

# Final Interoperability Test Report

FIT #: **69**  
 Date: 11/12/2021  
 Location: DNV-GL,Arnhem, Netherlands  
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## APPLICANT

Company: Ningbo Sanxing Smart Electric Co., Ltd

Address: No.16 Fengwan Road, Cicheng Town, Jiangbei District, Ningbo City, Zhejiang Province, 315034, China

| DEVICE                                      |   |  |
|---|---|--|
| Device type                                 | <b>S34U18</b>                           |  |
| <i>Type indication on MID certificate</i>   |   | <i>MID Certificate No.</i>                   |
| S34U18                                      |   | 1158-20                                      |
| <i>IDIS Specification reference</i>         | <i>DNV-gl IDIS Certification run No</i> | <i>Digital signature of the test report.</i> |
| Package 2 ed. 2.0                           | 1631                                    | DC4A75F1C66AE215F23DDA0FE6A13B7E             |
| <i>First certification</i>                  | <i>IDIS Label</i>                       | <i>Modular device</i>                        |
| <input checked="" type="checkbox"/>         | 0047                                    | <input checked="" type="checkbox"/>          |
| <i>General information about the device</i> |   |  |
|   |   |  |

| FIRMWARE VERSIONS TESTED |              |              |              | <i>Final Interoperability Test No. 61</i> |
|--------------------------|--------------|--------------|--------------|---|
| Firmware No.             | Firmware ID1 | Firmware ID2 | Firmware ID3 | Verdict                                   |
|                          |              |              |              |   |
|                          |              |              |              |   |

\_\_\_\_\_  
 Honeywell

\_\_\_\_\_  
 Iskraemeco d.d.

\_\_\_\_\_  
 Itron

\_\_\_\_\_  
 Landis+Gyr AG

Fit #69

Device:Ningbo Sanxing S34U18

DNV-GL,Arnhem, Netherlands, 11.12.2021

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| FIRMWARE VERSIONS HISTORY |              |              |              | <i>Final Integration Test</i> |         |
|---------------------------|--------------|--------------|--------------|-------------------------------|---------|
| Firmware No.              | Firmware ID1 | Firmware ID2 | Firmware ID3 | No.                           | Verdict |
|                           |              |              |              |                               |         |
|                           |              |              |              |                               |         |
|                           |              |              |              |                               |         |
|                           |              |              |              |                               |         |

| 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 12-NOV-2021 14:26:52 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels *****  ***** * Identification * *****  Manufacturer = {   Name = '\Ningbo Sanxing Smart Electric Co.,Ltd'   ThreeLettersId = '\AUX' } DeviceUnderTest = {   Type = '\S34U18'   IDISDeviceType = 103   IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M]   SerialNr = 19010205   IPVersion = IPV6   DataLinkLayer = G3   ConsumerInformationPush = FALSE   EUI64Address = '0000000019010205'   SMSSupported = FALSE   ClipCallSupported = FALSE }  Active firmware identifier (1-0:0.2.0.255) = \E.S34U18.SE.003374.V0.00.08  ***** * Summary * *****  PASSED                262 FAILED                 0 DISABLED               0 INAPPLICABLE          11 INCONCLUSIVE           0 </pre> |         |        |

|   |     |        |
|---|-----|--------|
| FATAL   | 0   |        |
| TOTAL   | 273 |        |
| *****   |     |        |
| Test Case 1 : Connect and release, 4 item(s)                          |     |        |
| *****   |     |        |
| (1) Connect Public  |     | PASSED |
| (2) Release Public  |     | PASSED |
| (3) Connect Management  |     | PASSED |
| (4) Release Management  |     | PASSED |
| *****   |     |        |
| Test Case 2 : Read Device IDs, 12 item(s)                             |     |        |
| *****   |     |        |
| Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)      |     |        |
| (1) .logical_name   |     | PASSED |
| <Data>  |     |        |
| <OctetString Value="0000600100FF" />                                  |     |        |
| </Data>   |     |        |
| (2) .value  |     | PASSED |
| <Data>  |     |        |
| <OctetString Value="\19010205" />                                     |     |        |
| </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="\002" />  |     |        |
| </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="\003" />  |     |        |
| </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="\004" />  |     |        |
| </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="\005" />  |     |        |
| </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="\Device ID6" />                                   |     |        |

```

</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="\AUX1030719010205" />
    </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="\AUX1030719010205" />
        </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="\E.S34U18.SE.003374.V0.00.08" />
    </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="340E" />
    </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="07E50B0CFF10000FF8000FF" />
  </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="07E50B0C05100001FFFFC400" />
  </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" />
  </Structure>
  </Array>
  </Data>

```

```

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

```

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

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

PASSED

```

<_Data>
  <Array Qty="001E" >
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0002" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0003" />

```



```

    <OctetString Value="FFFF0103FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0004" />
    <OctetString Value="FFFF0104FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="FFFF0105FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0006" />
    <OctetString Value="FFFF0106FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0007" />
    <OctetString Value="FFFF0107FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0008" />
    <OctetString Value="FFFF0108FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0009" />
    <OctetString Value="FFFF0109FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000A" />
    <OctetString Value="FFFF010AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000B" />
    <OctetString Value="FFFF0201FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000C" />
    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000D" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000E" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000F" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0206FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0207FF" />
    <Unsigned Value="02" />
  </Structure>

