211000200FF8880" />
        </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="07E705170211000200FF8880" />
        </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="\00000540029380911" />

```

```

    </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="\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="" />
    </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: 01-OCT-2022 00:00:00, latest date: 27-OCT-2024 03:00:00
    Middle date: 27-OCT-2024 02:00:00
(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>
(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="00000015" />
    </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: 01-OCT-2022 00:00:00, latest date: 27-OCT-2024 03:00:00	
	Middle date: 27-OCT-2024 02:00:00	
(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>	
(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="00000015" />	
	</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: 01-OCT-2022 00:00:00, latest date: 27-OCT-2024 03:00:00	
	Middle date: 27-OCT-2024 02:00:00	
(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
	<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="00000015" />	
	</Data>	
(24)	.profile_entries	PASSED
	<Data>	
	<DoubleLongUnsigned Value="000000F0" />	
	</Data>	
Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)		
(25)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0004180300FF" />	
	</Data>	
(26)	.buffer	PASSED
	Earliest date: 01-OCT-2022 00:00:00, latest date: 27-OCT-2024 03:00:00	
	Middle date: 27-OCT-2024 02:00:00	
(27)	.capture_objects	PASSED
	<Data>	
	<Array Qty="0006" >	
	<Structure Qty="0004" >	
	<LongUnsigned Value="0008" />	
	<OctetString Value="0000010000FF" />	
	<Integer Value="02" />	
	<LongUnsigned Value="0000" />	
	</Structure>	
	<Structure Qty="0004" >	
	<LongUnsigned Value="0001" />	
	<OctetString Value="0004600A03FF" />	
	<Integer Value="02" />	
	<LongUnsigned Value="0000" />	
	</Structure>	
	<Structure Qty="0004" >	
	<LongUnsigned Value="0004" />	
	<OctetString Value="0004180201FF" />	
	<Integer Value="02" />	
	<LongUnsigned Value="0000" />	
	</Structure>	
	<Structure Qty="0004" >	
	<LongUnsigned Value="0004" />	
	<OctetString Value="0004180202FF" />	
	<Integer Value="02" />	
	<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>	
(28)	.capture_period	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000E10" />	
	</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="00000015" />
        </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: 01-JAN-2018 00:00:00, latest date: 24-APR-2023 14:51:14
        Middle date: 24-APR-2023 14:51:08
(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="00000007" />
        </Data>
(8) .profile_entries                                   PASSED
        <Data>
            <DoubleLongUnsigned Value="0000000A" />
        </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: 01-JAN-2018 00:00:00, latest date: 24-APR-2023 14:51:30

```

Middle date: 24-APR-2023 14:51:24		
(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="00000007" /> </Data>	PASSED
(16)	.profile_entries <Data> <DoubleLongUnsigned Value="0000000A" /> </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: 01-JAN-2018 00:00:00, latest date: 24-APR-2023 14:51:45 Middle date: 24-APR-2023 14:51:39	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="00000007" />	
	</Data>	
(24)	.profile_entries	PASSED
	<Data>	
	<DoubleLongUnsigned Value="0000000A" />	
	</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: 01-JAN-2018 00:00:00, latest date: 24-APR-2023 14:52:30	
	Middle date: 24-APR-2023 14:51:57	
(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="00000007" />	
	</Data>	
(32)	.profile_entries	PASSED
	<Data>	
	<DoubleLongUnsigned Value="0000000A" />	
	</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: 21-SEP-2022 12:38:14, latest date: 23-MAY-2023 09:07:08
    Middle date: 23-MAY-2023 09:07:06
(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="0000000A" />
    </Data>
(40) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned Value="0000000A" />
    </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="05" />
    </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="01" />	
	</Data>	
(7)	.control_state	PASSED
	<Data>	
	<Enum Value="01" />	
	</Data>	
(8)	.control_mode	PASSED
	<Data>	
	<Enum Value="05" />	
	</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="01" />	
	</Data>	
(11)	.control_state	PASSED
	<Data>	
	<Enum Value="01" />	
	</Data>	
(12)	.control_mode	PASSED
	<Data>	
	<Enum Value="05" />	
	</Data>	
Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)		
(13)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0004180400FF" />	
	</Data>	
(14)	.output_state	PASSED
	<Data>	
	<Boolean Value="01" />	
	</Data>	
(15)	.control_state	PASSED
	<Data>	
	<Enum Value="01" />	
	</Data>	
(16)	.control_mode	PASSED
	<Data>	
	<Enum Value="05" />	
	</Data>	
Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)		
(17)	.logical_name	PASSED
	<Data>	
	<OctetString Value="00010F0001FF" />	
	</Data>	
(18)	.executed_script	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<OctetString Value="00010A006AFF" />	
	<LongUnsigned Value="0001" />	
	</Structure>	
	</Data>	
(19)	.type	PASSED
	<Data>	
	<Enum Value="01" />	
	</Data>	
(20)	.execution_time	PASSED
	<Data>	
	<Array Qty="0000" >	

