

Final Interoperability Test Report

FIT #: **21**
 Date: 21.06.2017
 Location: DNV-GL, Arnhem, Netherlands
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VENDOR

Company: Landis+Gyr

Address: Theilerstrasse 1, 6301 Zug, Switzerland

DEVICE		
Device type	E450 G3 IDIS (ZxXi3x0xQ S4)	
Type indication on MID certificate	MID Certificate No.	
E450 G3 IDIS (ZxXi3x0xQ S4)	T10690R4	
IDIS Specification reference	DNV-GL IDIS Certification run No	Digital signature of the test report.
Package 2 ed. 2.0	329	6945D281B11470C27E878834D1C13AB1
First certification	IDIS Label	Modular device
<input checked="" type="checkbox"/>	0028	<input type="checkbox"/>
General information about the device		

FIRMWARE VERSIONS TESTED				Final Integration Test No. 21
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
2	V931009			Passed

Elster GmbH

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #21

Device:E450 G3 IDIS (ZxXi3x0xQ S4) DNV-GL, Arnhem, Netherlands, 21.06.2017

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FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
<u>1</u>	V93.05.00			18	Passed
<u>2</u>	V931009	V931009		21	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	
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 10-MAY-2016 15:09:32 iCTT2 Package 2, Edition 2.0, Revision 1 (122) Licensed to: KEMA-IDIS Cert. Tester: Bas Roelofsen ***** * Identification * ***** Manufacturer = { Name = '\Landis + Gyr' ThreeLettersId = 'LGZ' } DeviceUnderTest = { Type = 'LGZ E450 ZMXi3x0xP..S4' IDISDeviceType = I03 IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M] SerialNr = 17816908 IPVersion = 1FV6 DataLinkLayer = G3 ConsumerInformationPush = TRUE EUI64Address = '000F93FFFF144F1A' } Active firmware identifier (1-0:0.2.0.255) = 56393330350000 ***** * Summary * ***** PASSED 227 FAILED 0 DISABLED 0 INAPPLICABLE 9 INCONCLUSIVE 0 FATAL 0 TOTAL 236 ***** 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 </pre>		

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*****
Test Case 2 : Read Device IDs, 12 item(s)
*****

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (846)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="0000600100FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString Value="\17816908" />
    </Data>

Mngmt Get Device ID 2 0-0:96.1.1.255 (850)
(3) .logical_name PASSED
    <Data>
    <OctetString Value="0000600101FF" />
    </Data>
(4) .value PASSED
    <Data>
    <OctetString Value="\Device ID 2" />
    </Data>

Mngmt Get Device ID 3 0-0:96.1.2.255 (854)
(5) .logical_name PASSED
    <Data>
    <OctetString Value="0000600102FF" />
    </Data>
(6) .value PASSED
    <Data>
    <OctetString Value="\Device ID 3" />
    </Data>

Mngmt Get Device ID 4 0-0:96.1.3.255 (858)
(7) .logical_name PASSED
    <Data>
    <OctetString Value="0000600103FF" />
    </Data>
(8) .value PASSED
    <Data>
    <OctetString Value="\Device ID 4" />
    </Data>

Mngmt Get Device ID 5 0-0:96.1.4.255 (862)
(9) .logical_name PASSED
    <Data>
    <OctetString Value="0000600104FF" />
    </Data>
(10) .value PASSED
    <Data>
    <OctetString Value="\Device ID 5" />
    </Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (866)
(11) .logical_name PASSED
    <Data>
    <OctetString Value="0000600105FF" />
    </Data>
(12) .value PASSED
    <Data>
    <OctetString Value="\Device ID 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 (842)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="00002A0000FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString Value="\LG21030717816908" />
    </Data>

*****
Test Case 4 : Read SAP assignment, 2 item(s)
*****

Mngmt Get SAP Assignment 0-0:41.0.0.255 (84)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="0000290000FF" />
    </Data>
(2) .SAP_assignment_list PASSED
    <Data>

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<Array Qty="0001" >
  <Structure Qty="0002" >
    <LongUnsigned Value="0001" />
    <OctetString Value="LGZ1030717816908" />
  </Structure>
</Array>
</Data>
*****
Test Case 5 : Read active FW versions, 12 item(s)
*****

Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="010000200FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString Value="56393330350000" />
    </Data>

Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)
(3) .logical_name PASSED
    <Data>
    <OctetString Value="010000208FF" />
    </Data>
(4) .value PASSED
    <Data>
    <OctetString Value="\71CDD8A" />
    </Data>

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

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

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

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

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

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
    <Data>
    <OctetString Value="07E0050A020F1627FF8000FF" />
    </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="07E0050A020F1627FF800080" />
    </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="000F" >
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0101FF" />
        <Unsigned Value="02" />
      </Structure>
    </Array>
    <Structure Qty="0003" >

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<LongUnsigned Value="0001" />
<OctetString Value="FFFF102FF" />
<Unsigned Value="02" />
</Structure>
</Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF103FF" />
  <Unsigned Value="02" />
</Structure>
</Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF104FF" />
  <Unsigned Value="02" />
</Structure>
</Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF105FF" />
  <Unsigned Value="02" />
</Structure>
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  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF106FF" />
  <Unsigned Value="02" />
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  <OctetString Value="FFFF107FF" />
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  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF108FF" />
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  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF109FF" />
  <Unsigned Value="02" />
</Structure>
</Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10AFF" />
  <Unsigned Value="02" />
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</Structure Qty="0003" >
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  <OctetString Value="FFFF10BFF" />
  <Unsigned Value="02" />
</Structure>
</Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10CFF" />
  <Unsigned Value="02" />
</Structure>
</Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10DFF" />
  <Unsigned Value="02" />
</Structure>
</Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10EFF" />
  <Unsigned Value="02" />
</Structure>
</Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10FFF" />
  <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="000F" >
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF101FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF102FF" />
        <Unsigned Value="02" />
      </Structure>
    </Array>
  </Data>

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<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF103FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF104FF" />
  <Unsigned Value="02" />
</Structure>
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  <OctetString Value="FFFF105FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF106FF" />
  <Unsigned Value="02" />
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<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF108FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF109FF" />
  <Unsigned Value="02" />
</Structure>
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  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10AFF" />
  <Unsigned Value="02" />
</Structure>
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  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10BFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
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  <OctetString Value="FFFF10CFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10DFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10EFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF10FFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>
*****
Test Case 10 : Reading Data of billing period 1, 8 item(s)
*****

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (8158)
(1) .logical_name PASSED
  <Data>
    <OctetString Value="0000620100FF" />
  </Data>
(2) .buffer PASSED
  Earliest date: 02-MAY-2016 00:00:00, latest date: 02-MAR-2017 00:00:00
  Middle date: 02-MAR-2017 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="00000" />
      </Structure>
    </Array>
  </Data>

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<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>
(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="0000" />
      <OctetString Value="000000000000" />
      <Integer Value="00" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Data>
(7) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000014" />
  </Data>
(8) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="0000002E" />
  </Data>
*****
Test Case 11 : Ext.M - M-Bus Setup LG2 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 PASSED
  <Data>
    <OctetString Value="0001180600FF" />
  </Data>
(4) .comm_speed PASSED
  <Data>
    <Enum Value="03" />
  </Data>
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="0008" >
      <Structure Qty="0002" >
        <OctetString Value="L" />
        <OctetString Value="933A" />
      </Structure>
    </Array>
  </Data>

```



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</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>
<Structure Qty="0002" >
  <OctetString Value="" />
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</Structure>
<Structure Qty="0002" >
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  <OctetString Value="" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="" />
  <OctetString Value="" />
</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="FD" />
  </Data>
(15) .status PASSED
  <Data>
    <Unsigned Value="60" />
  </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="0008" >
      <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="" />
      </Structure>
    </Array>
  </Data>

```

```

<OctetString Value="" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="" />
  <OctetString Value="" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="" />
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  <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>
(26) .access_number PASSED
  <Data>
    <Unsigned Value="05" />
  </Data>
(27) .status PASSED
  <Data>
    <Unsigned Value="60" />
  </Data>
(28) .alarm PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (81618)
(29) .logical_name PASSED
  <Data>
    <OctetString Value="0003180100FF" />
  </Data>
(30) .mbus_port_reference PASSED
  <Data>
    <OctetString Value="0000180600FF" />
  </Data>
(31) .capture_definition PASSED
  <Data>
    <Array Qty="0008" >
      <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>

```

```

        <OctetString Value="" />
        <OctetString Value="" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="" />
        <OctetString Value="" />
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    <Structure Qty="0002" >
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    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="" />
        <OctetString Value="" />
    </Structure>
    </Array>
</Data>
(32) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000E10" />
    </Data>
(33) .primary_address PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(34) .identification_number PASSED
    <Data>
        <DoubleLongUnsigned Value="00047BB4" />
    </Data>
(35) .manufacturer_id PASSED
    <Data>
        <LongUnsigned Value="19AC" />
    </Data>
(36) .version PASSED
    <Data>
        <Unsigned Value="02" />
    </Data>
(37) .device_type PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(38) .access_number PASSED
    <Data>
        <Unsigned Value="04" />
    </Data>
(39) .status PASSED
    <Data>
        <Unsigned Value="60" />
    </Data>
(40) .alarm PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (81640)
(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="0008" >
            <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="" />
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            <Structure Qty="0002" >
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            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="" />
                <OctetString Value="" />
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        </Array>
    </Data>