```

```

<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0013" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0014" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0015" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0016" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0017" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0018" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0019" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001A" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001B" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001C" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001D" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001E" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</_Data>

```

```

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

```

|  |        |
|--|--------|
| (1) .logical_name  | PASSED |
| <Data>   |        |
| <OctetString Value="0000636202FF" />                                   |        |
| </Data>  |        |
| (2) .buffer  | PASSED |
| Earliest date: 05-NOV-2021 12:58:12, latest date: 05-NOV-2021 12:58:30 |        |
| Middle date: 05-NOV-2021 12:58:23                                      |        |
| (3) .entries_in_use  | PASSED |
| <Data>   |        |
| <DoubleLongUnsigned Value="00000006" />                                |        |
| </Data>  |        |
| (4) .profile_entries   | PASSED |
| <Data>   |        |
| <DoubleLongUnsigned Value="0000001E" />                                |        |
| </Data>  |        |
| Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)                    |        |
| (5) .logical_name  | PASSED |
| <Data>   |        |
| <OctetString Value="0000636200FF" />                                   |        |
| </Data>  |        |
| (6) .buffer  | PASSED |
| Earliest date: 05-JUN-2021 12:52:13, latest date: 12-NOV-2021 16:00:03 |        |
| Middle date: 05-NOV-2021 13:03:40                                      |        |
| (7) .entries_in_use  | PASSED |
| <Data>   |        |
| <DoubleLongUnsigned Value="0000003C" />                                |        |
| </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: 05-JUN-2021 12:52:16, latest date: 05-NOV-2021 13:57:05 |        |
| Middle date: 05-NOV-2021 12:57:29                                      |        |
| (11) .entries_in_use   | PASSED |
| <Data>   |        |
| <DoubleLongUnsigned Value="00000008" />                                |        |
| </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: 05-JUN-2021 12:52:27, latest date: 12-NOV-2021 14:23:49 |        |
| Middle date: 05-NOV-2021 13:01:21                                      |        |
| (15) .entries_in_use   | PASSED |
| <Data>   |        |
| <DoubleLongUnsigned Value="0000005C" />                                |        |
| </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: 05-JUN-2021 12:52:44, latest date: 12-NOV-2021 14:23:58
Middle date: 05-NOV-2021 13:58:30
(19) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000014" />
  </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-JUL-2021 00:00:00, latest date: 01-NOV-2021 00:00:00
  Middle date: 01-SEP-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>

```

|   |   |
|---|---|
| <pre>                 &lt;/Structure&gt;             &lt;/Data&gt; (7) .entries_in_use             &lt;Data&gt;                 &lt;DoubleLongUnsigned Value="00000005" /&gt;             &lt;/Data&gt; (8) .profile_entries             &lt;Data&gt;                 &lt;DoubleLongUnsigned Value="0000000D" /&gt;             &lt;/Data&gt; </pre>  | <p>PASSED</p> <p>PASSED</p>               |
| <p>*****<br/>                 Test Case 12 : Ext. M - M-Bus Setup LGZ G350, 52 item(s)<br/>                 *****</p>   |   |
| <pre> Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566) (1) .logical_name     &lt;Data&gt;         &lt;OctetString Value="0000180600FF" /&gt;     &lt;/Data&gt; (2) .comm_speed     &lt;Data&gt;         &lt;Enum Value="03" /&gt;     &lt;/Data&gt; </pre>  | <p>PASSED</p> <p>PASSED</p>               |
| <pre> Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570) (3) .logical_name INAPPLICABLE     Optional object is not implemented (4) .comm_speed INAPPLICABLE     Optional object is not implemented </pre>   |   |
| <pre> Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574) (5) .logical_name     &lt;Data&gt;         &lt;OctetString Value="0001180100FF" /&gt;     &lt;/Data&gt; (6) .mbus_port_reference     &lt;Data&gt;         &lt;OctetString Value="0000180600FF" /&gt;     &lt;/Data&gt; (7) .capture_definition     &lt;Data&gt;         &lt;Array Qty="0004" &gt;             &lt;Structure Qty="0002" &gt;                 &lt;OctetString Value="\L" /&gt;                 &lt;OctetString Value="933A" /&gt;             &lt;/Structure&gt;             &lt;Structure Qty="0002" &gt;                 &lt;OctetString Value="8940" /&gt;                 &lt;OctetString Value="FD1A" /&gt;             &lt;/Structure&gt;             &lt;Structure Qty="0002" &gt;                 &lt;OctetString Value="0000000000000000" /&gt;                 &lt;OctetString Value="0000000000000000" /&gt;             &lt;/Structure&gt;             &lt;Structure Qty="0002" &gt;                 &lt;OctetString Value="0000000000000000" /&gt;                 &lt;OctetString Value="0000000000000000" /&gt;             &lt;/Structure&gt;         &lt;/Array&gt;     &lt;/Data&gt; </pre> | <p>PASSED</p> <p>PASSED</p> <p>PASSED</p> |
