

Final Interoperability Test Report

FIT #: **56**
 Date: 18/05/2021
 Location: DNV-GL, Arnhem, Netherlands
 Page 1 of 25

APPLICANT

Company: Inhemeter Co., Ltd.

Address: 8/F & 9/F, 1A Software Park, Southern Hi-Tech Zone, Nanshan District, Shenzhen, China

DEVICE		
Device type	I210	
<i>Type indication on MID certificate</i>		<i>MID Certificate No.</i>
I210		1065-21
<i>IDIS Specification reference</i>	<i>DNV-gl IDIS Certification run No</i>	<i>Digital signature of the test report.</i>
Package 2 ed. 3.0	1427	DACF66B3C5D3456427BD1C6419F470BD
<i>First certification</i>	<i>IDIS Label</i>	<i>Modular device</i>
<input checked="" type="checkbox"/>	0065	<input checked="" type="checkbox"/>
<i>General information about the device</i>		

FIRMWARE VERSIONS TESTED				<i>Final Interoperability Test No. 56</i>
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	SKI1-7A-20120901	37412D454D552D3 1393039323930310 0	BLGC3-V30.09	Passed

Honeywell

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #56

Device: Inhemeter i210

DNV-GL, Arnhem, Netherlands, 21.05.2021

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FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	SKI1-7A-20120901	37412D454D552D3 1393039323930310 0	BLGC3-V30.09	65	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 18-MAY-2021 11:23:59 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels ***** ***** * Identification * ***** Manufacturer = { Name = '\Inhemeter co., Ltd' ThreeLettersId = '\IHM' } DeviceUnderTest = { Type = '\i210' IDISDeviceType = 102 IDISFunctionType = [EXTENSION_D] SerialNr = 90052179 IPVersion = IPV4 DataLinkLayer = GPRS ConsumerInformationPush = FALSE SMSSupported = FALSE ClipCallSupported = FALSE } Active firmware identifier (1-0:0.2.0.255) = \SKI1-7A-20120901 Active firmware identifier 1 (1-1:0.2.0.255) = 37412D454D552D313930393239303100 Active firmware identifier 2 (1-2:0.2.0.255) = \BLGC3-V30.09 ***** * Summary * ***** PASSED 70 FAILED 0 DISABLED 0 INAPPLICABLE 205 INCONCLUSIVE 0 FATAL 0 TOTAL 275 ***** </pre>		

<i>Test Case 1 : Connect and release, 4 item(s)</i>	

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

<i>Test Case 2 : Read Device IDs, 12 item(s)</i>	

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="\037990052179" />	
</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="\INHE-SKI1-7A" />	
</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="00" />	
</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="00" />	
</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="00" />	
</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="\INHE" />	
</Data>	

<i>Test Case 3 : Read COSEM Logical Device Name, 2 item(s)</i>	

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="\IHM1020190052179" />	

```

</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="\IHM1020190052179" />
    </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="\SKI1-7A-20120901" />
    </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="\235C6B66" />
    </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)
(5) .logical_name PASSED
    <Data>
    <OctetString value="0101000200FF" />
    </Data>
(6) .value PASSED
    <Data>
    <OctetString value="37412D454D552D313930393239303100" />
    </Data>

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)
(7) .logical_name PASSED
    <Data>
    <OctetString value="0101000208FF" />
    </Data>
(8) .value PASSED
    <Data>
    <OctetString value="\960ACD18" />
    </Data>

Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)
(9) .logical_name PASSED
    <Data>
    <OctetString value="0102000200FF" />
    </Data>
(10) .value PASSED
    <Data>
    <OctetString value="\BLGC3-V30.09" />
    </Data>

Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)
(11) .logical_name PASSED
    <Data>
    <OctetString value="0102000208FF" />
    </Data>
(12) .value PASSED
    <Data>
    <OctetString value="00000000000000000000000000000000" />

```

```

</Data>

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

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
  <Data>
  <OctetString Value="07E50512FF0D0000FF8000FF" />
  </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="07E50512020D000000800080" />
  </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" />
  </Structure>
  </Array>
  </Data>