```

```

        <Structure Qty="0002" >
        <OctetString Value="" />
        <OctetString Value="" />
        </Structure>
        <Structure Qty="0002" >
        <OctetString Value="" />
        <OctetString Value="" />
        </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="52" />
    </Data>
(51) .status PASSED
    <Data>
        <Unsigned Value="60" />
    </Data>
(52) .alarm PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
*****
Test Case 12 : Ext.M - M-Bus Results uncorrected Vol. & valve status, 32 item(s)
*****

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (01662)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="0001180201FF" />
    </Data>
(2) .value PASSED
    <Data>
        <DoubleLongUnsigned Value="00000BA1" />
    </Data>
(3) .scaler_unit PASSED
    <Data>
        <Structure Qty="0002" >
        <Integer Value="FD" />
        <Enum Value="0D" />
        </Structure>
    </Data>
(4) .status PASSED
    <Data>
        <Unsigned Value="20" />
    </Data>

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (01670)
(5) .logical_name PASSED
    <Data>
        <OctetString Value="0001180202FF" />
    </Data>
(6) .value PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(7) .scaler_unit PASSED
    <Data>
        <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="FF" />
        </Structure>
    </Data>
(8) .status PASSED
    <Data>

```

	<Unsigned Value="01" />	
	</Data>	
Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)		
(9) .logical_name	<Data>	PASSED
	<OctetString Value="0002180201FF" />	
	</Data>	
(10) .value	<Data>	PASSED
	<DoubleLongUnsigned Value="00000853" />	
	</Data>	
(11) .scaler_unit	<Data>	PASSED
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(12) .status	<Data>	PASSED
	<Unsigned Value="20" />	
	</Data>	
Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)		
(13) .logical_name	<Data>	PASSED
	<OctetString Value="0002180202FF" />	
	</Data>	
(14) .value	<Data>	PASSED
	<DoubleLongUnsigned Value="00000000" />	
	</Data>	
(15) .scaler_unit	<Data>	PASSED
	<Structure Qty="0002" >	
	<Integer Value="00" />	
	<Enum Value="FF" />	
	</Structure>	
	</Data>	
(16) .status	<Data>	PASSED
	<Unsigned Value="01" />	
	</Data>	
Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)		
(17) .logical_name	<Data>	PASSED
	<OctetString Value="0003180201FF" />	
	</Data>	
(18) .value	<Data>	PASSED
	<DoubleLongUnsigned Value="00000B8D" />	
	</Data>	
(19) .scaler_unit	<Data>	PASSED
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(20) .status	<Data>	PASSED
	<Unsigned Value="20" />	
	</Data>	
Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)		
(21) .logical_name	<Data>	PASSED
	<OctetString Value="0003180202FF" />	
	</Data>	
(22) .value	<Data>	PASSED
	<DoubleLongUnsigned Value="00000000" />	
	</Data>	
(23) .scaler_unit	<Data>	PASSED
	<Structure Qty="0002" >	
	<Integer Value="00" />	
	<Enum Value="FF" />	
	</Structure>	
	</Data>	
(24) .status	<Data>	PASSED
	<Unsigned Value="01" />	
	</Data>	
Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)		
(25) .logical_name	<Data>	PASSED

	<OctetString Value="0004180201FF" />	
	</Data>	
(26)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="000005DD" />	
	</Data>	
(27)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(28)	.status	PASSED
	<Data>	
	<Unsigned Value="20" />	
	</Data>	
Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)		
(29)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0004180202FF" />	
	</Data>	
(30)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000000" />	
	</Data>	
(31)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="00" />	
	<Enum Value="FF" />	
	</Structure>	
	</Data>	
(32)	.status	PASSED
	<Data>	
	<Unsigned Value="01" />	
	</Data>	

Test Case 13 : Ext.M - M-Bus Devices 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="00" />
</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="00" />
</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="00" />
</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="00" />
</Data>
*****
Test Case 14 : 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: 30-APR-2016 14:00:00, latest date: 10-MAY-2016 15:00:00
Middle date: 05-MAY-2016 15:00:00
(3) .capture_objects PASSED
<Data>
<Array Qty="000A" >
<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>
<Structure Qty="0004" >
<LongUnsigned Value="0004" />
<OctetString Value="0001180205FF" />
<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>

```

```

<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0001180206FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0001180207FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0001180208FF" />
  <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="04" />
  </Data>
(6) .sort_object PASSED
  <Data>
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Data>
(7) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000016" />
  </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: 30-APR-2016 14:00:00, latest date: 10-MAY-2016 15:00:00
  Middle date: 05-MAY-2016 15:00:00
(11) .capture_objects PASSED
  <Data>
    <Array Qty="000A" >
      <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" />
      </Structure>
    </Array>
  </Data>

```



```

<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180205FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180206FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180207FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180208FF" />
  <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="04" />
  </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="00000016" />
  </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 (01860)
(17) .logical_name PASSED
  <Data>
    <OctetString Value="0003180300FF" />
  </Data>
(18) .buffer PASSED
  Earliest date: 30-APR-2016 15:00:00, latest date: 10-MAY-2016 15:00:00
  Middle date: 05-MAY-2016 15:00:00
(19) .capture_objects PASSED
  <Data>
    <Array Qty="000A" >
      <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>
    </Array>
  </Data>

```

```

<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>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0003180205FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0003180206FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0003180207FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0003180208FF" />
  <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="04" />
  </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: 30-APR-2016 15:00:00, latest date: 10-MAY-2016 15:00:00
  Middle date: 05-MAY-2016 15:00:00
(27) .capture_objects PASSED
  <Data>
    <Array Qty="000A" >
      <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" />
      </Structure>
    </Array>
  </Data>

```

```

<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>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0004180205FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0004180206FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0004180207FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0004180208FF" />
  <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="04" />
  </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 15 : 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: 13-APR-2016 11:56:15, latest date: 13-APR-2016 12:50:18
  Middle date: 13-APR-2016 12:49:49
(3) .capture_objects PASSED
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />

```

	<pre> <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="0000" /> <OctetString Value="000000000000" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data> (7) .entries_in_use PASSED <Data> <DoubleLongUnsigned Value="00000010" /> </Data> (8) .profile_entries PASSED <Data> <DoubleLongUnsigned Value="00000024" /> </Data> Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (81952) (9) .logical_name PASSED <Data> <OctetString Value="0002180500FF" /> </Data> (10) .buffer PASSED Earliest date: 13-APR-2016 11:56:53, latest date: 13-APR-2016 12:50:37 Middle date: 13-APR-2016 12:50:28 (11) .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="0002600B04FF" /> <Integer Value="02" /> <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="0000" /> <OctetString Value="000000000000" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data> (15) .entries_in_use PASSED <Data> <DoubleLongUnsigned Value="00000008" /> </Data> (16) .profile_entries PASSED <Data> <DoubleLongUnsigned Value="00000024" /> </Data> Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (81963) </pre>
--	---

(17)	.logical_name <Data> <OctetString Value="0003180500FF" /> </Data>	PASSED
(18)	.buffer Earliest date: 13-APR-2016 11:57:13, latest date: 13-APR-2016 12:50:56 Middle date: 13-APR-2016 12:50:47	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 <Data> <Enum Value="01" /> </Data>	PASSED
(22)	.sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0000" /> <OctetString Value="000000000000" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data>	PASSED
(23)	.entries_in_use <Data> <DoubleLongUnsigned Value="00000008" /> </Data>	PASSED
(24)	.profile_entries <Data> <DoubleLongUnsigned Value="00000024" /> </Data>	PASSED
Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)		
(25)	.logical_name <Data> <OctetString Value="0004180500FF" /> </Data>	PASSED
(26)	.buffer Earliest date: 13-APR-2016 11:57:32, latest date: 13-APR-2016 12:51:15 Middle date: 13-APR-2016 12:51:06	PASSED
(27)	.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="0004600B04FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data>	PASSED
(28)	.capture_period <Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED
(29)	.sort_method <Data> <Enum Value="01" /> </Data>	PASSED
(30)	.sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0000" /> <OctetString Value="000000000000" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data>	PASSED

```

    </Structure>
  </Data>
(31) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000008" />
  </Data>
(32) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="00000024" />
  </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: 24-APR-2016 23:59:50, latest date: 01-FEB-2017 23:59:50
  Middle date: 24-APR-2016 23:59:50
(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="0000" />
      <OctetString Value="000000000000" />
      <Integer Value="00" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Data>
(39) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000048" />
  </Data>
(40) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="00000048" />
  </Data>

