

Fit #74

Device: Yongtailong D223001

DNV-GL, Arnhem, Netherlands, 12.11.2021

Page 1 of 25

Final Interoperability Test Report

FIT #: **66**
 Date: 12/11/2021
 Location: DNV-GL, Arnhem, Netherlands
 Page 1 of 25

APPLICANT

Company: *Zhejiang Yongtailong Electronic Co., Ltd*

Address: No. 320 Tongsheng Road, Tongxiang, Zhejiang, China

DEVICE		
Device type	D223001	
Type indication on MID certificate		MID Certificate No.
DTS153/100A/V4FM		G31810~1
IDIS Specification reference	DNV-gl IDIS Certification run No	Digital signature of the test report.
Package 2 ed. 2.0	1591	4AE5C4D74D78D851B763BD18345A5D76
First certification	IDIS Label	Modular device
☐	0074	☐
General information about the device		

FIRMWARE VERSIONS TESTED				Final Interoperability Test No. 74
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	IP3W, 5(100)A, G 3PLC-210922.01			Passed

Honeywell

Iskraemeco d.d.

ltron

Landis+Gyr AG

Fit #74

Device: Yongtailong D223001

DNV-GL, Arnhem, Netherlands, 12.11.2021

Page 2 of 25

FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	\1P3W, 5(100)A, G 3PLC-210922.01			74	Passed

TEST REPORT - Firmware No. 1		
Test	Verdict	Remark
Connect and release	Passed	
All Device IDs	Passed	
COSEM logical device name	Passed	
SAP assignment	Passed	
FW version and signature	Passed	
All Device ID's	Passed	
Broadcast Date and time	Passed	
Broadcast Special Days Table	Passed	
Event logs	Passed	
Billing data period 1	Passed	
M-Bus Channel Setup	Passed	
M-Bus Results	Passed	
M-Bus Devices IDs	Passed	
M-Bus profiles	Passed	
M-Bus Load profiles	Passed	
M-Bus control logs	Passed	
M-Bus Disconnect log	Passed	
FIT Push	Passed	
FIT Miscellaneous	Passed	
Optical Port Connectivity	Passed	
Consumer Information Interface	Passed	
FIT Conformance Test Report		
<pre> ***** IDIS Conformance test report 09-NOV-2021 09:57:35 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels ***** ***** * Identification * ***** Manufacturer = { Name = '\Zhejiang Yongtailong Electronic Co.,LTD' ThreeLettersId = '\YTL' } DeviceUnderTest = { Type = '\YTL' IDISDeviceType = 102 IDISFunctionType = [EXTENSION_D, EXTENSION_L] SerialNr = 10001 IPVersion = IPV6 DataLinkLayer = G3 ConsumerInformationPush = FALSE EUI64Address = '000000FFFE010001' } Active firmware identifier (1-0:0.2.0.255) = \1P3W,5(100)A,G3PLC-210922.01 ***** * Summary * ***** PASSED 62 FAILED 0 DISABLED 0 INAPPLICABLE 211 INCONCLUSIVE 0 FATAL 0 TOTAL 273 ***** Test Case 1 : Connect and release, 4 item(s) ***** </pre>		

(1) Connect Public	PASSED
(2) Release Public	PASSED
(3) Connect Management	PASSED
(4) Release Management	PASSED

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

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)
(1) .logical_name PASSED

```
<Data>
  <OctetString value="0000600100FF" />
</Data>
```

(2) .value PASSED
<Data>
 <OctetString value="\000000010001" />
</Data>

Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)
(3) .logical_name PASSED

```
<Data>
  <OctetString value="0000600101FF" />
</Data>
```

(4) .value PASSED
<Data>
 <OctetString value="\000000010001" />
</Data>

Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)
(5) .logical_name PASSED

```
<Data>
  <OctetString value="0000600102FF" />
</Data>
```

(6) .value PASSED
<Data>
 <OctetString value="\00000000" />
</Data>

Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)
(7) .logical_name PASSED

```
<Data>
  <OctetString value="0000600103FF" />
</Data>
```