```

        </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>
            <Structure Qty="0002" >
                <LongUnsigned Value="0006" />
            </Structure>
        </Array>
    </_Data>

```

```

<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" />
      <Integer 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" />
      <Integer 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" />
      <Integer 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" />
            <Integer 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" />
            <Integer 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" />
            <Integer 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" />
            <Integer 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" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
</_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 *
*****

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

Manufacturer = {
  Name = '\Mikroelektronika'
  ThreeLettersId = '\MEL'
}

DeviceUnderTest = {

  Type = '\MET600 21MID004'
  IDISDeviceType = 103
  IDISFunctionType = [Extension_D,Extension_L,Extension_M]
  SerialNr = 12000021
  IPVersion = IPv6
  DataLinkLayer = G3
  EUI64Address = "4D454C6770B71B15"
  ConsumerInformationPush = TRUE
  SMSSupported = FALSE
  ClipCallSupported = FALSE
}

TestOptions = {
  PushDestination = '\[fe80:0:0:0:781d:ff:fe00:0]:61616'
}

ObjectModel =
{
  // Optional objects implemented
  OptionalObjects = '\
+ '1-0:0.9.1.255|1,' // Local Time (@86)
+ '1-0:0.9.2.255|1,' // Local Date (@90)
+ '0-2:96.3.10.255|70,' // Load Mgmt - Relay control 2 (@217)
+ '1-1:0.2.0.255|1,' // Active firmware identifier 1 (@420)
+ '1-1:0.2.8.255|1,' // Active firmware signature 1 (@424)
+ '1-2:0.2.0.255|1,' // Active firmware identifier 2 (@428)
+ '1-2:0.2.8.255|1,' // Active firmware signature 2 (@432)
+ '1-0:9.8.0.255|3,' // Apparent energy import (+VA) (QI+QIV) (@497)
+ '1-0:10.8.0.255|3,' // Apparent energy export (-VA) (QII+QIII) (@503)
+ '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@606)
+ '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@612)
+ '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@618)
+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@624)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@630)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@636)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@642)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@648)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@654)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@660)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@666)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@672)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@678)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@684)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@690)
+ '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (@696)
+ '1-0:9.8.1.255|3,' // Apparent energy import (+VA) rate 1 (@702)
+ '1-0:9.8.2.255|3,' // Apparent energy import (+VA) rate 2 (@708)
+ '1-0:9.8.3.255|3,' // Apparent energy import (+VA) rate 3 (@714)
+ '1-0:9.8.4.255|3,' // Apparent energy import (+VA) rate 4 (@720)
+ '1-0:10.8.1.255|3,' // Apparent energy export (-VA) rate 1 (@726)
+ '1-0:10.8.2.255|3,' // Apparent energy export (-VA) rate 2 (@732)
+ '1-0:10.8.3.255|3,' // Apparent energy export (-VA) rate 3 (@738)
+ '1-0:10.8.4.255|3,' // Apparent energy export (-VA) rate 4 (@744)
+ '1-0:15.8.1.255|3,' // Active energy Combined total (|+A|+|-A|) rate 1 (@750)
+ '1-0:15.8.2.255|3,' // Active energy Combined total (|+A|+|-A|) rate 2 (@756)

```