*****
Test Case 16 : Consumer Information Interface, 13 item(s)
*****

Mngmt Get Push action scheduler - Consumer Information 0-4:15.0.4.255 (@351)
(1) .logical_name PASSED
  <Data>
    <OctetString Value="00040F004FF" />
  </Data>
(2) .executed_script PASSED
  <Data>
    <Structure Qty="0002" >
      <OctetString Value="0000A006CFF" />
      <LongUnsigned Value="0008" />
    </Structure>
  </Data>
(3) .type PASSED
  <Data>
    <Enum Value="05" />
  </Data>
(4) .execution_time PASSED
  <Data>
    <Array Qty="0004" >
      <Structure Qty="0002" >
        <OctetString Value="FFFF0000" />
        <OctetString Value="FFFFFFFF" />
      </Structure>
    </Array>
  </Data>

```

```

<OctetString Value="FFFFF00" />
<OctetString Value="FFFFFFFF" />
</Structure>
<Structure Qty="0002" >
<OctetString Value="FFF1E00" />
<OctetString Value="FFFFFFFF" />
</Structure>
<Structure Qty="0002" >
<OctetString Value="FFFF2D00" />
<OctetString Value="FFFFFFFF" />
</Structure>
</Array>
</Data>

Mngmt Set Push setup - Consumer Information 0-6:25.9.0.255 (@357)
(5) .push_object_list PASSED
<Data>
<Array Qty="0004" >
<Structure Qty="0004" >
<LongUnsigned Value="0001" />
<OctetString Value="0000600100FF" />
<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
<LongUnsigned Value="0008" />
<OctetString Value="0000010000FF" />
<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
<LongUnsigned Value="0001" />
<OctetString Value="0000600D00FF" />
<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
<LongUnsigned Value="0001" />
<OctetString Value="0000600D01FF" />
<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>

(6) .send_destination_and_method PASSED
<Data>
<Structure Qty="0003" >
<Enum Value="05" />
<OctetString Value="0001160000FF" />
<Enum Value="00" />
</Structure>
</Data>

(7) .communication_window PASSED
<Data>
<Array Qty="0000" >
</Array>
</Data>

(8) .randomisation_start_interval PASSED
<Data>
<LongUnsigned Value="0000" />
</Data>

(9) .number_of_retries PASSED
<Data>
<Unsigned Value="00" />
</Data>

(10) .repetition_delay PASSED
<Data>
<LongUnsigned Value="0000" />
</Data>

Mngmt Get Security setup - Consumer Information 0-0:43.0.1.255 (@367)
(11) .logical_name PASSED
<Data>
<OctetString Value="00002B0001FF" />
</Data>

(12) .security_policy PASSED
<Data>
<Enum Value="03" />
</Data>

(13) .security_suite PASSED
<Data>
<Enum Value="00" />
</Data>

*****
Test Case 17 : 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 18 : FIT Miscellaneous, 4 item(s)
*****
(1) Disconnecter Script Table PASSED
(2) Load profile with period 1 DST ambiguity PASSED
(3) Load profile power down withing one period PASSED
(4) Load profile power down over two periods PASSED
*****
* CTI *
*****
//*****
// * CTI LGZ E450_ZMXi3x0CF_XXXXXX-XXS4 *
// *
// * Conformance #6 *
// * 2016-04-10 *
// *
//*****

// Conformance Test Information (CTI) Template
// 1.6

// Mandatory 'Manufacturer' structure
// *****
Manufacturer = {
// Keep the leading '\' to denote a visible-string.
// The manufacturer's FLAG id is a part of the DUT system title
Name = '\Landis + Gyr'
ThreeLettersId = '\LGZ'
}

// Mandatory 'DeviceUnderTest' structure
// *****
DeviceUnderTest = {
Type = '\LGZ E450_ZMXi3x0xP..S4'

// IDISDeviceType it is part of the DUT system title.
// Package 1 single phase = 100
// Package 1 poly phase = 101
// Package 2 single phase = 102
// Package 2 poly phase = 103

IDISDeviceType = 103

// IDISFunctionType indicates the extension(s) supported by the DUT,
// it is also a part of the DUT system title.
// It is a set (possibly empty) of elements [Extension_D, Extension_L, Extension_M]

IDISFunctionType = [Extension_D, Extension_L, Extension_M]

// The serial number of the DUT is part of its system title.
SerialNr = 17816908

// (Optional) IPVersion indicates what IP related objects of the OM are tested.
IPVersion = IPv6

// (Optional) DataLinkLayer indicates what DL related objects of the OM are tested.
DataLinkLayer = G3

// (Optional) ConsumerInformationPush indicates that the related feature is implemented.
ConsumerInformationPush = TRUE

EUI64Address = "000F93FFFF144F1A"
}

// Optional 'TestOptions'
TestOptions = {
DUTelNr = '\+41419536544'
DUTIPAddress = '\10.0.0.0'
}

// Mandatory 'ObjectMode' structure
// *****
// It defines the variant of the object model that the iCTT uses for testing.
ObjectModel = {
// Optional objects implemented
OptionalObjects = '\
+ '1-0:9.1.255|1,' // Local Time (886)
+ '1-0:9.2.255|1,' // Local Date (890)
+ '0-2:96.3.10.255|70,' // Load Mgmt - Relay control 2 (@205)
+ '1-0:9.8.0.255|3,' // Apparent energy import (+VA) (QI+QIV) (@406)
+ '1-0:10.8.0.255|3,' // Apparent energy export (-VA) (QII+QIII) (@412)
+ '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@515)
+ '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@521)
+ '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@527)

```



```

+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (8533)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (8539)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (8545)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (8551)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (8557)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (8563)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (8569)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (8575)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (8581)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (8587)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (8593)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (8599)
+ '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (8605)
+ '1-0:9.4.0.255|5,' // Demand Register 5 - Apparent energy import (+VA) (8736)
+ '1-0:10.4.0.255|5,' // Demand Register 6 - Apparent energy export (-VA) (8749)
+ '1-0:14.7.0.255|3,' // Instantaneous net frequency; any phase (81359)
+ '1-0:9.7.0.255|3,' // Instantaneous apparent import power (+VA) (81395)
+ '1-0:16.24.0.255|5,' // Average Net Power (|+A|-|-A|) (81420)
+ '1-0:13.7.0.255|3,' // Instantaneous Power factor (+A/+VA) (81446)
+ '1-0:13.5.0.255|4,' // Last Average Power factor (+A/+VA) (81452)
+ '1-0:13.3.0.255|4,' // Minimum Power factor (+A/+VA) (81460)
+ '1-0:0.8.2.255|3,' // Measurement Period 3 for Instantaneous values (81468)
+ '0-1:24.6.0.255|74,' // M-Bus master port setup 2 (81479)

InstanceExtraInfo = {
  // MBus Client (81574)
  LogicalName = '0-1:24.1.0.255'
  ClassId = 72
  Version = 1
}
InstanceExtraInfo = {
  // MBus Client (81596)
  LogicalName = '0-2:24.1.0.255'
  ClassId = 72
  Version = 1
}
InstanceExtraInfo = {
  // MBus Client (81618)
  LogicalName = '0-3:24.1.0.255'
  ClassId = 72
  Version = 1
}
InstanceExtraInfo = {
  // MBus Client (81640)
  LogicalName = '0-4:24.1.0.255'
  ClassId = 72
  Version = 1
}
InstanceExtraInfo = {
  // Tariffication script table (8129)
  LogicalName = '0-0:10.0.100.255'
  ClassId = 9
  MethodExtraInfo = {
    // execute
    MethodId = 1
    AccessRights = [ACTION]
  }
}
InstanceExtraInfo = {
  // Disconnect Control Log (8181)
  LogicalName = '0-0:99.98.2.255'
  ClassId = 7
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}
InstanceExtraInfo = {
  // Load Mgmt - Relay control 1 (8197)
  LogicalName = '0-1:96.3.10.255'
  ClassId = 70
  AttributeExtraInfo = {
    // control mode
    AttributeId = 4
    AccessRights = [GET,SET]
  }
}
InstanceExtraInfo = {
  // Load Mgmt - Relay control 2 (8205)
  LogicalName = '0-2:96.3.10.255'
  ClassId = 70
  AttributeExtraInfo = {
    // control mode
    AttributeId = 4
    AccessRights = [GET,SET]
  }
}

```

```

    }
}

InstanceExtraInfo = {
// Limiter (@213)
LogicalName = '0-0:17.0.0.255'
ClassId = 71
AttributeExtraInfo = {
// actions
AttributeId = 11
AccessRights = [GET,SET]
}
}

InstanceExtraInfo = {
// Standard Event Log (@261)
LogicalName = '0-0:99.98.0.255'
ClassId = 7
AttributeExtraInfo = {
// capture_objects
AttributeId = 3
AccessRights = [GET,SET]
}
}

InstanceExtraInfo = {
// Fraud Detection Log (@276)
LogicalName = '0-0:99.98.1.255'
ClassId = 7
AttributeExtraInfo = {
// capture_objects
AttributeId = 3
AccessRights = [GET,SET]
}
}

InstanceExtraInfo = {
// Power Failure Event Log (@1234)
LogicalName = '1-0:99.97.0.255'
ClassId = 7
AttributeExtraInfo = {
// capture_objects
AttributeId = 3
AccessRights = [GET,SET]
}
}

