

Final Interoperability Test Report

FIT #: **60**
 Date: 07.01.2021
 Location: DNV-GL, Arnhem, Netherlands
 Page 1 of 28

APPLICANT

Company: Shenzhen Star Instrument Co., Ltd

Address: 23/F., Coastal Building (West Block), Haide 3rd Road, Nanshan District, Shenzhen, China

DEVICE		
Device type	DTS27, Type:STZ351	
<i>Type indication on MID certificate</i>		<i>MID Certificate No.</i>
DTS27		1533-18
<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	1256	BFC18D5882976F2087BC007B67CDC246
<i>First certification</i>	<i>IDIS Label</i>	<i>Modular device</i>
<input checked="" type="checkbox"/>	0060	<input type="checkbox"/>
<i>General information about the device</i>		

FIRMWARE VERSIONS TESTED				<i>Final Interoperability Test No. 60</i>
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	\V0104			Passed

Honeywell

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #02

Device: DTS27, Type:STZ351

DNV-GL, Arnhem, Netherlands, 21.01.2021

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FIRMWARE VERSIONS HISTORY				<i>Final Integration Test</i>	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	\V0104			60	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 07-JAN-2021 11:36:08 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels ***** ***** * Identification * ***** Manufacturer = { Name = '\Shenzhen Star Instrument Co., Ltd.' ThreeLettersId = '\STA' } DeviceUnderTest = { Type = '\DTS27, Type:STZ351' IDISDeviceType = 103 IDISFunctionType = [EXTENSION_D, EXTENSION_L] SerialNr = 20999023 IPVersion = IPV6 DataLinkLayer = G3 ConsumerInformationPush = FALSE EUI64Address = '000020FFFE999023' } Active firmware identifier (1-0:0.2.0.255) = \V0104 ***** * Summary * ***** PASSED 62 FAILED 0 DISABLED 0 INAPPLICABLE 211 INCONCLUSIVE 0 FATAL 0 TOTAL 273 </pre>		

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*****
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="\20999023" />
    </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="\Device ID 2" />
    </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="\Device ID 3" />
    </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="\Device ID 4" />
    </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="\STO1_A23" />
    </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 ID 6" />
    </Data>

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*****
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="\STA1030320999023" />
    </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="\STA1030320999023" />
    </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="\V0104" />
    </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="\94676D3A" />
    </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

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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="07E50107FF0C0000FF8000FF" />
    </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="07E50107040C000000FFC400" />
    </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="0001" />
                <OctetString Value="FFFF0102FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0001" />
                <OctetString Value="FFFF0103FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0001" />
                <OctetString Value="FFFF0104FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0001" />
                <OctetString Value="FFFF0105FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0001" />
                <OctetString Value="FFFF0106FF" />
                <Unsigned Value="02" />
            </Structure>
        </Array>
    </Data>

```

```

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

```

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

```

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

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

(1) .entries

PASSED

```

  <Data>
    <Array Qty="001E" >
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0101FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0102FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0103FF" />
        <Unsigned Value="02" />
      </Structure>
    </Array>
  </Data>

```



```

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

```

```

    <OctetString Value="FFFF0208FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0209FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF020AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0301FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0302FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0303FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0304FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0305FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0306FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0309FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF030AFF" />
    <Unsigned Value="02" />
  </Structure>
</Array>
</Data>

```

```

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

```

```

Mngmt Get Disconnect Control Log 0-0:99.98.2.255 (@193)
(1) .logical_name
<Data>