| <pre> (8) .capture_period     &lt;Data&gt;         &lt;DoubleLongUnsigned Value="00000E10" /&gt;     &lt;/Data&gt; (9) .primary_address     &lt;Data&gt;         &lt;Unsigned Value="01" /&gt;     &lt;/Data&gt; (10) .identification_number     &lt;Data&gt; </pre>  | <p>PASSED</p> <p>PASSED</p> <p>PASSED</p> |

|   |  |        |
|---|--|--------|
|   | <DoubleLongUnsigned Value="00293809" />  |        |
|   | </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="8F" />                  |        |
|   | </Data>                                  |        |
| (15)  | .status                                  | PASSED |
|   | <Data>                                   |        |
|   | <Unsigned Value="04" />                  |        |
|   | </Data>                                  |        |
| (16)  | .alarm                                   | PASSED |
|   | <Data>                                   |        |
|   | <Unsigned Value="00" />                  |        |
|   | </Data>                                  |        |
| Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596) |  |        |
| (17)  | .logical_name                            | PASSED |
|   | <Data>                                   |        |
|   | <OctetString Value="0002180100FF" />     |        |
|   | </Data>                                  |        |
| (18)  | .mbus_port_reference                     | PASSED |
|   | <Data>                                   |        |
|   | <OctetString Value="0000180600FF" />     |        |
|   | </Data>                                  |        |
| (19)  | .capture_definition                      | PASSED |
|   | <Data>                                   |        |
|   | <Array Qty="0004" >                      |        |
|   | <Structure Qty="0002" >                  |        |
|   | <OctetString Value="\L" />               |        |
|   | <OctetString Value="933A" />             |        |
|   | </Structure>                             |        |
|   | <Structure Qty="0002" >                  |        |
|   | <OctetString Value="8940" />             |        |
|   | <OctetString Value="FD1A" />             |        |
|   | </Structure>                             |        |
|   | <Structure Qty="0002" >                  |        |
|   | <OctetString Value="0000000000000000" /> |        |
|   | <OctetString Value="0000000000000000" /> |        |
|   | </Structure>                             |        |
|   | <Structure Qty="0002" >                  |        |
|   | <OctetString Value="0000000000000000" /> |        |
|   | <OctetString Value="0000000000000000" /> |        |
|   | </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="00293810" />  |        |
|   | </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="8B" />                  |        |
|   | </Data>                                  |        |
| (27)  | .status                                  | PASSED |
|   | <Data>                                   |        |
|   | <Unsigned Value="04" />                  |        |
|   | </Data>                                  |        |
| (28)  | .alarm                                   | PASSED |
|   | <Data>                                   |        |
|   | <Unsigned Value="00" />                  |        |
|   | </Data>                                  |        |
| Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618) |  |        |
| (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="0004" >                      |        |
|   | <Structure Qty="0002" >                  |        |
|   | <OctetString Value="\L" />               |        |
|   | <OctetString Value="933A" />             |        |
|   | </Structure>                             |        |
|   | <Structure Qty="0002" >                  |        |
|   | <OctetString Value="8940" />             |        |
|   | <OctetString Value="FD1A" />             |        |
|   | </Structure>                             |        |
|   | <Structure Qty="0002" >                  |        |
|   | <OctetString Value="0000000000000000" /> |        |
|   | <OctetString Value="0000000000000000" /> |        |
|   | </Structure>                             |        |
|   | <Structure Qty="0002" >                  |        |
|   | <OctetString Value="0000000000000000" /> |        |
|   | <OctetString Value="0000000000000000" /> |        |