```

+ '1-0:15.8.3.255|3,' // Active energy Combined total (|+A|+|-A|) rate 3 (@762)
+ '1-0:15.8.4.255|3,' // Active energy Combined total (|+A|+|-A|) rate 4 (@768)
+ '1-0:9.4.0.255|5,' // Demand Register 5 - Apparent energy import (+VA) (@827)
+ '1-0:10.4.0.255|5,' // Demand Register 6 - Apparent energy export (-VA) (@840)
+ '1-0:1.5.0.255|4,' // Last Average Demand Register 1 - Active energy import (+A) (@853)
+ '1-0:2.5.0.255|4,' // Last Average Demand Register 2 - Active energy export (-A)
(@861)
+ '1-0:3.5.0.255|4,' // Last Average Demand Register 3 - Reactive energy import (+R)
(@869)
+ '1-0:4.5.0.255|4,' // Last Average Demand Register 4 - Reactive energy export (-R)
(@877)
+ '1-0:9.5.0.255|4,' // Last Average Demand Register 5 - Apparent energy import (+VA)
(@885)
+ '1-0:10.5.0.255|4,' // Last Average Demand Register 6 - Apparent energy export (-VA)
(@893)
+ '1-0:9.6.0.255|4,' // Maximum Demand Register 21 - Apparent energy import (+VA) (@1061)
+ '1-0:9.6.1.255|4,' // Maximum Demand Register 22 - Apparent energy import (+VA) - rate
1 (@1069)
+ '1-0:9.6.2.255|4,' // Maximum Demand Register 23 - Apparent energy import (+VA) - rate
2 (@1077)
+ '1-0:9.6.3.255|4,' // Maximum Demand Register 24 - Apparent energy import (+VA) - rate
3 (@1085)
+ '1-0:9.6.4.255|4,' // Maximum Demand Register 25 - Apparent energy import (+VA) - rate
4 (@1093)
+ '1-0:10.6.0.255|4,' // Maximum Demand Register 26 - Apparent energy export (-VA)
(@1101)
+ '1-0:10.6.1.255|4,' // Maximum Demand Register 27 - Apparent energy export (-VA) - rate
1 (@1109)
+ '1-0:10.6.2.255|4,' // Maximum Demand Register 28 - Apparent energy export (-VA) - rate
2 (@1117)
+ '1-0:10.6.3.255|4,' // Maximum Demand Register 29 - Apparent energy export (-VA) - rate
3 (@1125)
+ '1-0:10.6.4.255|4,' // Maximum Demand Register 30 - Apparent energy export (-VA) - rate
4 (@1133)
+ '1-0:14.7.0.255|3,' // Instantaneous net frequency; any phase (@1450)
+ '1-0:9.7.0.255|3,' // Instantaneous apparent import power (+VA) (@1486)
+ '1-0:10.7.0.255|3,' // Instantaneous apparent export power (-VA) (@1492)
+ '1-0:16.24.0.255|5,' // Average Net Power (|+A|+|-A|) (@1511)
+ '1-0:13.7.0.255|3,' // Instantaneous Power factor (+A/+VA) (@1537)
+ '1-0:13.5.0.255|4,' // Last Average Power factor (+A/+VA) (@1543)
+ '1-0:13.3.0.255|4,' // Minimum Power factor (+A/+VA) (@1551)
+ '1-0:0.8.2.255|3,' // Measurement Period 3 for Instantaneous values (@1559)
+ '0-0:20.0.0.255|19' // IEC local port setup - IEC Optical port (@2001)

InstanceExtraInfo = {
  LogicalName = '0-0:20.0.0.255'
  ClassId = 19
  AttributeExtraInfo = {
    AttributeId = 7
    SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
  }
  AttributeExtraInfo = {
    AttributeId = 8
    SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
  }
  AttributeExtraInfo = {
    AttributeId = 9
    SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
  }
}

InstanceExtraInfo = {
  // Current association (@9)
  LogicalName = '0-0:40.0.0.255'
  ClassId = 15
  AttributeExtraInfo = {
    // authentication_mechanism_name
    AttributeId = 6
    AccessRights = [GET,SET]
  }
  AttributeExtraInfo = {
    // secret
    AttributeId = 7

```

```

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

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

InstanceExtraInfo = {
    // Register activation - Energy (@129)
    LogicalName = '0-0:14.0.1.255'
    ClassId = 6
    AttributeExtraInfo = {
        // register_assignment
        AttributeId = 2
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Register activation - Maximum Demand (@135)
    LogicalName = '0-0:14.0.2.255'
    ClassId = 6
    AttributeExtraInfo = {
        // register_assignment
        AttributeId = 2
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Tariffication script table (@141)
    LogicalName = '0-0:10.0.100.255'
    ClassId = 9
    MethodExtraInfo = {
        // execute
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // End of billing period 1 scheduler (@152)
    LogicalName = '0-0:15.0.0.255'
    ClassId = 22
    AttributeExtraInfo = {
        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Disconnect control scheduler (@170)
    LogicalName = '0-0:15.0.1.255'
    ClassId = 22
    AttributeExtraInfo = {
        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Disconnect Control Log (@193)

```