```

PASSED

<code><OctetString Value="0000636202FF" /></code>		
<code></Data></code>		
(2) .buffer		PASSED
Earliest date: 07-JAN-2020 00:01:59, latest date: 07-JAN-2021 12:25:13		
Middle date: 07-JAN-2020 00:01:59		
(3) .entries_in_use		PASSED
<code><Data></code>		
<code><DoubleLongUnsigned Value="0000005C" /></code>		
<code></Data></code>		
(4) .profile_entries		PASSED
<code><Data></code>		
<code><DoubleLongUnsigned Value="00000064" /></code>		
<code></Data></code>		
Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)		
(5) .logical_name		PASSED
<code><Data></code>		
<code><OctetString Value="0000636200FF" /></code>		
<code></Data></code>		
(6) .buffer		PASSED
Earliest date: 07-JAN-2021 10:34:55, latest date: 30-OCT-2022 03:15:13		
Middle date: 07-JAN-2021 12:00:01		
(7) .entries_in_use		PASSED
<code><Data></code>		
<code><DoubleLongUnsigned Value="00000064" /></code>		
<code></Data></code>		
(8) .profile_entries		PASSED
<code><Data></code>		
<code><DoubleLongUnsigned Value="00000064" /></code>		
<code></Data></code>		
Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)		
(9) .logical_name		PASSED
<code><Data></code>		
<code><OctetString Value="0000636201FF" /></code>		
<code></Data></code>		
(10) .buffer		PASSED
Earliest date: 07-JAN-2020 00:01:03, latest date: 07-JAN-2021 12:29:52		
Middle date: 07-JAN-2020 00:09:38		
(11) .entries_in_use		PASSED
<code><Data></code>		
<code><DoubleLongUnsigned Value="00000064" /></code>		
<code></Data></code>		
(12) .profile_entries		PASSED
<code><Data></code>		
<code><DoubleLongUnsigned Value="00000064" /></code>		
<code></Data></code>		
Mngmt Get Communication Log 0-0:99.98.5.255 (@331)		
(13) .logical_name		PASSED
<code><Data></code>		
<code><OctetString Value="0000636205FF" /></code>		
<code></Data></code>		
(14) .buffer		PASSED
Earliest date: 02-JAN-2020 00:00:16, latest date: 07-JAN-2021 12:28:37		
Middle date: 02-JAN-2020 00:00:16		
(15) .entries_in_use		PASSED
<code><Data></code>		
<code><DoubleLongUnsigned Value="00000051" /></code>		
<code></Data></code>		
(16) .profile_entries		PASSED
<code><Data></code>		
<code><DoubleLongUnsigned Value="00000064" /></code>		
<code></Data></code>		
Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)		
(17) .logical_name		PASSED
<code><Data></code>		
<code><OctetString Value="0000636204FF" /></code>		
<code></Data></code>		
(18) .buffer		PASSED
Earliest date: 07-JAN-2020 00:12:35, latest date: 07-JAN-2021 12:25:48		
Middle date: 26-NOV-2020 10:34:22		

(19) .entries_in_use	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000035" /> </Data> </pre>	
(20) .profile_entries	PASSED
<pre> <Data> <DoubleLongUnsigned Value="000000C8" /> </Data> </pre>	
<pre> ***** Test Case 11 : Reading Data of Billing Period 1, 8 item(s) ***** </pre>	
<pre> Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158) </pre>	
(1) .logical_name	PASSED
<pre> <Data> <OctetString Value="0000620100FF" /> </Data> </pre>	
(2) .buffer	PASSED
<pre> Earliest date: 02-DEC-2020 00:00:00, latest date: 02-NOV-2022 00:00:00 Middle date: 02-DEC-2020 00:00:00 </pre>	
(3) .capture_objects	PASSED
<pre> <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> </pre>	
(4) .capture_period	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000000" /> </Data> </pre>	
(5) .sort_method	PASSED
<pre> <Data> <Enum Value="01" /> </Data> </pre>	
(6) .sort_object	PASSED
<pre> <Data> <Structure Qty="0004" > <LongUnsigned Value="0000" /> <OctetString Value="000000000000" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data> </pre>	

```

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

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

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

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

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

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

```

```

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

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

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)
(41) .logical_name
INAPPLICABLE

```

```

    Object is not required according to OM and/or extensions
(42) .mbus_port_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(43) .capture_definition
INAPPLICABLE
    Object is not required according to OM and/or extensions
(44) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(45) .primary_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(46) .identification_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(47) .manufacturer_id
INAPPLICABLE
    Object is not required according to OM and/or extensions
(48) .version
INAPPLICABLE
    Object is not required according to OM and/or extensions
(49) .device_type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(50) .access_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(51) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(52) .alarm
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

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