(8) .value PASSED
<Data>
 <OctetString value="\00000000" />
</Data>

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)
(9) .logical_name PASSED

```
<Data>
  <OctetString value="0000600104FF" />
</Data>
```

(10) .value PASSED
<Data>
 <OctetString value="\00000000" />
</Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)
(11) .logical_name PASSED

```
<Data>
  <OctetString value="0000600105FF" />
</Data>
```

(12) .value PASSED
<Data>
 <OctetString value="\00000000" />
</Data>

Test Case 3 : Read COSEM Logical Device Name, 2 item(s)

Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)
(1) .logical_name PASSED

```
<Data>
  <OctetString value="00002A0000FF" />
</Data>
```

(2) .value PASSED
<Data>
 <OctetString value="\YTL1020300010001" />

```

</Data>

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

Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)
(1) .logical_name PASSED
    <Data>
    <OctetString value="0000290000FF" />
    </Data>
(2) .SAP_assignment_list PASSED
    <Data>
    <Array Qty="0001" >
    <Structure Qty="0002" >
    <LongUnsigned value="0001" />
    <OctetString value="\YTL1020300010001" />
    </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="\1P3W,5(100)A,G3PLC-210922.01" />
    </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="\[?" />
    </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)
*****

```

Fit #74

Device: Yongtailong D223001

DNV-GL, Arnhem, Netherlands, 12.11.2021

Page 6 of 25

Pre Set Clock 0-0:1.0.0.255 (@75)

(1) .time

PASSED

<Data>

<OctetString Value="07E50B09FF0B0000FF8000FF" />

</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="07E50B09020B000000FFC400" />

</Data>

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

Pre Set Special Days Table 0-0:11.0.0.255 (@125)

(1) .entries

PASSED

<Data>

<Array Qty="001E" >

<Structure Qty="0003" >

<LongUnsigned Value="0001" />

<OctetString Value="FFFF0101FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0002" />

<OctetString Value="FFFF0102FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0003" />

<OctetString Value="FFFF0103FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0004" />

<OctetString Value="FFFF0104FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0005" />

<OctetString Value="FFFF0105FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0006" />

<OctetString Value="FFFF0106FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0007" />

<OctetString Value="FFFF0107FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0008" />

<OctetString Value="FFFF0108FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0009" />

<OctetString Value="FFFF0109FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="000A" />

<OctetString Value="FFFF010AFF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="000B" />

<OctetString Value="FFFF0201FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="000C" />

```

    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000D" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000E" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000F" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0206FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0207FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0012" />
    <OctetString Value="FFFF0208FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0013" />
    <OctetString Value="FFFF0209FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0014" />
    <OctetString Value="FFFF020AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0015" />
    <OctetString Value="FFFF0301FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0016" />
    <OctetString Value="FFFF0302FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0017" />
    <OctetString Value="FFFF0303FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0018" />
    <OctetString Value="FFFF0304FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0019" />
    <OctetString Value="FFFF0305FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001A" />
    <OctetString Value="FFFF0306FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001B" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001C" />
    <OctetString Value="FFFF0308FF" />

```

```

    <Unsigned Value="02" />
  </Structure>
</Array>
</Data>

```

Test Case 9 : Get Special Days, 1 item(s)

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

PASSED

```

  <Data>
    <Array Qty="001E" >
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0101FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0002" />
        <OctetString Value="FFFF0102FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0003" />
        <OctetString Value="FFFF0103FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0004" />
        <OctetString Value="FFFF0104FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0005" />
        <OctetString Value="FFFF0105FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0006" />
        <OctetString Value="FFFF0106FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0007" />
        <OctetString Value="FFFF0107FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0008" />
        <OctetString Value="FFFF0108FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0009" />
        <OctetString Value="FFFF0109FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="000A" />
        <OctetString Value="FFFF010AFF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="000B" />
        <OctetString Value="FFFF0201FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="000C" />
        <OctetString Value="FFFF0202FF" />