```

LogicalName = '0-0:99.98.2.255'
ClassId = 7
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Load Mgmt - Relay control 1 (@209)
  LogicalName = '0-1:96.3.10.255'
  ClassId = 70
  AttributeExtraInfo = {
    // control_mode
    AttributeId = 4
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Load Mgmt - Relay control 2 (@217)
  LogicalName = '0-2:96.3.10.255'
  ClassId = 70
  AttributeExtraInfo = {
    // control_mode
    AttributeId = 4
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Limiter (@225)
  LogicalName = '0-0:17.0.0.255'
  ClassId = 71
  AttributeExtraInfo = {
    // actions
    AttributeId = 11
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Standard Event Log (@301)
  LogicalName = '0-0:99.98.0.255'
  ClassId = 7
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Fraud Detection Log (@316)
  LogicalName = '0-0:99.98.1.255'
  ClassId = 7
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Communication Log (@331)
  LogicalName = '0-0:99.98.5.255'
  ClassId = 7
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

```

```

}

InstanceExtraInfo = {
  // Push action scheduler - Consumer Information (@351)
  LogicalName = '0-4:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // executed_script
    AttributeId = 2
    AccessRights = [GET,SET]
  }
  AttributeExtraInfo = {
    // type
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Image transfer (@388)
  LogicalName = '0-0:44.0.0.255'
  ClassId = 18
  AttributeExtraInfo = {
    // image_block_size
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Image transfer activation scheduler (@401)
  LogicalName = '0-0:15.0.2.255'
  ClassId = 22
  AttributeExtraInfo = {
    // executed_script
    AttributeId = 2
    AccessRights = [GET,SET]
  }
  AttributeExtraInfo = {
    // type
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Load profile with period 1 i.e. General Load Profile (@1146)
  LogicalName = '1-0:99.1.0.255'
  ClassId = 7
  AttributeExtraInfo = {
    // profile_entries
    AttributeId = 8
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Load profile with period 2 i.e. Daily Values Profile (@1161)
  LogicalName = '1-0:99.2.0.255'
  ClassId = 7
  AttributeExtraInfo = {
    // profile_entries
    AttributeId = 8
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Power Failure Event Log (@1325)
  LogicalName = '1-0:99.97.0.255'
  ClassId = 7
  AttributeExtraInfo = {
    // capture_objects

```

```

        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Power Quality Log (@1340)
    LogicalName = '0-0:99.98.4.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus client channel 1 (@1574)
    LogicalName = '0-1:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        // capture
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // reset_alarm
        MethodId = 4
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // synchronize_clock
        MethodId = 5
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // data_send
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus client channel 2 (@1596)
    LogicalName = '0-2:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        // capture
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // reset_alarm
        MethodId = 4
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // synchronize_clock
        MethodId = 5
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // data_send
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus client channel 3 (@1618)
    LogicalName = '0-3:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {

```

```

        // capture
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // reset_alarm
        MethodId = 4
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // synchronize_clock
        MethodId = 5
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // data_send
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus client channel 4 (@1640)
    LogicalName = '0-4:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        // capture
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // reset_alarm
        MethodId = 4
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // synchronize_clock
        MethodId = 5
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // data_send
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 1, instance 1 (@1662)
    LogicalName = '0-1:24.2.1.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 1, instance 2 (@1670)
    LogicalName = '0-1:24.2.2.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {

```

```

        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 1, instance 3 (@1678)
    LogicalName = '0-1:24.2.3.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 1, instance 4 (@1686)
    LogicalName = '0-1:24.2.4.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 2, instance 1 (@1694)
    LogicalName = '0-2:24.2.1.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 2, instance 2 (@1702)
    LogicalName = '0-2:24.2.2.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 2, instance 3 (@1710)
    LogicalName = '0-2:24.2.3.255'

```



```

ClassId = 4
  AttributeExtraInfo = {
    // scaler_unit
    AttributeId = 3
    AccessRights = [GET,SET]
  }
  MethodExtraInfo = {
    // reset
    MethodId = 1
    AccessRights = [ACTION]
  }
}

InstanceExtraInfo = {
  // M-Bus Value channel 2, instance 4 (@1718)
  LogicalName = '0-2:24.2.4.255'
  ClassId = 4
  AttributeExtraInfo = {
    // scaler_unit
    AttributeId = 3
    AccessRights = [GET,SET]
  }
  MethodExtraInfo = {
    // reset
    MethodId = 1
    AccessRights = [ACTION]
  }
}