|   | </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="00293812" />  |        |
|   | </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" /><br></Data>  |        |
| (38)  | .access_number<br><Data><br><Unsigned Value="79" /><br></Data>  | PASSED |
| (39)  | .status<br><Data><br><Unsigned Value="04" /><br></Data>   | PASSED |
| (40)  | .alarm<br><Data><br><Unsigned Value="00" /><br></Data>  | PASSED |
| Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640) |   |        |
| (41)  | .logical_name<br><Data><br><OctetString Value="0004180100FF" /><br></Data>  | PASSED |
| (42)  | .mbus_port_reference<br><Data><br><OctetString Value="0000180600FF" /><br></Data>   | PASSED |
| (43)  | .capture_definition<br><Data><br><Array Qty="0004" ><br><Structure Qty="0002" ><br><OctetString Value="\L" /><br><OctetString Value="933A" /><br></Structure><br><Structure Qty="0002" ><br><OctetString Value="8940" /><br><OctetString Value="FD1A" /><br></Structure><br><Structure Qty="0002" ><br><OctetString Value="0000000000000000" /><br><OctetString Value="0000000000000000" /><br></Structure><br><Structure Qty="0002" ><br><OctetString Value="0000000000000000" /><br><OctetString Value="0000000000000000" /><br></Structure><br></Array><br></Data> | PASSED |
| (44)  | .capture_period<br><Data><br><DoubleLongUnsigned Value="00000E10" /><br></Data>   | PASSED |
| (45)  | .primary_address<br><Data><br><Unsigned Value="04" /><br></Data>  | PASSED |
| (46)  | .identification_number<br><Data><br><DoubleLongUnsigned Value="00293811" /><br></Data>  | PASSED |
| (47)  | .manufacturer_id<br><Data><br><LongUnsigned Value="19AC" /><br></Data>  | PASSED |
| (48)  | .version<br><Data><br><Unsigned Value="02" /><br></Data>  | PASSED |
| (49)  | .device_type<br><Data><br><Unsigned Value="03" /><br></Data>  | PASSED |
| (50)  | .access_number<br><Data><br><Unsigned Value="AC" /><br></Data>  | PASSED |



|  |        |
|--|--------|
| (51) .status   | PASSED |
| <Data>   |        |
| <Unsigned Value="04" />  |        |
| </Data>  |        |
| (52) .alarm  | PASSED |
| <Data>   |        |
| <Unsigned Value="00" />  |        |
| </Data>  |        |
| *****  |        |
| Test Case 13 : Ext. M - M-Bus Results uncorrected Vol. & valve, 40 item(s) |        |
| *****  |        |
| Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)         |        |
| (1) .logical_name  | PASSED |
| <Data>   |        |
| <OctetString Value="0001180201FF" />                                       |        |
| </Data>  |        |
| (2) .value   | PASSED |
| <Data>   |        |
| <DoubleLongUnsigned Value="00000F3D" />                                    |        |
| </Data>  |        |
| (3) .scaler_unit   | PASSED |
| <Data>   |        |
| <Structure Qty="0002" >  |        |
| <Integer Value="FD" />   |        |
| <Enum Value="0D" />  |        |
| </Structure>   |        |
| </Data>  |        |
| (4) .status  | PASSED |
| <Data>   |        |
| <Unsigned Value="00" />  |        |
| </Data>  |        |
| (5) .capture_time  | PASSED |
| <Data>   |        |
| <OctetString Value="07E50B05050D3B00FFFC400" />                            |        |
| </Data>  |        |
| Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)         |        |
| (6) .logical_name  | PASSED |
| <Data>   |        |
| <OctetString Value="0001180202FF" />                                       |        |
| </Data>  |        |
| (7) .value   | PASSED |
| <Data>   |        |
| <DoubleLongUnsigned Value="91CF1201" />                                    |        |
| </Data>  |        |
| (8) .scaler_unit   | PASSED |
| <Data>   |        |
| <Structure Qty="0002" >  |        |
| <Integer Value="00" />   |        |
| <Enum Value="FF" />  |        |
| </Structure>   |        |
| </Data>  |        |
| (9) .status  | PASSED |
| <Data>   |        |
| <Unsigned Value="00" />  |        |
| </Data>  |        |
| (10) .capture_time   | PASSED |
| <Data>   |        |
| <OctetString Value="07E50B05050D3B00FFFC400" />                            |        |
| </Data>  |        |
| Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)         |        |
| (11) .logical_name   | PASSED |
| <Data>   |        |
| <OctetString Value="0002180201FF" />                                       |        |
| </Data>  |        |
| (12) .value  | PASSED |
| <Data>   |        |
| <DoubleLongUnsigned Value="00000B4F" />                                    |        |
| </Data>  |        |
| (13) .scaler_unit  | PASSED |



|  |   |        |
|--|---|--------|
|  | </Data>   |        |
| (28)   | .scaler_unit<br><Data><br><Structure Qty="0002" ><br><Integer Value="00" /><br><Enum Value="FF" /><br></Structure><br></Data> | PASSED |
| (29)   | .status<br><Data><br><Unsigned Value="00" /><br></Data>   | PASSED |
| (30)   | .capture_time<br><Data><br><OctetString Value="FFFFFFFFFFFFFFFFFFFFFFFF" /><br></Data>  | PASSED |
| Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)     |   |        |