```



```

    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000D" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000E" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000F" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0206FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0207FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0012" />
    <OctetString Value="FFFF0208FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0013" />
    <OctetString Value="FFFF0209FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0014" />
    <OctetString Value="FFFF020AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0015" />
    <OctetString Value="FFFF0301FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0016" />
    <OctetString Value="FFFF0302FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0017" />
    <OctetString Value="FFFF0303FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0018" />
    <OctetString Value="FFFF0304FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0019" />
    <OctetString Value="FFFF0305FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001A" />
    <OctetString Value="FFFF0306FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001B" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001C" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>

```

```

</Structure>
<Structure Qty="0003" >
  <LongUnsigned value="001D" />
  <OctetString value="FFFF0309FF" />
  <Unsigned value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned value="001E" />
  <OctetString value="FFFF030AFF" />
  <Unsigned value="02" />
</Structure>
</Array>
</Data>

```

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

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)

(1) .logical_name	PASSED
<Data>	
<OctetString value="0000636202FF" />	
</Data>	
(2) .buffer	PASSED
Earliest date: 09-NOV-2021 08:54:18, latest date: 09-NOV-2021 08:59:18	
Middle date: 09-NOV-2021 08:56:18	
(3) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned value="00000007" />	
</Data>	
(4) .profile_entries	PASSED
<Data>	
<DoubleLongUnsigned value="00000064" />	
</Data>	

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)

(5) .logical_name	PASSED
<Data>	
<OctetString value="0000636200FF" />	
</Data>	
(6) .buffer	PASSED
Earliest date: 09-NOV-2021 08:54:18, latest date: 09-NOV-2021 12:05:52	
Middle date: 09-NOV-2021 11:01:50	
(7) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned value="0000004D" />	
</Data>	
(8) .profile_entries	PASSED
<Data>	
<DoubleLongUnsigned value="00000064" />	
</Data>	

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)

(9) .logical_name	PASSED
<Data>	
<OctetString value="0000636201FF" />	
</Data>	
(10) .buffer	PASSED
Earliest date: 09-NOV-2021 08:54:18, latest date: 09-NOV-2021 11:04:11	
Middle date: 09-NOV-2021 11:02:25	
(11) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned value="00000013" />	
</Data>	
(12) .profile_entries	PASSED
<Data>	
<DoubleLongUnsigned value="00000064" />	
</Data>	

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)

(13) .logical_name	PASSED
<Data>	
<OctetString value="0000636205FF" />	
</Data>	
(14) .buffer	PASSED
Earliest date: 09-NOV-2021 08:54:18, latest date: 09-NOV-2021 08:59:18	
Middle date: 09-NOV-2021 08:56:18	
(15) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned value="00000007" />	
</Data>	

```

(16) .profile_entries                                     PASSED
    <Data>
    <DoubleLongUnsigned value="00000064" />
    </Data>

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(17) .logical_name                                       PASSED
    <Data>
    <OctetString value="0000636204FF" />
    </Data>
(18) .buffer                                             PASSED
    Earliest date: 09-NOV-2021 08:54:18, latest date: 09-NOV-2021 08:59:18
    Middle date: 09-NOV-2021 08:56:18
(19) .entries_in_use                                     PASSED
    <Data>
    <DoubleLongUnsigned value="00000007" />
    </Data>
(20) .profile_entries                                     PASSED
    <Data>
    <DoubleLongUnsigned value="00000064" />
    </Data>