InstanceExtraInfo = {
  // M-Bus Value channel 3, instance 1 (@1726)
  LogicalName = '0-3:24.2.1.255'
  ClassId = 4
  AttributeExtraInfo = {
    // scaler_unit
    AttributeId = 3
    AccessRights = [GET,SET]
  }
  MethodExtraInfo = {
    // reset
    MethodId = 1
    AccessRights = [ACTION]
  }
}

InstanceExtraInfo = {
  // M-Bus Value channel 3, instance 2 (@1734)
  LogicalName = '0-3:24.2.2.255'
  ClassId = 4
  AttributeExtraInfo = {
    // scaler_unit
    AttributeId = 3
    AccessRights = [GET,SET]
  }
  MethodExtraInfo = {
    // reset
    MethodId = 1
    AccessRights = [ACTION]
  }
}

InstanceExtraInfo = {
  // M-Bus Value channel 3, instance 3 (@1742)
  LogicalName = '0-3:24.2.3.255'
  ClassId = 4
  AttributeExtraInfo = {
    // scaler_unit
    AttributeId = 3
    AccessRights = [GET,SET]
  }
  MethodExtraInfo = {
    // reset
    MethodId = 1

```

```

        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 3, instance 4 (@1750)
    LogicalName = '0-3:24.2.4.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 4, instance 1 (@1758)
    LogicalName = '0-4:24.2.1.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 4, instance 2 (@1766)
    LogicalName = '0-4:24.2.2.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 4, instance 3 (@1774)
    LogicalName = '0-4:24.2.3.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 4, instance 4 (@1782)
    LogicalName = '0-4:24.2.4.255'
    ClassId = 4
    AttributeExtraInfo = {

```

```

        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Disconnect control scheduler (@1914)
    LogicalName = '0-1:15.0.1.255'
    ClassId = 22
    AttributeExtraInfo = {
        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus Master Control log object 1 (@1941)
    LogicalName = '0-1:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus Master Control log object 2 (@1952)
    LogicalName = '0-2:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus Master Control log object 3 (@1963)
    LogicalName = '0-3:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus Master Control log object 4 (@1974)
    LogicalName = '0-4:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus Event Log (@1989)
    LogicalName = '0-0:99.98.3.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3

```

```

        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Push script table (@2139)
    LogicalName = '0-0:10.0.108.255'
    ClassId = 9
    AttributeExtraInfo = {
        // scripts
        AttributeId = 2
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Push action scheduler - Interval_1 (@2144)
    LogicalName = '0-1:15.0.4.255'
    ClassId = 22
    AttributeExtraInfo = {
        // executed_script
        AttributeId = 2
        AccessRights = [GET,SET]
    }
    AttributeExtraInfo = {
        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Push action scheduler - Interval_2 (@2150)
    LogicalName = '0-2:15.0.4.255'
    ClassId = 22
    AttributeExtraInfo = {
        // executed_script
        AttributeId = 2
        AccessRights = [GET,SET]
    }
    AttributeExtraInfo = {
        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Push action scheduler - Interval_3 (@2156)
    LogicalName = '0-3:15.0.4.255'
    ClassId = 22
    AttributeExtraInfo = {
        // executed_script
        AttributeId = 2
        AccessRights = [GET,SET]
    }
    AttributeExtraInfo = {
        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Auto connect (@2163)
    LogicalName = '0-0:2.1.0.255'
    ClassId = 29
    AttributeExtraInfo = {
        // destination_list
        AttributeId = 6
        AccessRights = [GET,SET]
    }
}

```

```

// needed for conformance test.
InstanceExtraInfo =
{
    LogicalName = '0-0:29.1.0.255'
    ClassId = 91
    Version = 1

    AttributeExtraInfo =
    {
        AttributeId = 5
        SetData = '\' +
        '<Data>' +
        ' <Array Qty = "01">' +
        ' <Structure Qty = "02">' +
        ' <Unsigned Value = "00" />' +
        ' <OctetString Value = "00112233445566778899AABBCCDDEEFF"/>' +
        ' </Structure>' +
        ' </Array>' +
        '</Data>'
        AccessRights = [SET]
    }
}