InstanceExtraInfo = {
// Power Quality Log (@1249)
LogicalName = '0-0:99.98.4.255'
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 = {
// M-Bus Value channel 1, instance 1 (@1571)
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 (@1579)
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 (@1587)
    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 (@1595)
    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 (@1603)
    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 (@1611)
    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 (@1619)
    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 (@1627)
  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 (@1635)
  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 (@1643)
  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 (@1651)
  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 (@1659)
  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 (@1667)
  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 (@1675)
  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 (@1683)
  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 (@1691)
  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 Master Control log object 1 (@1850)
  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 (@1861)
  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 (@1872)
  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 (@1883)

```

```

LogicalName = '0-4:24.5.0.255'
ClassId = 7
AttributeExtraInfo = {
  // capture_objects
  AttributeId = 3
  AccessRights = [GET,SET]
}
}

InstanceExtraInfo = {
  // M-Bus Event Log (#1898)
  LogicalName = '0-0:99.98.3.255'
  ClassId = 7
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // G3-PLC MAC Setup (#2217)
  LogicalName = '0-0:29.1.0.255'
  ClassId = 91
  AttributeExtraInfo = {
    // mac_key_table
    AttributeId = 5
    SetData = '\<Data>'
+   <Array Qty="01" >'
+   <Structure Qty="02" >'
+   <Unsigned Value="00" />'
+   <OctetString Value="112233445566778899AABBCCDDEEFF" />'
+   </Structure>'
+   </Array>'
+   </Data>'
  }
}

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

InstanceExtraInfo = {
  // Set value for Error register value
  LogicalName = '0-0:97.97.0.255'
  ClassId = 1
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><DoubleLongUnsigned Value="00000000" /></Data>'
  }
}

InstanceExtraInfo = {
  // Set value for Autoconnect (#2175)
  LogicalName = '0-0:2.1.0.255'
  ClassId = 29
  AttributeExtraInfo = {
    // destination list
    AttributeId = 6
    AccessRights = [GET,SET]
  }
}

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

InstanceExtraInfo = {
  // Push action scheduler - Interval_1
  LogicalName = '0-1:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

```

```

InstanceExtraInfo = {
  // Push action scheduler - Interval_2
  LogicalName = '0-2:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Push action scheduler - Interval_3
  LogicalName = '0-3:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Push action scheduler - Interval_3
  LogicalName = '0-4:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Set clock to 05/11/2013 12:29:52
  LogicalName = '0-0:1.0.0.255'
  ClassId = 8
  // Time_data
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><OctetString Value="07E0050A020F1627FF8000FF" /></Data>'
  }
}

InstanceExtraInfo = {
  // Set special days to 30 entries
  LogicalName = '0-0:11.0.0.255'
  ClassId = 11
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data>'
++
++   <Array Qty="0F" >'
++   <Structure Qty="03" >'
++     <LongUnsigned Value="0001" />'
++     <OctetString Value="FFFF0101FF" />'
++     <Unsigned Value="02" />'
++   </Structure>'
++   <Structure Qty="03" >'
++     <LongUnsigned Value="0001" />'
++     <OctetString Value="FFFF0102FF" />'
++     <Unsigned Value="02" />'
++   </Structure>'
++   <Structure Qty="03" >'
++     <LongUnsigned Value="0001" />'
++     <OctetString Value="FFFF0103FF" />'
++     <Unsigned Value="02" />'
++   </Structure>'
++   <Structure Qty="03" >'
++     <LongUnsigned Value="0001" />'
++     <OctetString Value="FFFF0104FF" />'
++     <Unsigned Value="02" />'
++   </Structure>'
++   <Structure Qty="03" >'
++     <LongUnsigned Value="0001" />'
++     <OctetString Value="FFFF0105FF" />'
++     <Unsigned Value="02" />'
++   </Structure>'
++   <Structure Qty="03" >'
++     <LongUnsigned Value="0001" />'
++     <OctetString Value="FFFF0106FF" />'
++     <Unsigned Value="02" />'
++   </Structure>'
++   <Structure Qty="03" >'
++     <LongUnsigned Value="0001" />'
++     <OctetString Value="FFFF0107FF" />'
++     <Unsigned Value="02" />'
++   </Structure>'
++   <Structure Qty="03" >'
++     <LongUnsigned Value="0001" />'
++

```

```

+ '      <OctetString Value="FFFF108FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '  <Structure Qty="03" >'
+ '    <LongUnsigned Value="0001" />'
+ '    <OctetString Value="FFFF109FF" />'
+ '    <Unsigned Value="02" />'
+ '  </Structure>'
+ '  <Structure Qty="03" >'
+ '    <LongUnsigned Value="0001" />'
+ '    <OctetString Value="FFFF10AFF" />'
+ '    <Unsigned Value="02" />'
+ '  </Structure>'
+ '  <Structure Qty="03" >'
+ '    <LongUnsigned Value="0001" />'
+ '    <OctetString Value="FFFF10BFF" />'
+ '    <Unsigned Value="02" />'
+ '  </Structure>'
+ '  <Structure Qty="03" >'
+ '    <LongUnsigned Value="0001" />'
+ '    <OctetString Value="FFFF10CFF" />'
+ '    <Unsigned Value="02" />'
+ '  </Structure>'
+ '  <Structure Qty="03" >'
+ '    <LongUnsigned Value="0001" />'
+ '    <OctetString Value="FFFF10DFF" />'
+ '    <Unsigned Value="02" />'
+ '  </Structure>'
+ '  <Structure Qty="03" >'
+ '    <LongUnsigned Value="0001" />'
+ '    <OctetString Value="FFFF10EFF" />'
+ '    <Unsigned Value="02" />'
+ '  </Structure>'
+ '  <Structure Qty="03" >'
+ '    <LongUnsigned Value="0001" />'
+ '    <OctetString Value="FFFF10FFF" />'
+ '    <Unsigned Value="02" />'
+ '  </Structure>'
+ ' </Array>'
+ ' </Data>'
}
} // Special Days End
} // Object model END

// Mandatory ''TestParameters'' structure
// *****
// Defines miscellaneous values used during the test
TestParameters = {

// Optional delay (in ms) after executing the Disconnect Control (class 70)
// connect and disconnect actions performed directly or via a script table.
ConnectDisconnectDelay = 15000

// Mandatory Client system title
ClientSystemTitle = '58585A0102030405'

// Mandatory structure for the ImageTransfer
ImageTransfer = {
// Image identifier as passed to the image_transfer_initiate method
// MFW...
ImageIdentifier = '5374727563745P303500'
// Filename of the image to transfer. If no filepath is given, then the file
// is supposed to be in the same directory as the CTI file
ImageFileName = '\\V93.XX.02.29_Flex_v1.img'

// Time (in ms) that the iCTT loops reading the image_transfer status waiting for changes
Timeout = 450000 //in milliseconds
}

PushTimeout = 60000
MinInterWPDUPFramesDelay = 1100

ProfilePeriodsQty = 10
CaptureDelay = 15000

// ClipCallDuration = 20000
// WakeUpDelay = 30000

AutoConnect = {
Repetitions = 2
RepetitionDelay = 30
}
}

// Mandatory ''SecurityElements''
// *****

// RemoteSecurityElements
RemoteSecurityElements = {

```



```

Public = {
  ContextName = LONG_NAMES
  MechanismName = LOWEST_LEVEL_SECURITY
  Policy = NO_SECURITY
}
Management = {
  ContextName = LONG_NAMES_WITH_CIPHERING // ( LONG_NAMES_WITH_CIPHERING, LONG_NAMES )
  MechanismName = HIGH_LEVEL_SECURITY_GMAC // ( HIGH_LEVEL_SECURITY_GMAC, LOW_LEVEL_SECURITY )
  Policy = AUTHENTICATION_AND_ENCRYPTION // ( ENCRYPTION, NO_SECURITY, AUTHENTICATION, AUTHENTICATION_AND_ENCRYPTION )
  Password = '\12345678'
}
PreEstablished = {
  Policy = AUTHENTICATION_AND_ENCRYPTION // ( NO_SECURITY, ENCRYPTION, AUTHENTICATION, AUTHENTICATION_AND_ENCRYPTION )
  ServerMaxReceivePduSize = 1224
  CipheringStyle = GENERAL
}
}

// LocalSecurityElements
// Mandatory, used when making 'local' accesses.
LocalSecurityElements = {
  Public = {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }
  Management = {
    ContextName = LONG_NAMES_WITH_CIPHERING // ( LONG_NAMES_WITH_CIPHERING, LONG_NAMES )
    MechanismName = HIGH_LEVEL_SECURITY_GMAC // ( HIGH_LEVEL_SECURITY_GMAC, LOW_LEVEL_SECURITY )
    Policy = NO_SECURITY
    Password = '\12345678'
  }
  PreEstablished = {
    Policy = NO_SECURITY // ( NO_SECURITY, ENCRYPTION, AUTHENTICATION, AUTHENTICATION_AND_ENCRYPTION )
    ServerMaxReceivePduSize = 1224
    CipheringStyle = GENERAL
  }
}