```

 Test Case 11 : Reading Data of Billing Period 1, 8 item(s)

```

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)
(1) .logical_name                                       PASSED
    <Data>
    <OctetString value="0000620100FF" />
    </Data>
(2) .buffer                                             PASSED
    Earliest date: 01-FEB-2021 00:00:00, latest date: 01-JUL-2021 00:00:00
    Middle date: 01-MAY-2021 00:00:00
(3) .capture_objects                                     PASSED
    <Data>
    <Array Qty="0005" >
    <Structure Qty="0004" >
    <LongUnsigned value="0008" />
    <OctetString value="0000010000FF" />
    <Integer value="02" />
    <LongUnsigned value="0000" />
    </Structure>
    <Structure Qty="0004" >
    <LongUnsigned value="0003" />
    <OctetString value="0100010801FF" />
    <Integer value="02" />
    <LongUnsigned value="0000" />
    </Structure>
    <Structure Qty="0004" >
    <LongUnsigned value="0003" />
    <OctetString value="0100010802FF" />
    <Integer value="02" />
    <LongUnsigned value="0000" />
    </Structure>
    <Structure Qty="0004" >
    <LongUnsigned value="0003" />
    <OctetString value="0100020801FF" />
    <Integer value="02" />
    <LongUnsigned value="0000" />
    </Structure>
    <Structure Qty="0004" >
    <LongUnsigned value="0003" />
    <OctetString value="0100020802FF" />
    <Integer value="02" />
    <LongUnsigned value="0000" />
    </Structure>
    </Array>
    </Data>
(4) .capture_period                                     PASSED
    <Data>
    <DoubleLongUnsigned value="00000000" />
    </Data>
(5) .sort_method                                       PASSED
    <Data>
    <Enum value="01" />
    </Data>
(6) .sort_object                                       PASSED
    <Data>
    <Structure Qty="0004" >
    <LongUnsigned value="0008" />

```

```

        <OctetString value="0000010000FF" />
        <Integer value="02" />
        <LongUnsigned value="0000" />
    </Structure>
</Data>
(7) .entries_in_use                                     PASSED
    <Data>
        <DoubleLongUnsigned value="00000006" />
    </Data>
(8) .profile_entries                                   PASSED
    <Data>
        <DoubleLongUnsigned value="0000000b" />
    </Data>

```

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

Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566)
(1) .logical_name
INAPPLICABLE
object is not required according to OM and/or extensions
(2) .comm_speed
INAPPLICABLE
object is not required according to OM and/or extensions

Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570)
(3) .logical_name
INAPPLICABLE
optional object is not implemented
(4) .comm_speed
INAPPLICABLE
optional object is not implemented

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574)
(5) .logical_name
INAPPLICABLE
object is not required according to OM and/or extensions
(6) .mbus_port_reference
INAPPLICABLE
object is not required according to OM and/or extensions
(7) .capture_definition
INAPPLICABLE
object is not required according to OM and/or extensions
(8) .capture_period
INAPPLICABLE
object is not required according to OM and/or extensions
(9) .primary_address
INAPPLICABLE
object is not required according to OM and/or extensions
(10) .identification_number
INAPPLICABLE
object is not required according to OM and/or extensions
(11) .manufacturer_id
INAPPLICABLE
object is not required according to OM and/or extensions
(12) .version
INAPPLICABLE
object is not required according to OM and/or extensions
(13) .device_type
INAPPLICABLE
object is not required according to OM and/or extensions
(14) .access_number
INAPPLICABLE
object is not required according to OM and/or extensions
(15) .status
INAPPLICABLE
object is not required according to OM and/or extensions
(16) .alarm
INAPPLICABLE
object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596)
(17) .logical_name
INAPPLICABLE
object is not required according to OM and/or extensions
(18) .mbus_port_reference
INAPPLICABLE
object is not required according to OM and/or extensions
(19) .capture_definition
INAPPLICABLE

```

    object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(21) .primary_address
INAPPLICABLE
    object is not required according to OM and/or extensions
(22) .identification_number
INAPPLICABLE
    object is not required according to OM and/or extensions
(23) .manufacturer_id
INAPPLICABLE
    object is not required according to OM and/or extensions
(24) .version
INAPPLICABLE
    object is not required according to OM and/or extensions
(25) .device_type
INAPPLICABLE
    object is not required according to OM and/or extensions
(26) .access_number
INAPPLICABLE
    object is not required according to OM and/or extensions
(27) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(28) .alarm
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)
(29) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(30) .mbus_port_reference
INAPPLICABLE
    object is not required according to OM and/or extensions
(31) .capture_definition
INAPPLICABLE
    object is not required according to OM and/or extensions
(32) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(33) .primary_address
INAPPLICABLE
    object is not required according to OM and/or extensions
(34) .identification_number
INAPPLICABLE
    object is not required according to OM and/or extensions
(35) .manufacturer_id
INAPPLICABLE
    object is not required according to OM and/or extensions
(36) .version
INAPPLICABLE
    object is not required according to OM and/or extensions
(37) .device_type
INAPPLICABLE
    object is not required according to OM and/or extensions
(38) .access_number
INAPPLICABLE
    object is not required according to OM and/or extensions
(39) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(40) .alarm
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)
(41) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(42) .mbus_port_reference
INAPPLICABLE
    object is not required according to OM and/or extensions
(43) .capture_definition
INAPPLICABLE
    object is not required according to OM and/or extensions
(44) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions

```

```

(45) .primary_address
INAPPLICABLE
    object is not required according to OM and/or extensions
(46) .identification_number
INAPPLICABLE
    object is not required according to OM and/or extensions
(47) .manufacturer_id
INAPPLICABLE
    object is not required according to OM and/or extensions
(48) .version
INAPPLICABLE
    object is not required according to OM and/or extensions
(49) .device_type
INAPPLICABLE
    object is not required according to OM and/or extensions
(50) .access_number
INAPPLICABLE
    object is not required according to OM and/or extensions
(51) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(52) .alarm
INAPPLICABLE
    object is not required according to OM and/or extensions

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

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)
(1) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(2) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
(3) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
(4) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(5) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)
(6) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(7) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
(8) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
(9) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(10) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)
(11) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(12) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
(13) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
(14) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(15) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)

```

```

(16) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(17) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
(18) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
(19) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(20) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)
(21) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(22) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
(23) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
(24) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(25) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)
(26) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(27) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
(28) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
(29) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(30) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
(31) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(32) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
(33) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
(34) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
(35) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)
(36) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(37) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
(38) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
(39) .status
INAPPLICABLE
    object is not required according to OM and/or extensions

```



```

(40) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

*****
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
INAPPLICABLE
    object is not required according to OM and/or extensions
(2) .value
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(3) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(4) .value
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(5) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(6) .value
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)
(7) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(8) .value
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)
(9) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(10) .value
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)
(11) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(12) .value
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)
(13) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(14) .value
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)
(15) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(16) .value
INAPPLICABLE
    object is not required according to OM and/or extensions

*****
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
INAPPLICABLE
    object is not required according to OM and/or extensions

```



```

(2) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(4) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(5) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(6) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(7) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(8) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)
(9) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(10) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(11) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(12) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(13) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(14) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(15) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(16) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)
(17) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(18) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(19) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(21) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(22) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(23) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(24) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)
(25) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(26) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions

```

```

(27) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(28) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(29) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(30) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(31) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(32) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

*****
Test Case 16 : Ext. M - M-Bus Control Logs, 40 item(s)
*****

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(1) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(2) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(4) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(5) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(6) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(7) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(8) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)
(9) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(10) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(11) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(12) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(13) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(14) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(15) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(16) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)
(17) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(18) .buffer
INAPPLICABLE

```

```

    object is not required according to OM and/or extensions
(19) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(21) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(22) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(23) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(24) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)
(25) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(26) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(27) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(28) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(29) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(30) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(31) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(32) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)
(33) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(34) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(35) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(36) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(37) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(38) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(39) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(40) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

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

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(1) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions

```

```

(2) .output_state
INAPPLICABLE
    object is not required according to OM and/or extensions
(3) .control_state
INAPPLICABLE
    object is not required according to OM and/or extensions
(4) .control_mode
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(5) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(6) .output_state
INAPPLICABLE
    object is not required according to OM and/or extensions
(7) .control_state
INAPPLICABLE
    object is not required according to OM and/or extensions
(8) .control_mode
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(9) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(10) .output_state
INAPPLICABLE
    object is not required according to OM and/or extensions
(11) .control_state
INAPPLICABLE
    object is not required according to OM and/or extensions
(12) .control_mode
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(13) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(14) .output_state
INAPPLICABLE
    object is not required according to OM and/or extensions
(15) .control_state
INAPPLICABLE
    object is not required according to OM and/or extensions
(16) .control_mode
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)
(17) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(18) .executed_script
INAPPLICABLE
    object is not required according to OM and/or extensions
(19) .type
INAPPLICABLE
    object is not required according to OM and/or extensions
(20) .execution_time
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect script table 0-1:10.0.106.255 (@1920)
(21) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(22) .scripts
INAPPLICABLE
    object is not required according to OM and/or extensions

```

```

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

```

```

(1) Push on installation
(2) Push on alarm
(3) Push on power down
INAPPLICABLE

```

```

PASSED
PASSED

```

```

Push setup on power down not available

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

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

// Mandatory 'Manufacturer' structure
// *****
Manufacturer =
{
    Name = '\Zhejiang Yongtailong Electronic Co.,LTD'
    ThreeLettersId = '\YTL'
}

// Mandatory 'DeviceUnderTest' structure
// *****
DeviceUnderTest =
{
    Type = '\YTL'
    IDISDeviceType = 102
    IDISFunctionType = [Extension_D, Extension_L]
    SerialNr = 00010001
    IPVersion = IPV6 // one of IPV4, IPV6
    DataLinkLayer = G3 // one of GPRS, ETHERNET
    ConsumerInformationPush = FALSE // or false
    EUI64Address = "000000FFFE010001"
}

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

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

        AttributeExtraInfo =
        {
            AttributeId = 5
            SetData = '\ ' +
            '<Data>' +
            '    <Array Qty = "01">' +
            '        <Structure Qty = "02">' +
            '            <Unsigned Value = "00" />' +
            '            <OctetString Value = "000000000000000059544C474D4B0000" />' +
            '        </Structure>' +
            '    </Array>' +
            ' </Data>'
            AccessRights = [SET]
        }
    }

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

    InstanceExtraInfo = {
        LogicalName = '0-0:1.0.0.255'
    }
}

```

```

    ClassId = 8
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString value="07E50B09FF0B0000FF8000FF" /></Data>' // yyyy mm
    }
dd dow hh mm ss
}

InstanceExtraInfo = {
    // Set special days to 30 entries
    LogicalName = '0-0:11.0.0.255'
    ClassId = 11
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data>'
+ '      <Array Qty="1E" >'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0001" />'
+ '          <OctetString value="FFFF0101FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0002" />'
+ '          <OctetString value="FFFF0102FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0003" />'
+ '          <OctetString value="FFFF0103FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0004" />'
+ '          <OctetString value="FFFF0104FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0005" />'
+ '          <OctetString value="FFFF0105FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0006" />'
+ '          <OctetString value="FFFF0106FF" />'
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+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0007" />'
+ '          <OctetString value="FFFF0107FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0008" />'
+ '          <OctetString value="FFFF0108FF" />'
+ '          <Unsigned value="02" />'
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+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0009" />'
+ '          <OctetString value="FFFF0109FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="000A" />'
+ '          <OctetString value="FFFF010AFF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="000B" />'
+ '          <OctetString value="FFFF0201FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="000C" />'
+ '          <OctetString value="FFFF0202FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="000D" />'
+ '          <OctetString value="FFFF0203FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'

```

```

+ '      <Structure Qty="03" >'
+ '      <LongUnsigned value="000E" />'
+ '      <OctetString value="FFFF0204FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="000F" />'
+ '      <OctetString value="FFFF0205FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0010" />'
+ '      <OctetString value="FFFF0206FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0011" />'
+ '      <OctetString value="FFFF0207FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0012" />'
+ '      <OctetString value="FFFF0208FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0013" />'
+ '      <OctetString value="FFFF0209FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0014" />'
+ '      <OctetString value="FFFF020AFF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
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+ '    </Structure>'
+ '    <Structure Qty="03" >'
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+ '      <OctetString value="FFFF0302FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0017" />'
+ '      <OctetString value="FFFF0303FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
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+ '      <OctetString value="FFFF0304FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
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+ '      <OctetString value="FFFF0305FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
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+ '      <OctetString value="FFFF0306FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="001B" />'
+ '      <OctetString value="FFFF0307FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="001C" />'
+ '      <OctetString value="FFFF0308FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="001D" />'
+ '      <OctetString value="FFFF0309FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'