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="07E70517FF10000FF8000FF" /></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="001E" />'
+ ' <OctetString Value="FFFF0101FF" />'
+ ' <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ ' <LongUnsigned Value="001D" />'
+ ' <OctetString Value="FFFF0102FF" />'
+ ' <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ ' <LongUnsigned Value="001C" />'
+ ' <OctetString Value="FFFF0103FF" />'
+ ' <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ ' <LongUnsigned Value="001B" />'
+ ' <OctetString Value="FFFF0104FF" />'
+ ' <Unsigned Value="02" />'
+ ' </Structure>'

```

```

+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="001A" />'
+'          <OctetString Value="FFFF0105FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0019" />'
+'          <OctetString Value="FFFF0106FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0018" />'
+'          <OctetString Value="FFFF0107FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0017" />'
+'          <OctetString Value="FFFF0108FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0016" />'
+'          <OctetString Value="FFFF0109FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0015" />'
+'          <OctetString Value="FFFF010AFF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0014" />'
+'          <OctetString Value="FFFF0201FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0013" />'
+'          <OctetString Value="FFFF0202FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0012" />'
+'          <OctetString Value="FFFF0203FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0011" />'
+'          <OctetString Value="FFFF0204FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="0010" />'
+'          <OctetString Value="FFFF0205FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="000F" />'
+'          <OctetString Value="FFFF0206FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="000E" />'
+'          <OctetString Value="FFFF0207FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="000D" />'
+'          <OctetString Value="FFFF0208FF" />'
+'          <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'          <LongUnsigned Value="000C" />'
+'          <OctetString Value="FFFF0209FF" />'

```

```

+'          <Unsigned Value="02" />'
+'        </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000B" />'
+'        <OctetString Value="FFFF020AFF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned Value="000A" />'
+'      <OctetString Value="FFFF0301FF" />'
+'      <Unsigned Value="02" />'
+'    </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0009" />'
+'    <OctetString Value="FFFF0302FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0008" />'
+'   <OctetString Value="FFFF0303FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0007" />'
+'   <OctetString Value="FFFF0304FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0006" />'
+'   <OctetString Value="FFFF0305FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0005" />'
+'   <OctetString Value="FFFF0306FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0004" />'
+'   <OctetString Value="FFFF0307FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0003" />'
+'   <OctetString Value="FFFF0308FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0002" />'
+'   <OctetString Value="FFFF0309FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF030AFF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' </Array>'
+' </Data>'
+' }
+' }

```

```

TestParameters = {
    ConnectDisconnectDelay = 10000
    ClientSystemTitle = '58585A0102030405'

    ImageTransfer = {
        ImageIdentifier = '\MET600_OFqQzi77_000000'
        ImageFileName = '\MET600_OFqQzi77_000000_Application_6.51.931.bin'
    }
}

```

```

    Timeout          = 60000
}

PushTimeout = 60000
MinInterWPDUFramesDelay = 1000
CaptureDelay = 10000
ClipCallDuration = 12000

WakeUpDelay = 30000
DisconnectToSendSMSDelay = 5000
DataNotificationToDisconnectDelay = 1000
}

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 = NO_SECURITY
        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
    }
}

HDLCPprofile = {

    PhysicalLayer = {
        OpeningMode = DIRECT_HDLC
        HdlcBaud = 9600
    }
    DataLinkLayer = {
        InactivityTimeout          = 120000
        InterFrameTimeout          = 500
        ResponseTimeout            = 5000
        DISCToNDMTimeout           = 3000
    }
}

```



```

    AddressingSchemes      = [TWO_BYTES_ADDRESSING]
    ServerLowerMACAddress  = 21
    LastRecToNextSendDelay = 0
}

UIFrameDelay = 2000

UIFrameLength = 126
}

TCPPProfile = {
    ServerTCPPort = 4059
    ResponseTimeout = 10000
    ConnectTimeout = 30000
    DisconnectToConnectDelay = 15000
}

// Mandatory parameters of the ''Remote'' G3-PLC profile
G3PLCProfile = {
    FrequencyBand = CENELEC_A
    ResponseTimeout = 40000
    UDPPort = 61616
    ConnectTimeout = 10000
    PSK = "AB10341145111BC3C12DE8FF11142204"
}

// END CTI_Template

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

TestMode:                G3-PLC
Test Plan Signature:     BFC18D5882976F2087BC007B67CDC246
Object Model:            IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29 (20200831)-FIT MBUS
Tests G350 (CorrectedAndValve status).xlsx
DUT system title:       4D454C6770B71B15
Run number:              2119

```