// Parameters of the 'Local' HDLC Profile
HDLCProfile = {
  PhysicalLayer = {
    OpeningMode = DIRECT_HDLC
    HdlcBaud = 9600
  }
  DataLinkLayer = {
    InactivityTimeout = 120000
    InterFrameTimeout = 5000
    ResponseTimeout = 10000
    DISCToNDMTTimeout = 2000
    AddressingSchemes = [ONE_BYTE_ADDRESSING]
    LastRecToNextSendDelay = 100
  }
}
G3PLCProfile = {
  ResponseTimeout = 30000
  ConnectTimeout = 10000
  UDPPort = 61616
  PSK = "AB10341145111BC3C12DE8FF11142204"
}

// END CTI

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

TestMode:          G3-PLC
Test Plan Signature: D39BADAB913E9B7ECA4C22D84BD5444E
Object Model:      IDIS-S02-002 - object model Pack2 Ed2.0 - V2.24 (20160308).xlsx
DUT system title:  4c475A67710FDD4C
Run number:        3

```

TEST REPORT - Firmware No. 2		
Test	Verdict	Remark
Connect and release	Passed	
All Device IDs	Passed	
COSEM logical device name	Passed	
SAP assignment	Passed	
FW version and signature	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 2		
<pre> ***** IDIS Conformance test report 21-JUN-2017 17:27:41 ICTT2 Package 2, Edition 2.0, Revision 1 (132) Licensed to: KEMA-IDIS Cert. Tester: Bas Roelofszen ***** ***** * Identification * ***** Manufacturer = { Name = '\Landis + Gyr' ThreeLettersId = 'LGZ' } DeviceUnderTest = { Type = '\LGZ E450_ZMXi3x0xP..S4' IDISDeviceType = I03 IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M] SerialNr = 36954046 IPVersion = IPV6 DataLinkLayer = G3 ConsumerInformationPush = TRUE EUI64Address = '0000000000000004' } Active firmware identifier (1-0:0.2.0.255) = \V931009 Active firmware identifier 1 (1-1:0.2.0.255) = \V931009 ***** * Summary * ***** PASSED 266 FAILED 0 DISABLED 0 INAPPLICABLE 7 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 </pre>		

```

*****
Test Case 2 : Read Device IDs, 12 item(s)
*****

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (846)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="0000600100FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString Value="\36954046" />
    </Data>

Mngmt Get Device ID 2 0-0:96.1.1.255 (850)
(3) .logical_name PASSED
    <Data>
    <OctetString Value="0000600101FF" />
    </Data>
(4) .value PASSED
    <Data>
    <OctetString Value="\Device ID 2" />
    </Data>

Mngmt Get Device ID 3 0-0:96.1.2.255 (854)
(5) .logical_name PASSED
    <Data>
    <OctetString Value="0000600102FF" />
    </Data>
(6) .value PASSED
    <Data>
    <OctetString Value="\Device ID 3" />
    </Data>

Mngmt Get Device ID 4 0-0:96.1.3.255 (858)
(7) .logical_name PASSED
    <Data>
    <OctetString Value="0000600103FF" />
    </Data>
(8) .value PASSED
    <Data>
    <OctetString Value="\Device ID 4" />
    </Data>

Mngmt Get Device ID 5 0-0:96.1.4.255 (862)
(9) .logical_name PASSED
    <Data>
    <OctetString Value="0000600104FF" />
    </Data>
(10) .value PASSED
    <Data>
    <OctetString Value="\Device ID 5" />
    </Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (866)
(11) .logical_name PASSED
    <Data>
    <OctetString Value="0000600105FF" />
    </Data>
(12) .value PASSED
    <Data>
    <OctetString Value="\Device ID 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 (842)
(1) .logical_name PASSED
    <Data>
    <OctetString Value="00002A0000FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString Value="\LG21030736954046" />
    </Data>

*****
Test Case 4 : Read SAP Assignment, 2 item(s)
*****

Mngmt Get SAP Assignment 0-0:41.0.0.255 (84)
(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="\LGZ1030736954046" />
</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="\V931009" />
    </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="\7519C3C6" />
    </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="\V931009" />
    </Data>

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

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

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

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

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
    <Data>
    <OctetString Value="07E10615FF11E00FF8000FF" />
    </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="07E106150311E00FF800080" />
    </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" />
      </Structure>
    </Array>
    </Data>

```

```
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0102FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0103FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0104FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0105FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0106FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0108FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
```

```

<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>

*****
Test Case 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="0001" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
    </Structure>
  </Array>
</Data>

```

PASSED

```

<OctetString Value="FFFF0105FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0106FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0108FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />

```

```

<OctetString Value="FFFF0303FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>

*****
Test Case 10 : Read Event Log Buffers, 20 item(s)
*****

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (8193)
(1) .logical_name PASSED
  <Data>
  <OctetString Value="0000636202FF" />
  </Data>
(2) .buffer PASSED
  Earliest date: 08-MAY-2017 17:05:13, latest date: 08-MAY-2017 17:07:29
  Middle date: 08-MAY-2017 17:06:49
(3) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="00000010" />
  </Data>
(4) .profile_entries PASSED
  <Data>
  <DoubleLongUnsigned Value="00000010" />
  </Data>

Mngmt Get Standard Event Log 0-0:99.98.0.255 (8301)
(5) .logical_name PASSED
  <Data>
  <OctetString Value="0000636200FF" />
  </Data>
(6) .buffer PASSED
  Earliest date: 03-MAY-2017 23:59:50, latest date: 02-APR-2018 00:00:09
  Middle date: 01-SEP-2017 23:59:50
(7) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="000000B5" />
  </Data>
(8) .profile_entries PASSED
  <Data>
  <DoubleLongUnsigned Value="000000B5" />
  </Data>

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (8316)
(9) .logical_name PASSED
  <Data>
  <OctetString Value="0000636201FF" />
  </Data>
(10) .buffer PASSED
  Earliest date: 01-JAN-2000 00:00:01, latest date: 21-JUN-2017 14:39:56
  Middle date: 06-MAY-2017 20:14:10
(11) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="0000002E" />

```


(12)	</Data> .profile_entries <Data> <DoubleLongUnsigned Value="00000048" /> </Data>	PASSED
	Mngmt Get Communication Log 0-0:99.98.5.255 (@331)	
(13)	.logical_name <Data> <OctetString Value="0000636205FF" /> </Data>	PASSED
	(14) .buffer Earliest date: 01-JAN-2000 00:01:04, latest date: 21-JUN-2017 17:46:02 Middle date: 05-MAY-2017 00:47:09	PASSED
(15)	.entries_in_use <Data> <DoubleLongUnsigned Value="00000041" /> </Data>	PASSED
	(16) .profile_entries <Data> <DoubleLongUnsigned Value="000000B5" /> </Data>	PASSED
	Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)	
(17)	.logical_name <Data> <OctetString Value="0000636204FF" /> </Data>	PASSED
	(18) .buffer Earliest date: 01-JAN-2000 00:00:07, latest date: 06-MAY-2017 06:56:11 Middle date: 01-JAN-2000 00:13:03	PASSED
(19)	.entries_in_use <Data> <DoubleLongUnsigned Value="0000001F" /> </Data>	PASSED
	(20) .profile_entries <Data> <DoubleLongUnsigned Value="000000B5" /> </Data>	PASSED
***** Test Case 11 : Reading Data of Billing Period 1, 8 item(s) *****		
	Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)	
(1)	.logical_name <Data> <OctetString Value="0000620100FF" /> </Data>	PASSED
	(2) .buffer Earliest date: 02-JUL-2017 00:00:00, latest date: 02-MAY-2018 00:00:00 Middle date: 02-JAN-2018 00:00:00	PASSED
(3)	.capture_objects <Data> <Array Qty="0005" > <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0003" /> <OctetString Value="0100010801FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0003" /> <OctetString Value="0100010802FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0003" /> <OctetString Value="0100020801FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0003" /> <OctetString Value="0100020802FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data>	PASSED
(4)	.capture_period <Data> <DoubleLongUnsigned Value="00000000" />	PASSED


```

</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="B0" />
</Data>
(15) .status PASSED
<Data>
<Unsigned Value="40" />
</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="0008" >
<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>
<Structure Qty="0002" >
<OctetString Value="" />
<OctetString Value="" />
</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>	
(26)	.access_number	PASSED
	<Data>	
	<Unsigned Value="A3" />	
	</Data>	
(27)	.status	PASSED
	<Data>	
	<Unsigned Value="40" />	
	</Data>	
(28)	.alarm	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (81618)		
(29)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0003180100FF" />	
	</Data>	
(30)	.mbus_port_reference	PASSED
	<Data>	
	<OctetString Value="0000180600FF" />	
	</Data>	
(31)	.capture_definition	PASSED
	<Data>	
	<Array Qty="0008" >	
	<Structure Qty="0002" >	
	<OctetString Value="E" />	
	<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>	
	<Structure Qty="0002" >	
	<OctetString Value="" />	
	<OctetString Value="" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="" />	
	<OctetString Value="" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="" />	
	<OctetString Value="" />	
	</Structure>	
	</Array>	
	</Data>	
(32)	.capture_period	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000E10" />	
	</Data>	
(33)	.primary_address	PASSED
	<Data>	
	<Unsigned Value="03" />	
	</Data>	
(34)	.identification_number	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00047BB4" />	