```

```

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

```

```

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

```

```

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

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)
(16) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(17) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(20) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

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

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

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
(31) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions

```



```

(32) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions
(33) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions
(34) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(35) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

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

*****
Test Case 14 : Ext. M - M-Bus Device IDs, 16 item(s)
*****

Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)
(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions

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

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

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

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

```

```

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

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

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

*****
Test Case 15 : Ext. M - M-Bus Load Profiles, 32 item(s)
*****

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)
(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(4) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(5) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(6) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(7) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(8) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

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

```

```

    Object is not required according to OM and/or extensions
(15) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(16) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

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

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)
(25) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(26) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(27) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(28) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(29) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(30) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(31) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(32) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

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

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE

```

```

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

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

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)
(17) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(21) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(22) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(23) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(24) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)
(25) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

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

```

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)

```

(33) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(34) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(35) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(36) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(37) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(38) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(39) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(40) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

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

```

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)

```

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

```

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)

```

(5) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(6) .output_state
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

(7) .control_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(8) .control_mode
INAPPLICABLE
    Object is not required according to OM and/or extensions

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

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

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

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

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

// Mandatory 'Manufacturer' structure
// *****
Manufacturer =
{
    Name = '\Shenzhen Star Instrument Co., Ltd.'
    ThreeLettersId = '\STA'
}

// Mandatory 'DeviceUnderTest' structure
// *****
DeviceUnderTest =
{
    Type = '\DTS27, Type:STZ351'
    IDISDeviceType = 103
    IDISFunctionType = [Extension_D, Extension_L]
    SerialNr = 20999023
    IPVersion = IPv6
    DataLinkLayer = G3
    ConsumerInformationPush = FALSE
    EUI64Address = "000020FFFE999023"
}

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

// Mandatory 'ObjectModel' structure
// *****
// It defines the current values of the optional elements of the object model.
// These are the optional objects, the optional access rights of attributes and/or
// methods. Also, default values for writing attributes can also be defined here.

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

        AttributeExtraInfo =
        {
            AttributeId = 5
            SetData = '\' +
                '<Data>' +
                ' <Array Qty = "01">' +
                ' <Structure Qty = "02">' +
                ' <Unsigned Value = "01" />' +
                ' <OctetString Value = "5354410102030405060708090A0B0C0D"/>' +
                ' </Structure>' +
                ' </Array>' +
                '</Data>'

            // If an access right is specified as optional in the object model like
            // (Get) or (Set), then the effective access right must be specified as
            // a set (possibly empty) of elements GET, SET and ACTION
            //
            AccessRights = [SET]
        }
    }

    // needed for conformance test.
    InstanceExtraInfo = {

```

```

// Set value for Consumer Message Text
LogicalName = '0-0:96.13.0.255'
ClassId = 1
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
  }
}
InstanceExtraInfo = {
  LogicalName = '0-0:1.0.0.255'
  ClassId = 8
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><OctetString Value="07E50107FF0C0000FF8000FF" /></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="0001" />'
+ '     <OctetString Value="FFFF0102FF" />'
+ '     <Unsigned Value="02" />'
+ '   </Structure>'
+ '   <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0103FF" />'
+ '     <Unsigned Value="02" />'
+ '   </Structure>'
+ '   <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0104FF" />'
+ '     <Unsigned Value="02" />'
+ '   </Structure>'
+ '   <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0105FF" />'
+ '     <Unsigned Value="02" />'
+ '   </Structure>'
+ '   <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0106FF" />'
+ '     <Unsigned Value="02" />'
+ '   </Structure>'
+ '   <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0107FF" />'
+ '     <Unsigned Value="02" />'
+ '   </Structure>'
+ '   <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0108FF" />'
+ '     <Unsigned Value="02" />'
+ '   </Structure>'
+ '   <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0109FF" />'
+ '     <Unsigned Value="02" />'
+ '   </Structure>'
+ '   <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'