```

```

    <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 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: 18-MAY-2021 10:26:09, latest date: 18-MAY-2021 12:25:00
    Middle date: 18-MAY-2021 10:27:08
(3) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000006" />
    </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: 18-MAY-2021 10:31:59, latest date: 18-MAY-2021 13:00:00
    Middle date: 18-MAY-2021 10:38:45
(7) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000D" />
    </Data>
(8) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="000003E8" />
    </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: 18-MAY-2021 10:08:23, latest date: 18-MAY-2021 10:11:46
    Middle date: 18-MAY-2021 10:11:01
(11) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </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: 18-MAY-2021 10:08:23, latest date: 18-MAY-2021 12:41:12
    Middle date: 18-MAY-2021 10:36:22
(15) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000017" />
    </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: 18-MAY-2021 10:08:24, latest date: 18-MAY-2021 10:09:22
    Middle date: 18-MAY-2021 10:09:01
(19) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned value="00000005" />
    </Data>
(20) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned value="000000c8" />
    </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: 14-MAY-2021 00:00:00, latest date: 18-MAY-2021 00:00:00
    Middle date: 16-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="0000" />
    <OctetString value="000000000000" />
    <Integer value="00" />
    <LongUnsigned value="0000" />
    </Structure>
    </Data>
(7) .entries_in_use PASSED
```

```

    <Data>
      <DoubleLongUnsigned value="00000005" />
    </Data>
  (8) .profile_entries                                     PASSED
    <Data>
      <DoubleLongUnsigned value="000000F0" />
    </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 Wake up, 2 item(s)
*****
(1) wake up with clip call from unknown number
INAPPLICABLE
    clip call not supported
(2) wake up with SMS from unknown number
INAPPLICABLE
    SMS not supported

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

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

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

//*****
//* CTI Inhemeter GPRS *

```

```

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

Manufacturer = {
  Name = '\Inhemeter co., Ltd'
  ThreeLettersId = '\IHM'
}

DeviceUnderTest = {
  Type = '\i210'
  IDISDeviceType = 102
  IDISFunctionType = [Extension_D]
  SerialNr = 90052179
  IPVersion = IPV4
  DataLinkLayer = GPRS
  ConsumerInformationPush = FALSE
  SMSSupported = FALSE
  ClipcallSupported = FALSE
}

TestOptions = {
  DUTTeINr = '\+31658021896'
}

objectModel = {
  // Optional objects implemented
  OptionalObjects = '\
+ '1-1:0.2.0.255|1,' // Active firmware identifier 1 (@420)
+ '1-1:0.2.8.255|1,' // Active firmware signature 1 (@424)
+ '1-2:0.2.0.255|1,' // Active firmware identifier 2 (@428)
+ '1-2:0.2.8.255|1,' // Active firmware signature 2 (@432)
+ '1-0:9.8.0.255|3,' // Apparent energy import (+VA) (QI+QIV) (@497)
+ '1-0:10.8.0.255|3,' // Apparent energy export (-VA) (QII+QIII) (@503)
+ '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@606)
+ '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@612)
+ '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@618)
+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@624)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@630)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@636)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@642)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@648)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@654)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@660)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@666)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@672)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@678)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@684)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@690)
+ '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (@696)
+ '1-0:9.8.1.255|3,' // Apparent energy import (+VA) rate 1 (@702)
+ '1-0:9.8.2.255|3,' // Apparent energy import (+VA) rate 2 (@708)
+ '1-0:9.8.3.255|3,' // Apparent energy import (+VA) rate 3 (@714)
+ '1-0:9.8.4.255|3,' // Apparent energy import (+VA) rate 4 (@720)
+ '1-0:10.8.1.255|3,' // Apparent energy export (-VA) rate 1 (@726)
+ '1-0:10.8.2.255|3,' // Apparent energy export (-VA) rate 2 (@732)
+ '1-0:10.8.3.255|3,' // Apparent energy export (-VA) rate 3 (@738)
+ '1-0:10.8.4.255|3,' // Apparent energy export (-VA) rate 4 (@744)
+ '1-0:15.8.1.255|3,' // Active energy Combined total (|+A|+|-A|) rate 1 (@750)
+ '1-0:15.8.2.255|3,' // Active energy Combined total (|+A|+|-A|) rate 2 (@756)
+ '1-0:15.8.3.255|3,' // Active energy Combined total (|+A|+|-A|) rate 3 (@762)
+ '1-0:15.8.4.255|3,' // Active energy Combined total (|+A|+|-A|) rate 4 (@768)
+ '1-0:14.7.0.255|3,' // Instantaneous net frequency; any phase (@1450)
+ '1-0:9.7.0.255|3,' // Instantaneous apparent import power (+VA) (@1486)
+ '1-0:10.7.0.255|3,' // Instantaneous apparent export power (-VA) (@1492)
+ '1-0:16.24.0.255|5,' // Average Net Power (|+A|+|-A|) (@1511)
+ '1-0:13.7.0.255|3' // Instantaneous Power factor (+A/+VA) (@1537)

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="07E50512FF0D0000FF8000FF" /></Data>' // yyyy mm
    }
  }
}

InstanceExtraInfo = {
  // Set special days to 30 entries
  LogicalName = '0-0:11.0.0.255'
  ClassId = 11
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data>'
+ '    <Array Qty="1E" >'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0001" />'
+ '        <OctetString value="FFFF0101FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0002" />'
+ '        <OctetString value="FFFF0102FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0003" />'
+ '        <OctetString value="FFFF0103FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0004" />'
+ '        <OctetString value="FFFF0104FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0005" />'
+ '        <OctetString value="FFFF0105FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0006" />'
+ '        <OctetString value="FFFF0106FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0007" />'
+ '        <OctetString value="FFFF0107FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0008" />'
+ '        <OctetString value="FFFF0108FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0009" />'
+ '        <OctetString value="FFFF0109FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="000A" />'
+ '        <OctetString value="FFFF010AFF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="000B" />'
+ '        <OctetString value="FFFF0201FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="000C" />'
+ '        <OctetString value="FFFF0202FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="000D" />'
+ '        <OctetString value="FFFF0203FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="000E" />'
+ '        <OctetString value="FFFF0204FF" />'