(35)	.manufacturer_id	PASSED
	<Data>	
	<LongUnsigned Value="19AC" />	
	</Data>	
(36)	.version	PASSED
	<Data>	
	<Unsigned Value="02" />	
	</Data>	
(37)	.device_type	PASSED
	<Data>	
	<Unsigned Value="03" />	
	</Data>	
(38)	.access_number	PASSED
	<Data>	
	<Unsigned Value="A5" />	
	</Data>	
(39)	.status	PASSED
	<Data>	
	<Unsigned Value="40" />	
	</Data>	
(40)	.alarm	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (81640)		
(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="0008" >	
	<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>	
	<Structure Qty="0002" >	
	<OctetString Value="" />	
	<OctetString Value="" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="" />	
	<OctetString Value="" />	
	</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="F4" />	
	</Data>	
(51)	.status	PASSED
	<Data>	
	<Unsigned Value="40" />	
	</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 (01662)	
(1)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0001180201FF" />	
	</Data>	
(2)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000D40" />	
	</Data>	
(3)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(4)	.status	PASSED
	<Data>	
	<Unsigned Value="20" />	
	</Data>	
(5)	.capture_time	PASSED
	<Data>	
	<OctetString Value="07E106150311E01FF800080" />	
	</Data>	
	Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (01670)	
(6)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0001180202FF" />	
	</Data>	
(7)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000000" />	
	</Data>	
(8)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="00" />	
	<Enum Value="FF" />	
	</Structure>	
	</Data>	
(9)	.status	PASSED
	<Data>	
	<Unsigned Value="01" />	
	</Data>	
(10)	.capture_time	PASSED
	<Data>	
	<OctetString Value="07D001010600000FF800000" />	
	</Data>	
	Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (01694)	
(11)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0002180201FF" />	
	</Data>	
(12)	.value	PASSED
	<Data>	
	<DoubleLongUnsigned Value="000009A3" />	
	</Data>	
(13)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(14)	.status	PASSED

```

<Data>
<Unsigned Value="20" />
</Data>
(15) .capture_time PASSED
<Data>
<OctetString Value="07E106150311E01FF800080" />
</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="00000000" />
</Data>
(18) .scaler_unit PASSED
<Data>
<Structure Qty="0002" >
<Integer Value="00" />
<Enum Value="FF" />
</Structure>
</Data>
(19) .status PASSED
<Data>
<Unsigned Value="01" />
</Data>
(20) .capture_time PASSED
<Data>
<OctetString Value="07D0010106000000FF800000" />
</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="00000CAE" />
</Data>
(23) .scaler_unit PASSED
<Data>
<Structure Qty="0002" >
<Integer Value="FD" />
<Enum Value="0D" />
</Structure>
</Data>
(24) .status PASSED
<Data>
<Unsigned Value="20" />
</Data>
(25) .capture_time PASSED
<Data>
<OctetString Value="07E106150311E00FF800080" />
</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="00000000" />
</Data>
(28) .scaler_unit PASSED
<Data>
<Structure Qty="0002" >
<Integer Value="00" />
<Enum Value="FF" />
</Structure>
</Data>
(29) .status PASSED
<Data>
<Unsigned Value="01" />
</Data>
(30) .capture_time PASSED
<Data>
<OctetString Value="07D0010106000000FF800000" />
</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="000006E7" />
  </Data>
(33) .scaler_unit PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="FD" />
      <Enum Value="0D" />
    </Structure>
  </Data>
(34) .status PASSED
  <Data>
    <Unsigned Value="20" />
  </Data>
(35) .capture_time PASSED
  <Data>
    <OctetString Value="07E106150311E00FF800080" />
  </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="00000000" />
  </Data>
(38) .scaler_unit PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="FF" />
    </Structure>
  </Data>
(39) .status PASSED
  <Data>
    <Unsigned Value="01" />
  </Data>
(40) .capture_time PASSED
  <Data>
    <OctetString Value="07D0010106000000FF800000" />
  </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="00" />
  </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="00" />
  </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="00" />
  </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="00" />
  </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: 11-JUN-2017 23:00:00, latest date: 21-JUN-2017 17:00:00
  Middle date: 18-JUN-2017 00:00:00
(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>

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(4)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(5)	.sort_method <Data> <Enum Value="04" /> </Data>	PASSED
(6)	.sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Data>	PASSED
(7)	.entries_in_use <Data> <DoubleLongUnsigned Value="0000001A" /> </Data>	PASSED
(8)	.profile_entries <Data> <DoubleLongUnsigned Value="00000198" /> </Data>	PASSED
Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)		
(9)	.logical_name <Data> <OctetString Value="0002180300FF" /> </Data>	PASSED
(10)	.buffer Earliest date: 11-JUN-2017 23:00:00, latest date: 21-JUN-2017 17:00:00 Middle date: 18-JUN-2017 00:00:00	PASSED
(11)	.capture_objects <Data> <Array Qty="0006" > <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0001" /> <OctetString Value="0002600A03FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0002180201FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0002180202FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0002180203FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0002180204FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data>	PASSED
(12)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(13)	.sort_method <Data> <Enum Value="04" /> </Data>	PASSED
(14)	.sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" />	PASSED

	</Structure>	
	</Data>	
(15)	.entries_in_use	PASSED
	<Data>	
	<DoubleLongUnsigned Value="0000001A" />	
	</Data>	
(16)	.profile_entries	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000198" />	
	</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: 12-JUN-2017 00:00:00, latest date: 21-JUN-2017 17:00:00	
	Middle date: 18-JUN-2017 00:00:00	
(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="04" />	
	</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="00000019" />	
	</Data>	
(24)	.profile_entries	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000198" />	
	</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: 12-JUN-2017 00:00:00, latest date: 21-JUN-2017 17:00:00
  Middle date: 18-JUN-2017 00:00:00
(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="04" />
  </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="00000019" />
  </Data>
(32) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="00000198" />
  </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 (81941)
(1) .logical_name PASSED
  <Data>
    <OctetString Value="0001180500FF" />
  </Data>
(2) .buffer PASSED
  Earliest date: 05-MAY-2017 11:33:55, latest date: 21-JUN-2017 14:31:24
  Middle date: 21-JUN-2017 14:31:08
(3) .capture_objects PASSED
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
      </Structure>
    </Array>
  </Data>

```

```

        <LongUnsigned Value="0000" />
    </Structure>
    </Array>
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0001" />
            <OctetString Value="0001600B04FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </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="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(7) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000006" />
    </Data>
(8) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000024" />
    </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: 05-MAY-2017 11:34:39, latest date: 21-JUN-2017 14:32:08
    Middle date: 21-JUN-2017 14:31:51
(11) .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="0002600B04FF" />
                <Integer Value="02" />
                <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="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(15) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000006" />
    </Data>
(16) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000024" />
    </Data>
Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)
(17) .logical_name PASSED
    <Data>

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	<OctetString Value="0003180500FF" />	
	</Data>	
(18)	.buffer Earliest date: 05-MAY-2017 11:35:25, latest date: 21-JUN-2017 14:32:47 Middle date: 21-JUN-2017 14:32:32	PASSED
(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="0000" />	
	<OctetString Value="000000000000" />	
	<Integer Value="00" />	
	<LongUnsigned Value="0000" />	
	</Structure>	
	</Data>	
(23)	.entries_in_use	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000006" />	
	</Data>	
(24)	.profile_entries	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000024" />	
	</Data>	
	Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (81974)	
(25)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0004180500FF" />	
	</Data>	
(26)	.buffer Earliest date: 05-MAY-2017 11:36:32, latest date: 21-JUN-2017 14:33:42 Middle date: 21-JUN-2017 14:33:29	PASSED
(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="0000" />	
	<OctetString Value="000000000000" />	
	<Integer Value="00" />	
	<LongUnsigned Value="0000" />	
	</Structure>	
	</Data>	

(31) .entries_in_use	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000006" /> </Data> </pre>	
(32) .profile_entries	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000024" /> </Data> </pre>	
Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)	
(33) .logical_name	PASSED
<pre> <Data> <OctetString Value="0000636203FF" /> </Data> </pre>	
(34) .buffer	PASSED
<pre> Earliest date: 11-JUN-2017 23:59:50, latest date: 01-APR-2018 23:59:50 Middle date: 01-APR-2018 23:59:50 </pre>	
(35) .capture_objects	PASSED
<pre> <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> </pre>	
(36) .capture_period	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000000" /> </Data> </pre>	
(37) .sort_method	PASSED
<pre> <Data> <Enum Value="01" /> </Data> </pre>	
(38) .sort_object	PASSED
<pre> <Data> <Structure Qty="0004" > <LongUnsigned Value="0000" /> <OctetString Value="000000000000" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data> </pre>	
(39) .entries_in_use	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000048" /> </Data> </pre>	
(40) .profile_entries	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000048" /> </Data> </pre>	
<pre> ***** Test Case 17 : Ext. M - M-Bus Disconnect, 22 item(s) ***** </pre>	
Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)	
(1) .logical_name	PASSED
<pre> <Data> <OctetString Value="0001180400FF" /> </Data> </pre>	
(2) .output_state	PASSED
<pre> <Data> <Boolean Value="01" /> </Data> </pre>	
(3) .control_state	PASSED
<pre> <Data> <Enum Value="01" /> </Data> </pre>	
(4) .control_mode	PASSED
<pre> <Data> <Enum Value="01" /> </Data> </pre>	
Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)	
(5) .logical_name	PASSED
<pre> <Data> <OctetString Value="0002180400FF" /> </Data> </pre>	
(6) .output_state	PASSED
<pre> <Data> <Boolean Value="01" /> </pre>	

(7)	.control_state	PASSED
	</Data>	
	<Data>	
	<Enum Value="00" />	
	</Data>	
(8)	.control_mode	PASSED
	<Data>	
	<Enum Value="01" />	
	</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="00" />	
	</Data>	
(12)	.control_mode	PASSED
	<Data>	
	<Enum Value="01" />	
	</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="00" />	
	</Data>	
(16)	.control_mode	PASSED
	<Data>	
	<Enum Value="01" />	
	</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="0001" >	
	<Structure Qty="0002" >	
	<OctetString Value="FFFFFFFF" />	
	<OctetString Value="FFFFFFFF" />	
	</Structure>	
	</Array>	
	</Data>	
	Mngmt Get M-Bus Disconnect 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" />
  <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>