| (31)   | .logical_name<br><Data><br><OctetString Value="0004180201FF" /><br></Data>  | PASSED |
| (32)   | .value<br><Data><br><DoubleLongUnsigned Value="00000A8E" /><br></Data>  | PASSED |
| (33)   | .scaler_unit<br><Data><br><Structure Qty="0002" ><br><Integer Value="FD" /><br><Enum Value="0D" /><br></Structure><br></Data> | PASSED |
| (34)   | .status<br><Data><br><Unsigned Value="00" /><br></Data>   | PASSED |
| (35)   | .capture_time<br><Data><br><OctetString Value="07E50B05050D3B01FFFFC400" /><br></Data>  | PASSED |
| Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)     |   |        |
| (36)   | .logical_name<br><Data><br><OctetString Value="0004180202FF" /><br></Data>  | PASSED |
| (37)   | .value<br><Data><br><DoubleLongUnsigned Value="C1441301" /><br></Data>  | PASSED |
| (38)   | .scaler_unit<br><Data><br><Structure Qty="0002" ><br><Integer Value="00" /><br><Enum Value="FF" /><br></Structure><br></Data> | PASSED |
| (39)   | .status<br><Data><br><Unsigned Value="00" /><br></Data>   | PASSED |
| (40)   | .capture_time<br><Data><br><OctetString Value="07E50B05050D3B01FFFFC400" /><br></Data>  | PASSED |
| *****<br>Test Case 14 : Ext. M - M-Bus Device IDs, 16 item(s)<br>***** |   |        |
| Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)           |   |        |
| (1)  | .logical_name   | PASSED |



|  |        |
|--|--------|
| (16) .value  | PASSED |
| <pre> &lt;Data&gt;   &lt;OctetString Value="" /&gt; &lt;/Data&gt; </pre>   |        |
| <pre> ***** Test Case 15 : Ext. M - M-Bus Load Profiles, 32 item(s) ***** </pre>   |        |
| <pre> Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838) </pre>  |        |
| (1) .logical_name  | PASSED |
| <pre> &lt;Data&gt;   &lt;OctetString Value="0001180300FF" /&gt; &lt;/Data&gt; </pre>   |        |
| (2) .buffer  | PASSED |
| <pre> Earliest date: 05-NOV-2021 14:00:00, latest date: 12-NOV-2021 15:00:00 Middle date: 08-NOV-2021 15:00:00 </pre>  |        |
| (3) .capture_objects   | PASSED |
| <pre> &lt;Data&gt;   &lt;Array Qty="0006" &gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0008" /&gt;       &lt;OctetString Value="0000010000FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0001" /&gt;       &lt;OctetString Value="0001600A03FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0004" /&gt;       &lt;OctetString Value="0001180201FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0004" /&gt;       &lt;OctetString Value="0001180202FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0004" /&gt;       &lt;OctetString Value="0001180203FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0004" /&gt;       &lt;OctetString Value="0001180204FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;   &lt;/Array&gt; &lt;/Data&gt; </pre> |        |
| (4) .capture_period  | PASSED |
| <pre> &lt;Data&gt;   &lt;DoubleLongUnsigned Value="00000E10" /&gt; &lt;/Data&gt; </pre>  |        |
| (5) .sort_method   | PASSED |
| <pre> &lt;Data&gt;   &lt;Enum Value="01" /&gt; &lt;/Data&gt; </pre>  |        |
| (6) .sort_object   | PASSED |
| <pre> &lt;Data&gt;   &lt;Structure Qty="0004" &gt;     &lt;LongUnsigned Value="0008" /&gt;     &lt;OctetString Value="0000010000FF" /&gt;     &lt;Integer Value="02" /&gt;     &lt;LongUnsigned Value="0000" /&gt;   &lt;/Structure&gt; </pre>   |        |

|      |  |        |
|------|--|--------|
|      | </Structure>   |        |
|      | </Data>  |        |
| (7)  | .entries_in_use  | PASSED |
|      | <Data>   |        |
|      | <DoubleLongUnsigned Value="00000009" />                                  |        |
|      | </Data>  |        |
| (8)  | .profile_entries   | PASSED |
|      | <Data>   |        |
|      | <DoubleLongUnsigned Value="000003E8" />                                  |        |
|      | </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: 05-NOV-2021 14:00:00, latest date: 12-NOV-2021 15:00:00   |        |
|      | Middle date: 08-NOV-2021 15:00:00  |        |
| (11) | .capture_objects   | PASSED |
|      | <Data>   |        |
|      | <Array Qty="0006" >  |        |
|      | <Structure Qty="0004" >  |        |
|      | <LongUnsigned Value="0008" />  |        |
|      | <OctetString Value="0000010000FF" />                                     |        |
|      | <Integer Value="02" />   |        |
|      | <LongUnsigned Value="0000" />  |        |
|      | </Structure>   |        |
|      | <Structure Qty="0004" >  |        |
|      | <LongUnsigned Value="0001" />  |        |
|      | <OctetString Value="0002600A03FF" />                                     |        |
|      | <Integer Value="02" />   |        |
|      | <LongUnsigned Value="0000" />  |        |
|      | </Structure>   |        |
|      | <Structure Qty="0004" >  |        |
|      | <LongUnsigned Value="0004" />  |        |
|      | <OctetString Value="0002180201FF" />                                     |        |
|      | <Integer Value="02" />   |        |
|      | <LongUnsigned Value="0000" />  |        |
|      | </Structure>   |        |