```



```

+ '          <LongUnsigned value="001E" />'
+ '          <OctetString value="FFFF030AFF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '      </Array>'
+ '    </Data>'
  }
}

// Mandatory 'TestParameters' structure
// *****
TestParameters =
{
  ConnectDisconnectDelay = 70
  ClientSystemTitle = '58585A0102030405'
  ImageTransfer =
  {
    ImageIdentifier = '\D223001 210922C'
    ImageFileName = '\D223001 210922C.bin'
    Timeout = 60000
  }

  PushTimeout = 90000
  MinInterWPDUFramesDelay = 1200
  ProfilePeriodsQty = 6
  CaptureDelay = 10000
  WakeupDelay = 30000
}

// Mandatory 'SecurityElements'
// *****
// Mandatory, used for the 'local' mode.
LocalSecurityElements =
{
  Public =
  {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }

  Management =
  {
    ContextName = LONG_NAMES_WITH_CIPHERING
    MechanismName = HIGH_LEVEL_SECURITY_GMAC
    Policy = AUTHENTICATION_AND_ENCRYPTION
    CipheringStyle = GENERAL
  }

  PreEstablished =
  {
    Policy = NO_SECURITY
    ServerMaxReceivePDUSize = 1070
    CipheringStyle = GENERAL
  }
}

// RemoteSecurityElements
// Mandatory
RemoteSecurityElements =
{
  Public =
  {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }

  Management =
  {
    ContextName = LONG_NAMES_WITH_CIPHERING//LONG_NAMES//
    MechanismName = HIGH_LEVEL_SECURITY_GMAC//LOW_LEVEL_SECURITY//
    Policy = AUTHENTICATION_AND_ENCRYPTION//NO_SECURITY//
    CipheringStyle = GENERAL
    Password = '\12345678'
  }
}

```



```

    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePduSize = 1224
        CipheringStyle = GENERAL
    }
}

// SMS security elements
// Mandatory
SMSSecurityElements = {
    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePDUSize = 138
        CipheringStyle = GENERAL
    }
}

// Mandatory parameters of the 'Local' HDLC Profile
HDLCProfile =
{
    PhysicalLayer =
    {
        OpeningMode = DIRECT_HDLC // or MODE_E
        HdLcBaud = 9600
    }

    DataLinkLayer =
    {
        InactivityTimeout = 120000
        InterFrameTimeout = 100
        ResponseTimeout = 10000
        DISCTONDMTTimeout = 4000
        AddressingSchemes = [FOUR_BYTES_ADDRESSING] // TWO_BYTES_ADDRESSING, FOUR_BYTES_ADDRESSING
        // For TWO and FOUR bytes addressing schemes, we have to specify also a
        ServerLowerMACAddress
        ServerLowerMACAddress = 0x11
    }
}

// Mandatory parameters of the 'Remote' TCP Profile
TCPProfile =
{
    ServerTCPPort = 4059
    ResponseTimeout = 15000
    ConnectTimeout = 5000
    DisconnectToConnectDelay = 5000
}

// Mandatory parameters of the 'Remote' G3-PLC profile
G3PLCProfile = {
    FrequencyBand = FCC
    ResponseTimeout = 15000
    UDPPort = 61616
    ConnectTimeout = 10000
    PSK = "000000000000000059544C50534B0000"
}

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

TestMode:                G3-PLC
Test Plan Signature:     BFC18D5882976F2087BC007B67CDC246
Object Model:            IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29 (20200831)-FIT MBUS
Tests G350 (CorrectedAndValve status).xlsx
DUT system title:        59544C6630002711
Run number:              1591

```