```

```

</Array>
</Structure>
</Array>
</Data>
*****
Test Case 18 : FIT Push, 3 item(s)
*****
(1) Push on installation PASSED
(2) Push on alarm PASSED
(3) Push on power down INAPPLICABLE
    Push setup on power down not available
*****
Test Case 19 : FIT Miscellaneous, 4 item(s)
*****
(1) Disconnecter Script Table PASSED
(2) Load profile with period 1 DST ambiguity PASSED
(3) Load profile power down withing one period PASSED
(4) Load profile power down over two periods PASSED
*****
* CTI *
*****
//*****
// * CTI LG2 E450 ZMXi3x0xP_xxxxxx-xxS4*
// * Meter no. 36954046*
// * CTR #2*
// * 2017-05-04*
// *
//*****
// Conformance Test Information (CTI) Template
// 1.6
// Mandatory ''Manufacturer'' structure
// *****
Manufacturer = {
// Keep the leading '' to denote a visible-string.
// The manufacturer's FLAG id is a part of the DUT system title
Name = ''Landis + Gyr''
ThreeLettersId = ''LGZ''
}
// Mandatory ''DeviceUnderTest'' structure
// *****
DeviceUnderTest = {
Type = ''LG2 E450 ZMXi3x0xP..S4''
// IDISDeviceType it is part of the DUT system title.
// Package 1 single phase = 100
// Package 1 poly phase = 101
// Package 2 single phase = 102
// Package 2 poly phase = 103
IDISDeviceType = 103

// IDISFunctionType indicates the extension(s) supported by the DUT,
// it is also a part of the DUT system title.
// It is a set (possibly empty) of elements [Extension_D, Extension_L, Extension_M]
IDISFunctionType = [Extension_D, Extension_L, Extension_M]

// The serial number of the DUT is part of its system title.
SerialNr = 36954046

// (Optional) IPVersion indicates what IP related objects of the OM are tested.
IPVersion = IPv6

// (Optional) DataLinkLayer indicates what DL related objects of the OM are tested.
DataLinkLayer = G3

// (Optional) ConsumerInformationPush indicates that the related feature is implemented.
ConsumerInformationPush = TRUE
EUI64Address = ''0000000000000004''
}
// Optional ''TestOptions'' structure
TestOptions = {
DUTTelNr = ''+41419536544''
DUTIPAddress = ''10.0.0.0''
}
// Mandatory ''ObjectMode'' structure
// *****
// It defines the variant of the object model that the iCTT uses for testing.
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 (@205)
+ ''1-0:9.8.0.255|3'' // Apparent energy import (+VA) (QI+QIV) (@406)
+ ''1-0:10.8.0.255|3'' // Apparent energy export (-VA) (QII+QIII) (@412)
+ ''1-0:5.8.1.255|3'' // Reactive energy (QI) rate 1 (@515)
+ ''1-0:5.8.2.255|3'' // Reactive energy (QI) rate 2 (@521)
+ ''1-0:5.8.3.255|3'' // Reactive energy (QI) rate 3 (@527)

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+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@533)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@539)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@545)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@551)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@557)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@563)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@569)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@575)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@581)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@587)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@593)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@599)
+ '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (@605)
+ '1-0:9.4.0.255|5,' // Demand Register 5 - Apparent energy import (+VA) (@736)
+ '1-0:10.4.0.255|5,' // Demand Register 6 - Apparent energy export (-VA) (@749)
+ '1-0:14.7.0.255|3,' // Instantaneous net frequency; any phase (@1359)
+ '1-0:9.7.0.255|3,' // Instantaneous apparent import power (+VA) (@1395)
+ '1-0:16.24.0.255|5,' // Average Net Power (|+A|-|A|) (@1420)
+ '1-0:13.7.0.255|3,' // Instantaneous Power factor (+A/+VA) (@1446)
+ '1-0:13.3.0.255|4,' // Last Average Power factor (+A/+VA) (@1452)
+ '1-0:13.3.0.255|4,' // Minimum Power factor (+A/+VA) (@1460)
+ '1-0:0.8.2.255|3,' // Measurement Period 3 for Instantaneous values (@1468)
+ '0-1:24.6.0.255|74,' // M-Bus master port setup 2 (@1479)
+ '1-1:0.2.0.255|1,' // Flex firmware identifier
+ '0-0:15.0.1.255|22,' // Disconnect control scheduler
+ '0-0:10.0.106.255|9,' //Get Disconnecter script table
+ '0-0:96.3.10.255|70,' //Disconnect control
+ '0-0:96.11.2.255|1,' //Event Object - Disconnecter Control log
+ '0-0:99.98.2.255|7,' //Disconnecter Control Log
+ '0-0:17.0.0.255|71,' //Limiter
+ '1-0:31.4.0.255|21,' // Supervision monitor - Current Supervision IL1
+ '1-0:51.4.0.255|21,' //Supervision monitor 2 - Fuse supervision L2
+ '1-0:71.4.0.255|21,' //Supervision monitor 3 - Fuse supervision L3
+ '1-0:31.4.0.255|5,' // Average current L1 (for fuse supervision)
+ '1-0:51.4.0.255|5,' // Average current L2 (for fuse supervision)
+ '1-0:71.4.0.255|5,' // Average current L3 (for fuse supervision)
+ '1-0:15.24.0.255|5,' //Average Total Power (|+A|+|-A|)
+ '1-0:1.24.0.255|5,' // Average Import Power (+A)
+ '0-0:14.0.1.255|6,' // Register activation - Energy

InstanceExtraInfo = (
// Mbus Client (@1574)
LogicalName = '0-1:24.1.0.255'
ClassId = 72
Version = 1
)
InstanceExtraInfo = (
// Mbus Client (@1596)
LogicalName = '0-2:24.1.0.255'
ClassId = 72
Version = 1
)
InstanceExtraInfo = (
// Mbus Client (@1618)
LogicalName = '0-3:24.1.0.255'
ClassId = 72
Version = 1
)
InstanceExtraInfo = (
// Mbus Client (@1640)
LogicalName = '0-4:24.1.0.255'
ClassId = 72
Version = 1
)
InstanceExtraInfo = (
// Tarification script table (@129)
LogicalName = '0-0:10.0.100.255'
ClassId = 9
MethodExtraInfo = (
// execute
MethodId = 1
AccessRights = [ACTION]
)
)
InstanceExtraInfo = (
// Disconnecter Control Log (@181)
LogicalName = '0-0:99.98.2.255'
ClassId = 7
AttributeExtraInfo = (
// capture_objects
AttributeId = 3
AccessRights = [GET,SET]
)
)
InstanceExtraInfo = (
// Load Mgmt - Relay control 1 (@197)
LogicalName = '0-1:96.3.10.255'
ClassId = 70