|      | <Structure Qty="0004" >  |        |
|      | <LongUnsigned Value="0004" />  |        |
|      | <OctetString Value="0002180202FF" />                                     |        |
|      | <Integer Value="02" />   |        |
|      | <LongUnsigned Value="0000" />  |        |
|      | </Structure>   |        |
|      | <Structure Qty="0004" >  |        |
|      | <LongUnsigned Value="0004" />  |        |
|      | <OctetString Value="0002180203FF" />                                     |        |
|      | <Integer Value="02" />   |        |
|      | <LongUnsigned Value="0000" />  |        |
|      | </Structure>   |        |
|      | <Structure Qty="0004" >  |        |
|      | <LongUnsigned Value="0004" />  |        |
|      | <OctetString Value="0002180204FF" />                                     |        |
|      | <Integer Value="02" />   |        |
|      | <LongUnsigned Value="0000" />  |        |
|      | </Structure>   |        |
|      | </Array>   |        |
|      | </Data>  |        |
| (12) | .capture_period  | PASSED |
|      | <Data>   |        |
|      | <DoubleLongUnsigned Value="00000E10" />                                  |        |
|      | </Data>  |        |
| (13) | .sort_method   | PASSED |
|      | <Data>   |        |
|      | <Enum Value="01" />  |        |
|      | </Data>  |        |
| (14) | .sort_object   | PASSED |
|      | <Data>   |        |
|      | <Structure Qty="0004" >  |        |
|      | <LongUnsigned Value="0008" />  |        |
|      | <OctetString Value="0000010000FF" />                                     |        |

|  |  |
|--|--|
|  | <pre>                 &lt;Integer Value="02" /&gt;                 &lt;LongUnsigned Value="0000" /&gt;             &lt;/Structure&gt;         &lt;/Data&gt;     (15) .entries_in_use                                     PASSED         &lt;Data&gt;             &lt;DoubleLongUnsigned Value="00000009" /&gt;         &lt;/Data&gt;     (16) .profile_entries                                   PASSED         &lt;Data&gt;             &lt;DoubleLongUnsigned Value="000003E8" /&gt;         &lt;/Data&gt;  Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)     (17) .logical_name                                     PASSED         &lt;Data&gt;             &lt;OctetString Value="0003180300FF" /&gt;         &lt;/Data&gt;     (18) .buffer   PASSED         Earliest date: 05-NOV-2021 14:00:00, latest date: 12-NOV-2021 15:00:00         Middle date: 08-NOV-2021 15:00:00     (19) .capture_objects                                   PASSED         &lt;Data&gt;             &lt;Array Qty="0006" &gt;                 &lt;Structure Qty="0004" &gt;                     &lt;LongUnsigned Value="0008" /&gt;                     &lt;OctetString Value="0000010000FF" /&gt;                     &lt;Integer Value="02" /&gt;                     &lt;LongUnsigned Value="0000" /&gt;                 &lt;/Structure&gt;                 &lt;Structure Qty="0004" &gt;                     &lt;LongUnsigned Value="0001" /&gt;                     &lt;OctetString Value="0003600A03FF" /&gt;                     &lt;Integer Value="02" /&gt;                     &lt;LongUnsigned Value="0000" /&gt;                 &lt;/Structure&gt;                 &lt;Structure Qty="0004" &gt;                     &lt;LongUnsigned Value="0004" /&gt;                     &lt;OctetString Value="0003180201FF" /&gt;                     &lt;Integer Value="02" /&gt;                     &lt;LongUnsigned Value="0000" /&gt;                 &lt;/Structure&gt;                 &lt;Structure Qty="0004" &gt;                     &lt;LongUnsigned Value="0004" /&gt;                     &lt;OctetString Value="0003180202FF" /&gt;                     &lt;Integer Value="02" /&gt;                     &lt;LongUnsigned Value="0000" /&gt;                 &lt;/Structure&gt;                 &lt;Structure Qty="0004" &gt;                     &lt;LongUnsigned Value="0004" /&gt;                     &lt;OctetString Value="0003180203FF" /&gt;                     &lt;Integer Value="02" /&gt;                     &lt;LongUnsigned Value="0000" /&gt;                 &lt;/Structure&gt;                 &lt;Structure Qty="0004" &gt;                     &lt;LongUnsigned Value="0004" /&gt;                     &lt;OctetString Value="0003180204FF" /&gt;                     &lt;Integer Value="02" /&gt;                     &lt;LongUnsigned Value="0000" /&gt;                 &lt;/Structure&gt;             &lt;/Array&gt;         &lt;/Data&gt;     (20) .capture_period                                     PASSED         &lt;Data&gt;             &lt;DoubleLongUnsigned Value="00000E10" /&gt;         &lt;/Data&gt;     (21) .sort_method                                       PASSED         &lt;Data&gt;             &lt;Enum Value="01" /&gt;         &lt;/Data&gt;     (22) .sort_object                                       PASSED         &lt;Data&gt;             &lt;Structure Qty="0004" &gt; </pre> |
|--|--|





