

Final Interoperability Test Report

FIT #: **26**
 Date: 01.03.2018
 Location: DNV-GL, Arnhem, Netherlands
 Page 1 of 62

APPLICANT

Company: MIKROELEKTRONIKA ČAJAVEC AD

Address: BLAGOJA PAROVIĆA BB, 78000 BANJA LUKA BA, Bosnia and Herzegovina

DEVICE

Device type	MEM500	
<i>Type indication on MID certificate</i>		<i>MID Certificate No.</i>
MEM500		SIQ: 14MID005
<i>IDIS Specification reference</i>	<i>KEMA IDIS Certification run No</i>	<i>Digital signature of the test report.</i>
Package 1 ed. 1.1	218	A6604DA236D5FCE7AE9DCEA204F32908
<i>First certification</i>	<i>IDIS Label</i>	<i>Modular device</i>
<input checked="" type="checkbox"/>	0034	<input type="checkbox"/>
<i>General information about the device</i>		

FIRMWARE VERSIONS TESTED

Final Interoperability Test No. 26

Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	V014101.0k	V010508.21		

Honeywell/Elster GmbH

Iskraemeco d.d.

Ittron

Landis+Gyr AG

FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	V014101.0k	V010508.21		26	PASSED

DRAFT

TEST REPORT - Firmware No. 3

Test	Verdict	Remark
Meter discovery and registering	Passed	
M-Bus device discovery [Extension M]	Passed	
S-FSK related data	Passed	
All Device ID's	Passed	
SAP assignment	Passed	
COSEM logical device name	Passed	
FW version and signature	Passed	
Broadcast Date and time	Passed	
Broadcast Special Days Table	Passed	
Event logs	Passed	
Billing period data	Passed	
Optical Port Connectivity	Passed	
Alarm Reporting	Passed	

FIT Conformance Test Report

```

*****
IDIS Conformance test report
01-MAR-2018 12:24:54
iCTT1 Package 1, Edition 1.1, Revision 1 (210)
Licensed to: KEMA-IDIS Cert.
Tester: Bas Roelofsen
*****

```

```

*****
* Identification *
*****

```

```

Manufacturer = {
  Name = '\Mikroelektronika'
  ThreeLettersId = '\MEL'
}
DeviceUnderTest = {
  Type = '\MEM500'
  IDISDeviceType = 100
  IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M]
  SerialNr = 12000017
}

```

```

Active firmware version (1-0:0.2.0.255) = \V014101.0k
Active firmware version 1 (1-1:0.2.0.255) = \V010508.21

```

```

*****
* Summary *
*****

```

```

PASSED                234
FAILED                0
DISABLED              0
INAPPLICABLE          8
INCONCLUSIVE          0
FATAL                 0
TOTAL                 242

```

```

*****
Test Case 1 : Discovery, 1 item(s)
*****
(1) Meter Discovery

```

PASSED

```

*****
Test Case 2 : Connect and release, 4 item(s)
*****

```

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

```
*****
Test Case 3 : Read S-FSK settings, 35 item(s)
*****
```