```

```

+'      <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000F" />'
+'        <OctetString Value="FFFF0205FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0010" />'
+'        <OctetString Value="FFFF0206FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0011" />'
+'        <OctetString Value="FFFF0207FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0012" />'
+'        <OctetString Value="FFFF0208FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0013" />'
+'        <OctetString Value="FFFF0209FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0014" />'
+'        <OctetString Value="FFFF020AFF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0015" />'
+'        <OctetString Value="FFFF0301FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0016" />'
+'        <OctetString Value="FFFF0302FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0017" />'
+'        <OctetString Value="FFFF0303FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0018" />'
+'        <OctetString Value="FFFF0304FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0019" />'
+'        <OctetString Value="FFFF0305FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="001A" />'
+'        <OctetString Value="FFFF0306FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="001B" />'
+'        <OctetString Value="FFFF0307FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="001C" />'
+'        <OctetString Value="FFFF0308FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="001D" />'
+'        <OctetString Value="FFFF0309FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="001E" />'
+'        <OctetString Value="FFFF030AFF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    </Array>'

```

```

+ '      </Data>'
  }
}

TestParameters = {
  ConnectDisconnectDelay = 3000
  ClientsystemTitle = '58585A0102030405'

  ImageTransfer = {
    ImageIdentifier = '\\SKI1-7A-20123101'
    ImageFileName = '\\SKI1-7A-20123101.bin'
    Timeout = 120000
  }

  PushTimeout = 65000
  MinInterWPDUFramesDelay = 500
  ProfilePeriodsQty = 10
  CaptureDelay = 10000
  Ctipca11Duration = 12000

  AutoConnect = {
    Repetitions = 0
    RepetitionDelay = 0
  }

  PushSetup = {
    NumberOfRetries = 0
    RepetitionDelay = 0
  }

  wakeupDelay = 30000
  DisconnectToSendSMSDelay = 10000
  DataNotificationToDisconnectDelay = 10000
}

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 = 1224
    CIPHERINGSTYLE = GENERAL
  }
}

RemoteSecurityElements = {
  Public = {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }
  Management = {
    ContextName = LONG_NAMES_WITH_CIPHERING
    MechanismName = HIGH_LEVEL_SECURITY_GMAC
    Policy = AUTHENTICATION_AND_ENCRYPTION
    Password = '\\12345678'
  }
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 1224
    CIPHERINGSTYLE = GENERAL
  }
}

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

```



```

    }
    }
    }
    HDLCProfile = {
        PhysicalLayer = {
            OpeningMode = MODE_E
            Hd1cBaud = 9600
        }
        DataLinkLayer = {
            InactivityTimeout          = 10000
            InterFrameTimeout          = 200
            ResponseTimeout             = 4000
            DISCTONDMTimeout           = 120000
            AddressingSchemes          = [ONE_BYTE_ADDRESSING]
            ServerLowerMACAddress      = 0x11
            LastRecToNextSendDelay     = 0
        }
        UIFrameDelay = 2000
        UIFrameLength = 126
    }

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

    // END CTI_Template

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

    TestMode:                TCP
    Test Plan Signature:     DACF66B3C5D3456427BD1C6419F470BD
    Object Model:            IDIS-S02-002 - object model Pack2 Ed2.0 - v2.29 (20200831)-FIT MBUS
    Tests G350 (CorrectedAndValve status).xlsx
    DUT system title:       49484D66155E1653
    Run number:             1427

```