```



```

+'          <OctetString Value="FFFF010AFF" />'
+'          <Unsigned Value="02" />'
+'        </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0001" />'
+'        <OctetString Value="FFFF0201FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned Value="0001" />'
+'      <OctetString Value="FFFF0202FF" />'
+'      <Unsigned Value="02" />'
+'    </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0001" />'
+'    <OctetString Value="FFFF0203FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0204FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0205FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0206FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0207FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0208FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0209FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF020AFF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0301FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0302FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0303FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0304FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'

```

```

+'          <Structure Qty="03" >'
+'            <LongUnsigned Value="0001" />'
+'            <OctetString Value="FFFF0305FF" />'
+'            <Unsigned Value="02" />'
+'          </Structure>'
+'          <Structure Qty="03" >'
+'            <LongUnsigned Value="0001" />'
+'            <OctetString Value="FFFF0306FF" />'
+'            <Unsigned Value="02" />'
+'          </Structure>'
+'          <Structure Qty="03" >'
+'            <LongUnsigned Value="0001" />'
+'            <OctetString Value="FFFF0307FF" />'
+'            <Unsigned Value="02" />'
+'          </Structure>'
+'          <Structure Qty="03" >'
+'            <LongUnsigned Value="0001" />'
+'            <OctetString Value="FFFF0308FF" />'
+'            <Unsigned Value="02" />'
+'          </Structure>'
+'          <Structure Qty="03" >'
+'            <LongUnsigned Value="0001" />'
+'            <OctetString Value="FFFF0309FF" />'
+'            <Unsigned Value="02" />'
+'          </Structure>'
+'          <Structure Qty="03" >'
+'            <LongUnsigned Value="0001" />'
+'            <OctetString Value="FFFF030AFF" />'
+'            <Unsigned Value="02" />'
+'          </Structure>'
+'        </Array>'
+'      </Data>'
+'    }
+'  }
}

// Mandatory ''TestParameters'' structure
// *****
// Defines miscellaneous values used during the test
TestParameters =
{
  ConnectDisconnectDelay = 5000
  ClientSystemTitle = '58585A0102030405'

  ImageTransfer =
  {
    ImageIdentifier = '\V0104-UPG'
    ImageFileName = '\V0104-UPG.img'
    Timeout = 120000
  }

  PushTimeout = 60000
  MinInterWPDUFramesDelay = 300
  ProfilePeriodsQty = 6
  CaptureDelay = 10000
}

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

```

```

}

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

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

// RemoteSecurityElements
// Mandatory
RemoteSecurityElements =
{

  Public =
  {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }

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

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

// Mandatory parameters of the ''Local'' HDLC Profile
HDLCProfile =
{

  PhysicalLayer =
  {
    OpeningMode = DIRECT_HDLC
    HdlcBaud = 9600
  }

  DataLinkLayer =
  {
    InactivityTimeout = 180000
    InterFrameTimeout = 100
    ResponseTimeout = 10000
    DISCToNDMTIMEOUT = 2000
    AddressingSchemes = [FOUR_BYTES_ADDRESSING] // TWO_BYTES_ADDRESSING,
FOUR_BYTES_ADDRESSING
    ServerLowerMACAddress = 0x10
  }
}

// Mandatory parameters of the ''Remote'' TCP Profile
TCPProfile =
{
  ServerTCPPort = 4059
  ResponseTimeout = 30000
  ConnectTimeout = 10000
}

```

```
    DisconnectToConnectDelay = 5000
}

// Mandatory parameters of the ''Remote'' G3-PLC profile
G3PLCProfile = {
    FrequencyBand = FCC
    ResponseTimeout = 30000
    UDPPort = 61616
    ConnectTimeout = 30000
    PSK = "7FFE8001000000000000000000000000"
}

// END CTI_Template

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

TestMode:                G3-PLC
Test Plan Signature:     BFC18D5882976F2087BC007B67CDC246
Object Model:           IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29 (20200831)-FIT MBUS
Tests G350 (CorrectedAndValve status).xlsx
DUT system title:       5354416731406B6F
Run number:             1256
```