```

    <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="00000009" />
    </Data>
(32) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="000003E8" />
    </Data>

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

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(1) .logical_name PASSED
    <Data>
      <OctetString Value="0001180500FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 05-NOV-2021 12:59:41, latest date: 05-NOV-2021 12:59:52
    Middle date: 05-NOV-2021 12:59:49
(3) .capture_objects PASSED
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0001600B04FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
(4) .capture_period PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(5) .sort_method PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(6) .sort_object PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0000" />
        <OctetString Value="000700000008" />
        <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="0000001E" />
    </Data>

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)

```

|  |        |
|--|--------|
| (9) .logical_name  | PASSED |
| <pre> &lt;Data&gt;   &lt;OctetString Value="0002180500FF" /&gt; &lt;/Data&gt; </pre>   |        |
| (10) .buffer   | PASSED |
| <pre> Earliest date: 05-NOV-2021 12:59:59, latest date: 05-NOV-2021 13:00:11 Middle date: 05-NOV-2021 13:00:07 </pre>  |        |
| (11) .capture_objects  | PASSED |
| <pre> &lt;Data&gt;   &lt;Array Qty="0002" &gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0008" /&gt;       &lt;OctetString Value="0000010000FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0001" /&gt;       &lt;OctetString Value="0002600B04FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;   &lt;/Array&gt; &lt;/Data&gt; </pre> |        |
| (12) .capture_period   | PASSED |
| <pre> &lt;Data&gt;   &lt;DoubleLongUnsigned Value="00000000" /&gt; &lt;/Data&gt; </pre>  |        |
| (13) .sort_method  | PASSED |
| <pre> &lt;Data&gt;   &lt;Enum Value="01" /&gt; &lt;/Data&gt; </pre>  |        |
| (14) .sort_object  | PASSED |
| <pre> &lt;Data&gt;   &lt;Structure Qty="0004" &gt;     &lt;LongUnsigned Value="0000" /&gt;     &lt;OctetString Value="000800000009" /&gt;     &lt;Integer Value="00" /&gt;     &lt;LongUnsigned Value="0000" /&gt;   &lt;/Structure&gt; &lt;/Data&gt; </pre>   |        |
| (15) .entries_in_use   | PASSED |
| <pre> &lt;Data&gt;   &lt;DoubleLongUnsigned Value="00000006" /&gt; &lt;/Data&gt; </pre>  |        |
| (16) .profile_entries  | PASSED |
| <pre> &lt;Data&gt;   &lt;DoubleLongUnsigned Value="0000001E" /&gt; &lt;/Data&gt; </pre>  |        |
| Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)   |        |
| (17) .logical_name   | PASSED |
| <pre> &lt;Data&gt;   &lt;OctetString Value="0003180500FF" /&gt; &lt;/Data&gt; </pre>   |        |
| (18) .buffer   | PASSED |
| <pre> Earliest date: 05-NOV-2021 13:00:16, latest date: 05-NOV-2021 13:00:29 Middle date: 05-NOV-2021 13:00:25 </pre>  |        |
| (19) .capture_objects  | PASSED |
| <pre> &lt;Data&gt;   &lt;Array Qty="0002" &gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0008" /&gt;       &lt;OctetString Value="0000010000FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;     &lt;Structure Qty="0004" &gt;       &lt;LongUnsigned Value="0001" /&gt;       &lt;OctetString Value="0003600B04FF" /&gt;       &lt;Integer Value="02" /&gt;       &lt;LongUnsigned Value="0000" /&gt;     &lt;/Structure&gt;   &lt;/Array&gt; &lt;/Data&gt; </pre> |        |

|      |  |        |
|------|--|--------|
|      | </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="00090000000A" />                                   |        |
|      | <Integer Value="FF" />   |        |
|      | <LongUnsigned Value="FFFF" />  |        |
|      | </Structure>   |        |
|      | </Data>  |        |
| (23) | .entries_in_use  | PASSED |
|      | <Data>   |        |
|      | <DoubleLongUnsigned Value="00000006" />                                |        |
|      | </Data>  |        |
| (24) | .profile_entries   | PASSED |
|      | <Data>   |        |
|      | <DoubleLongUnsigned Value="0000001E" />                                |        |
|      | </Data>  |        |
|      | Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)     |        |
| (25) | .logical_name  | PASSED |
|      | <Data>   |        |
|      | <OctetString Value="0004180500FF" />                                   |        |
|      | </Data>  |        |
| (26) | .buffer  | PASSED |
|      | Earliest date: 05-NOV-2021 13:00:36, latest date: 05-NOV-2021 13:00:47 |        |
|      | Middle date: 05-NOV-2021 13:00:44                                      |        |
| (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="000AFFFFFFFF" />                                   |        |
|      | <Integer Value="FF" />   |        |
|      | <LongUnsigned Value="FFFF" />  |        |
|      | </Structure>   |        |
|      | </Data>  |        |
| (31) | .entries_in_use  | PASSED |
|      | <Data>   |        |
|      | <DoubleLongUnsigned Value="00000006" />                                |        |





```

    <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 Disconnecter script table 0-1:10.0.106.255 (@1920)
(21) .logical_name PASSED
    <Data>
      <OctetString Value="00010A006AFF" />
    </Data>

(22) .scripts PASSED
    <Data>
      <Array Qty="0010" >
        <Structure Qty="0002" >
          <LongUnsigned Value="0001" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="0001180400FF" />
              <Integer Value="03" />
              <Enum Value="02" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0002" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="0001180400FF" />
              <Integer Value="03" />
              <Enum Value="01" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0003" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="0002180400FF" />
              <Integer Value="03" />
              <Enum Value="02" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0004" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="0002180400FF" />
              <Integer Value="03" />
              <Enum Value="01" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0005" />
          <Array Qty="0001" >
            <Structure Qty="0005" >

```

```

        <Enum Value="01" />
        <LongUnsigned Value="0046" />
        <OctetString Value="0003180400FF" />
        <Integer Value="03" />
        <Enum Value="02" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0006" />
    <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>
</Data>

```

```

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

```



```

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

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

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

// Conformance Test Information (CTI) Template

Manufacturer = {
    Name = '\Ningbo Sanxing Smart Electric Co.,Ltd'
    ThreeLettersId = '\AUX'
}

DeviceUnderTest = {
    Type = '\S34U18'
    IDISDeviceType = 103
    IDISFunctionType = [Extension_D, Extension_L, Extension_M]
    SerialNr = 19010205
    IPVersion = IPv6
    DataLinkLayer = G3
    ConsumerInformationPush = FALSE
    EUI64Address = "0000000019010205"

    SMSSupported = FALSE
    ClipCallSupported = FALSE
}

TestOptions = {
    DUTTelNr = '\+31658021896'
    PushDestination = '\[fe80:0:0:0:781d:ff:fe00:0]:61616'
}

ObjectModel = {
    // Optional objects implemented
    OptionalObjects = '

    //Class 91 attribute 5.
    InstanceExtraInfo = {
        // G3-PLC MAC Setup (1277)
        LogicalName = '0-0:29.1.0.255'
        ClassId = 91
        AttributeExtraInfo = {
            //mac_key_table
            AttributeId = 5
            SetData = '\<Data>'
+'            <Array Qty="01" >'
+'                <Structure Qty="02" >'
+'                    <Unsigned Value="01" />'
+'                    <OctetString Value="FD9175FB0E0C0000726000003C9E8A04" />'
+'                </Structure>'
+'            </Array>'
+'        </Data>'
        }
    }