Mngmt Get S-FSK Phy&MAC setup 0-0:26.0.0.255 (@1933)

```
(1) .logical_name PASSED
    <Data>
    <OctetString Value="00001A0000FF" />
    </Data>
(2) .initiator_electrical_phase PASSED
    <Data>
    <Enum Value="03" />
    </Data>
(3) .delta_electrical_phase PASSED
    <Data>
    <Enum Value="04" />
    </Data>
(4) .max_receiving_gain PASSED
    <Data>
    <Unsigned Value="2A" />
    </Data>
(5) .max_transmitting_gain PASSED
    <Data>
    <Unsigned Value="00" />
    </Data>
(6) .search_initiator_gain PASSED
    <Data>
    <Unsigned Value="62" />
    </Data>
(7) .frequencies PASSED
    <Data>
    <Structure Qty="0002" >
    <DoubleLongUnsigned Value="0000F744" />
    <DoubleLongUnsigned Value="00012110" />
    </Structure>
    </Data>
(8) .mac_address PASSED
    <Data>
    <LongUnsigned Value="0001" />
    </Data>
(9) .mac_group_addresses PASSED
    <Data>
    <Array Qty="0005" >
    <LongUnsigned Value="0000" />
    <LongUnsigned Value="0000" />
    <LongUnsigned Value="0000" />
    <LongUnsigned Value="0000" />
    <LongUnsigned Value="0000" />
    </Array>
    </Data>
(10) .repeater PASSED
    <Data>
    <Enum Value="02" />
    </Data>
(11) .repeater_status PASSED
    <Data>
    <Bool Value="00" />
    </Data>
(12) .min_delta_credit PASSED
    <Data>
    <Unsigned Value="00" />
    </Data>
(13) .initiator_mac_address PASSED
```

```

    <Data>
      <LongUnsigned Value="0C00" />
    </Data>
(14) .synchronization_locked PASSED
    <Data>
      <Bool Value="01" />
    </Data>
(15) .transmission_speed PASSED
    <Data>
      <Enum Value="03" />
    </Data>

Mngmt Get S-FSK Active Initiator 0-0:26.1.0.255 (@1950)
(16) .logical_name PASSED
    <Data>
      <OctetString Value="00001A0100FF" />
    </Data>
(17) .active_initiator PASSED
    <Data>
      <Structure Qty="0003" >
        <OctetString Value="4C475A1169000000" />
        <LongUnsigned Value="0C00" />
        <Unsigned Value="01" />
      </Structure>
    </Data>

Mngmt Get S-FSK MAC synchronisation timeouts 0-0:26.2.0.255 (@1955)
(18) .logical_name PASSED
    <Data>
      <OctetString Value="00001A0200FF" />
    </Data>
(19) .search_initiator_timeout PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(20) .synchronization_confirmation_timeout PASSED
    <Data>
      <LongUnsigned Value="0005" />
    </Data>
(21) .timeout_not_addressed PASSED
    <Data>
      <LongUnsigned Value="0168" />
    </Data>
(22) .timeout_frame_not_OK PASSED
    <Data>
      <LongUnsigned Value="001E" />
    </Data>

Mngmt Get S-FSK MAC counters 0-0:26.3.0.255 (@1962)
(23) .logical_name PASSED
    <Data>
      <OctetString Value="00001A0300FF" />
    </Data>
(24) .synchronization_register PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0002" >
          <LongUnsigned Value="0C00" />
          <DoubleLongUnsigned Value="00000027" />
        </Structure>
      </Array>
    </Data>
(25) .desynchronization_listing PASSED
    <Data>
      <Structure Qty="0005" >
        <DoubleLongUnsigned Value="0000008E" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000024" />

```

```

        <DoubleLongUnsigned Value="00000002" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
</Data>
(26) .broadcast_frames_counter PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0C00" />
                <DoubleLongUnsigned Value="0000001C" />
            </Structure>
        </Array>
    </Data>
(27) .repetitions_counter PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(28) .transmissions_counter PASSED
    <Data>
        <DoubleLongUnsigned Value="00000449" />
    </Data>
(29) .CRC_OK_frames_counter PASSED
    <Data>
        <DoubleLongUnsigned Value="000004AB" />
    </Data>
(30) .CRC_NOK_frames_counter PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>

Mngmt Get S-FSK IEC 61334-4-32 LLC Setup 0-0:26.5.0.255 (@1973)
(31) .logical_name PASSED
    <Data>
        <OctetString Value="00001A0500FF" />
    </Data>
(32) .max_frame_length PASSED
    <Data>
        <Unsigned Value="F2" />
    </Data>
(33) .reply_status_list PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <Unsigned Value="00" />
                <Unsigned Value="07" />
            </Structure>
        </Array>
    </Data>

Mngmt Get S-FSK Reporting system list 0-0:26.6.0.255 (@1978)
(34) .logical_name INAPPLICABLE
    Optional object is not implemented
(35) .reporting_system_list INAPPLICABLE
    Optional object is not implemented

*****
Test Case 4 : Read Device ID's, 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="\12000017" />
    </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="\MEM500R0" />
    </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="\          " />
    </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="\          " />
    </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="\          " />
    </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="\IDIS1DLM00000000" />
    </Data>

*****
Test Case 5 : 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="\MEL1000712000017" />
            </Structure>
        </Array>
    </Data>

```

</Data>

```
*****
Test Case 6 : 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="\MEL1000712000017" />

</Data>