```

```

AttributeExtraInfo = {
  // control_mode
  AttributeId = 4
  AccessRights = [GET,SET]
}

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

InstanceExtraInfo = {
  // Limiter (@213)
  LogicalName = '0-0:17.0.0.255'
  ClassId = 71
  AttributeExtraInfo = {
    // actions
    AttributeId = 11
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Standard Event Log (@261)
  LogicalName = '0-0:99.98.0.255'
  ClassId = 7
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Fraud Detection Log (@276)
  LogicalName = '0-0:99.98.1.255'
  ClassId = 7
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Power Failure Event Log (@1234)
  LogicalName = '1-0:99.97.0.255'
  ClassId = 7
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 3
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Power Quality Log (@1249)
  LogicalName = '0-0:99.98.4.255'
  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 = {
  // M-Bus Value channel 1, instance 1 (@1571)
  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 (@1579)
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 (@1587)
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 (@1595)
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 (@1603)
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 (@1611)
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 (@1619)
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 (@1627)
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 (@1635)
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 (@1643)
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 (@1651)
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 (@1659)
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 (@1667)
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 (@1675)
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 (@1683)
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 (@1691)
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 Master Control log object 1 (@1850)
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 (@1861)
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 (@1872)
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 (@1883)
LogicalName = '0-4:24.5.0.255'
ClassId = 7
AttributeExtraInfo = {
// capture_objects
AttributeId = 3
AccessRights = [GET,SET]
}
}

InstanceExtraInfo = {
// M-Bus Event Log (@1898)
LogicalName = '0-0:99.98.3.255'
ClassId = 7
AttributeExtraInfo = {
// capture_objects
AttributeId = 3
AccessRights = [GET,SET]
}
}

InstanceExtraInfo = {
// G3-PLC MAC Setup (@2217)
LogicalName = '0-0:29.1.0.255'
ClassId = 91
AttributeExtraInfo = {
// mac_key_table
AttributeId = 5
SetData = '\<Data>'
+' <Array Qty="01" >'
+' <Structure Qty="02" >'
+' <Unsigned Value="00" />'
+' <OctetString Value="112233445566778899AABBCCDDEEFF" />'
+' </Structure>'
+' </Array>'
+' </Data>'
}
}

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

InstanceExtraInfo = {
// Set value for Error register value
LogicalName = '0-0:97.97.0.255'
ClassId = 1
AttributeExtraInfo = {
AttributeId = 2
SetData = '\<Data><DoubleLongUnsigned Value="00000000" /></Data>'
}
}

InstanceExtraInfo = {
// Set value for Autoconnect (@2175)
LogicalName = '0-0:2.1.0.255'
ClassId = 29
AttributeExtraInfo = {
// destination list
AttributeId = 6
AccessRights = [GET,SET]
}
}

InstanceExtraInfo = {
// Push script table
LogicalName = '0-0:10.0.108.255'
ClassId = 9
AttributeExtraInfo = {
// capture_objects
AttributeId = 2
AccessRights = [GET]
}
}

```

```

)
InstanceExtraInfo = {
  // Push action scheduler - Interval_1
  LogicalName = '0-1:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}
InstanceExtraInfo = {
  // Push action scheduler - Interval_2
  LogicalName = '0-2:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}
InstanceExtraInfo = {
  // Push action scheduler - Interval_3
  LogicalName = '0-3:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}
InstanceExtraInfo = {
  // Push action scheduler - Interval_3
  LogicalName = '0-4:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}
InstanceExtraInfo = {
  LogicalName = '0-0:40.0.0.255'
  ClassId = 15
  Version = 2
}
InstanceExtraInfo = {
  LogicalName = '0-0:40.0.1.255'
  ClassId = 15
  Version = 2
}
InstanceExtraInfo = {
  LogicalName = '0-0:40.0.2.255'
  ClassId = 12
  Version = 3
}
}
InstanceExtraInfo = {
  LogicalName = '0-0:44.0.0.255'
  ClassId = 18
  AttributeExtraInfo = {
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}
InstanceExtraInfo = {
  LogicalName = '0-0:25.7.0.255'
  ClassId = 48
  MethodExtraInfo = {
    // execute
    MethodId = 1
    AccessRights = [ACTION]
  }
  MethodExtraInfo = {
    // execute
    MethodId = 2
    AccessRights = [ACTION]
  }
}
InstanceExtraInfo = {
  // Set value for image activation scheduler
  LogicalName = '0-0:15.0.2.255'
  ClassId = 22
  AttributeExtraInfo = {
    AttributeId = 4
    SetData = '\<Data>'
    + ' <Array Qty="01" >'
    + ' <Structure Qty="02" >'

```

```

+<OctetString Value="FFFFFFFF" />'
+<OctetString Value="FFFFFFFF" />'
+</Structure>'
+</Array>'
+</Data>'
}
}

InstanceExtraInfo = {
// Set clock to Current day at 10:00 am
LogicalName = '0-0:1.0.0.255'
ClassId = 8
AttributeExtraInfo = {
AttributeId = 2
SetData = '\<Data><OctetString Value="07E10615FF11E00FF800FF" /></Data>'
}
}

InstanceExtraInfo = {
// Set special days to 30 entries
LogicalName = '0-0:11.0.0.255'
ClassId = 11
AttributeExtraInfo = {
AttributeId = 2
SetData = '\<Data>'
+<Array Qty="11" >'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF101FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF102FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF103FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF104FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF105FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF106FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF107FF" />'
+<Unsigned Value="02" />'
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+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF108FF" />'
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+<OctetString Value="FFFF109FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF10AFF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF201FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF202FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+<Structure Qty="03" >'
+<LongUnsigned Value="0001" />'
+<OctetString Value="FFFF203FF" />'
+<Unsigned Value="02" />'
+</Structure>'
+</Array>'
}
}

```



```

} // Object model END
// Mandatory ''TestParameters'' structure
// *****
// Defines miscellaneous values used during the test
TestParameters = {

// Optional delay (in ms) after executing the Disconnect Control (class 70)
// connect and disconnect actions performed directly or via a script table.
ConnectDisconnectDelay = 15000
// Mandatory Client system title
clientSystemTitle = '4C475A6770120000'

// Mandatory structure for the ImageTransfer
ImageTransfer = {
// Image identifier as passed to the image_transfer_initiate method
// MFW...
ImageIdentifier = '5374727563745F303500'
// Filename of the image to transfer. If no filepath is given, then the file
// is supposed to be in the same directory as the CTI file
ImageFileName = '\V93.XX.10.09 Flex v2.img'
// Time (in ms) that the iCTT Loops reading the image_transfer status waiting for changes
Timeout = 300000 //in milliseconds
}
PushTimeout = 60000
MinInterWPDUFramesDelay = 1500
ProfilePeriodsQty = 10
CaptureDelay = 15000

// ClipCallDuration = 20000
// WakeUpDelay = 30000
AutoConnect = {
Repetitions = 2
RepetitionDelay = 30
}
}
// Mandatory ''SecurityElements''
// *****
// RemoteSecurityElements
RemoteSecurityElements = {
Public = {
ContextName = LONG_NAMES
MechanismName = LOWEST_LEVEL_SECURITY
Policy = NO_SECURITY
}
Management = {
ContextName = LONG_NAMES WITH CIPHERING // ( LONG_NAMES WITH CIPHERING, LONG_NAMES )
MechanismName = HIGH_LEVEL_SECURITY_GMAC // ( HIGH_LEVEL_SECURITY_GMAC, LOW_LEVEL_SECURITY )
Policy = AUTHENTICATION_AND_ENCRYPTION // ( ENCRYPTION, NO_SECURITY, AUTHENTICATION,AUTHENTICATION_AND_ENCRYPTION )
Password = '\12345678'
}
PreEstablished = {
Policy = AUTHENTICATION_AND_ENCRYPTION // ( NO_SECURITY, ENCRYPTION, AUTHENTICATION,AUTHENTICATION_AND_ENCRYPTION )
ServerMaxReceivePduSize = 1224
CipheringStyle = GENERAL
}
}
// LocalSecurityElements
// Mandatory, used when making ''local'' accesses.
LocalSecurityElements = {
Public = {
ContextName = LONG_NAMES
MechanismName = LOWEST_LEVEL_SECURITY
Policy = NO_SECURITY
}
Management = {
ContextName = LONG_NAMES WITH CIPHERING // ( LONG_NAMES WITH CIPHERING, LONG_NAMES )
MechanismName = HIGH_LEVEL_SECURITY_GMAC // ( HIGH_LEVEL_SECURITY_GMAC, LOW_LEVEL_SECURITY )
Policy = AUTHENTICATION_AND_ENCRYPTION
Password = '\12345678'
}
PreEstablished = {
Policy = NO_SECURITY // ( NO_SECURITY, ENCRYPTION, AUTHENTICATION,AUTHENTICATION_AND_ENCRYPTION )
ServerMaxReceivePduSize = 1224
CipheringStyle = GENERAL
}
}
// Parameters of the ''Local'' HDLC Profile
HDLCProfile = {
PhysicalLayer = {
OpeningMode = DIRECT_HDLC
HdlcBaud = 9600
}
DataLinkLayer = {
InactivityTimeout = 120000
InterFrameTimeout = 5000
ResponseTimeout = 10000
DISCToNDMTTimeout = 2000
AddressingSchemes = [ONE_BYTE_ADDRESSING]
}
}

```

```
LastRecToNextSendDelay = 100
}
}
G3PLCProfile = {
  ResponseTimeout = 45000
  ConnectTimeout = 30000
  UDPPort = 61616
  PSK = "AB10341145111BC3C12DE8FF11142204"
}
// END CTI

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

TestMode:          G3-PLC
Test Plan Signature: BFC18D5882976F2087BC007B67CDC246
Object Model:      IDIS - object model - V2.27 (20170124) - FIT MBUS Tests G350 (CorrectedAndValve status)-20170125.xlsx
DUT system title:  4C475A677233DFBE
Run number:        406
```