// Set value for Consumer Message Text
InstanceExtraInfo = {
    LogicalName = '0-0:96.13.0.255'

```

```

        ClassId = 1
        AttributeExtraInfo = {
            AttributeId = 2
            SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
        }
    }

InstanceExtraInfo = {
    // Current association (@9)
    LogicalName = '0-0:40.0.0.255'
    ClassId = 15
    AttributeExtraInfo = {
        // secret
        AttributeId = 7
        AccessRights = [SET]
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>' // set
data for secret.
    }
}

InstanceExtraInfo = {
    LogicalName = '0-1:96.3.10.255'
    ClassId = 70
    AttributeExtraInfo = {
        AttributeId = 4
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Predefined Scripts - Image activation (@407)
    LogicalName = '0-0:10.0.107.255'
    ClassId = 9
    AttributeExtraInfo = {
        // scripts
        AttributeId = 2
        AccessRights = [GET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:1.0.0.255'
    ClassId = 8
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="07E50B0CFF10000FF8000FF" /></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" />'
+'      </Array>'
    }
}

```

```

+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0004" />'
+'        <OctetString Value="FFFF0104FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0005" />'
+'        <OctetString Value="FFFF0105FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0006" />'
+'        <OctetString Value="FFFF0106FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0007" />'
+'        <OctetString Value="FFFF0107FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0008" />'
+'        <OctetString Value="FFFF0108FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0009" />'
+'        <OctetString Value="FFFF0109FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000A" />'
+'        <OctetString Value="FFFF010AFF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000B" />'
+'        <OctetString Value="FFFF0201FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000C" />'
+'        <OctetString Value="FFFF0202FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000D" />'
+'        <OctetString Value="FFFF0203FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000E" />'
+'        <OctetString Value="FFFF0204FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000F" />'
+'        <OctetString Value="FFFF0205FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0010" />'
+'        <OctetString Value="FFFF0206FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0011" />'
+'        <OctetString Value="FFFF0207FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0012" />'

```

```

+'          <OctetString Value="FFFF0208FF" />'
+'          <Unsigned Value="02" />'
+'        </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0013" />'
+'        <OctetString Value="FFFF0209FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned Value="0014" />'
+'      <OctetString Value="FFFF020AFF" />'
+'      <Unsigned Value="02" />'
+'    </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0015" />'
+'    <OctetString Value="FFFF0301FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0016" />'
+'   <OctetString Value="FFFF0302FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0017" />'
+'   <OctetString Value="FFFF0303FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0018" />'
+'   <OctetString Value="FFFF0304FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0019" />'
+'   <OctetString Value="FFFF0305FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001A" />'
+'   <OctetString Value="FFFF0306FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001B" />'
+'   <OctetString Value="FFFF0307FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001C" />'
+'   <OctetString Value="FFFF0308FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001D" />'
+'   <OctetString Value="FFFF0309FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001E" />'
+'   <OctetString Value="FFFF030AFF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' </Array>'
+' </Data>'
}
}
}

```

```

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

```

```

ImageTransfer = {
  ImageIdentifier = '\E.S34U18.SE.003374.V0.00.08'
  ImageFileName = '\E.S34U18.SE.003374.V0.00.08.bin'
  Timeout = 150000
}

PushTimeout = 60000
MinInterWPDUFramesDelay = 600
ProfilePeriodsQty = 6
CaptureDelay = 15000
ClipCallDuration = 20000

AutoConnect = {
  Repetitions = 0
  RepetitionDelay = 0
}

PushSetup = {
  NumberOfRetries = 1
  RepetitionDelay = 30
}

WakeUpDelay = 30000
DisconnectToSendSMSDelay = 10000
DataNotificationToDisconnectDelay = 4000
}

RemoteSecurityElements = {
  Public = {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }
  Management = {
    ContextName = LONG_NAMES_WITH_CIPHERING
    MechanismName = HIGH_LEVEL_SECURITY_GMAC
    Policy = AUTHENTICATION_AND_ENCRYPTION
    Password = '\12345678'
  }
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 1200
    CipheringStyle = GENERAL
  }
}

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

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

```

```

    CipherringStyle = GENERAL
  }
}

HDLCPProfile = {
  PhysicalLayer = {
    OpeningMode = MODE_E
    HdlcBaud = 9600
  }
  DataLinkLayer = {
    InactivityTimeout = 120000
    InterFrameTimeout = 1000
    ResponseTimeout = 4000
    DISCToNDMTimeout = 4000
    AddressingSchemes = [TWO_BYTES_ADDRESSING]
    ServerLowerMACAddress = 17
  }
}

TCPProfile = {
  ServerTCPPort = 4059
  ResponseTimeout = 30000
  ConnectTimeout = 5000
  DisconnectToConnectDelay = 3000
}

G3PLCProfile = {
  ResponseTimeout = 40000
  FrequencyBand = CENELEC_A
  ConnectTimeout = 15000
  UDPPort = 61616
  PSK = "0f0e0d0c0b0a09080706050403020100"
}

// END CTI_Template

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

TestMode:           G3-PLC
Test Plan Signature: BFC18D5882976F2087BC007B67CDC246
Object Model:       IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29 (20200831).xlsx
DUT system title:   415558677122129D
Run number:         1631

```