```
*****
Test Case 7 : Read Active FW version, 12 item(s)
*****
```

Mngmt Get Active firmware version 1-0:0.2.0.255 (@321)

(1) .logical_name

PASSED

<Data>

<OctetString Value="0100000200FF" />

</Data>

(2) .value

PASSED

<Data>

<OctetString Value="\V014101.0k" />

</Data>

Mngmt Get Active firmware version signature 1-0:0.2.8.255 (@325)

(3) .logical_name

PASSED

<Data>

<OctetString Value="0100000208FF" />

</Data>

(4) .value

PASSED

<Data>

<OctetString Value="30312E306B0000000000" />

</Data>

Mngmt Get Active firmware version 1 1-1:0.2.0.255 (@329)

(5) .logical_name

PASSED

<Data>

<OctetString Value="0101000200FF" />

</Data>

(6) .value

PASSED

<Data>

<OctetString Value="\V010508.21" />

</Data>

Mngmt Get Active firmware version signature 1 1-1:0.2.8.255 (@333)

(7) .logical_name

PASSED

<Data>

<OctetString Value="0101000208FF" />

</Data>

(8) .value

PASSED

<Data>

<OctetString Value="94E2" />

</Data>

Mngmt Get Active firmware version 2 1-2:0.2.0.255 (@337)

(9) .logical_name

INAPPLICABLE

Optional object is not implemented

(10) .value

INAPPLICABLE

Optional object is not implemented

Mngmt Get Active firmware version signature 2 1-2:0.2.8.255 (@341)

(11) .logical_name

INAPPLICABLE

Optional object is not implemented
 (12) .value INAPPLICABLE
 Optional object is not implemented

 Test Case 8 : Broadcast Clock <as set in CTI>, 1 item(s)

Pre Set Clock 0-0:1.0.0.255 (@75)
 (1) .time PASSED
 <Data>
 <OctetString Value="07E20301040C0000FF8000FF" />
 </Data>

 Test Case 9 : Read Clock, 1 item(s)

Mngmt Get Clock 0-0:1.0.0.255 (@75)
 (1) .time PASSED
 <Data>
 <OctetString Value="07E20301040C000060AFFC400" />
 </Data>

 Test Case 10 : Set Special Days Table <as set in CTI>, 1 item(s)

Mngmt Set Special Days Table 0-0:11.0.0.255 (@113)
 (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>
 <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>
<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 11 : Read Special Days Table, 1 item(s)
*****

```

Mngmt Get Special Days Table 0-0:11.0.0.255 (@113)
(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>
  <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>
<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 12 : Read Event Log buffers, 4 item(s)
*****

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@181)
(1) .buffer
  entries_in_use: 5
    <Data>
      <DoubleLongUnsigned Value="00000005" />
    </Data>
  capture_objects:
    <Data>
      <Array Qty="0003" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0000600B02FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0047" />
          <OctetString Value="0000110000FF" />
          <Integer Value="03" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
  Buffer has 5 elements:
    <Data>
      <Array Qty="0005" >
        <Structure Qty="0003" >
          <OctetString Value="07E20213010F0B2814FFC400" />
          <Enum Value="FF" />
          <DoubleLongUnsigned Value="00000447" />
        </Structure>
        <Structure Qty="0003" >
          <OctetString Value="07E202130112101D00FFC400" />
          <Enum Value="3E" />
          <DoubleLongUnsigned Value="00000000" />
        </Structure>
        <Structure Qty="0003" >
          <OctetString Value="07E202130112102800FFC400" />
          <Enum Value="3F" />
          <DoubleLongUnsigned Value="00000000" />
        </Structure>
        <Structure Qty="0003" >
          <OctetString Value="07E202130112103800FFC400" />
          <Enum Value="3E" />
          <DoubleLongUnsigned Value="00000000" />
        </Structure>
        <Structure Qty="0003" >
          <OctetString Value="07E202130112110400FFC400" />
          <Enum Value="3F" />
          <DoubleLongUnsigned Value="00000000" />
        </Structure>
      </Array>

```

PASSED

```

    </Data>
    Earliest date: 19-FEB-2018 15:11:40, latest date: 19-FEB-2018 18:17:04
    Middle date: 19-FEB-2018 18:16:40

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@261)
(2) .buffer
entries_in_use: 24
  <Data>
    <DoubleLongUnsigned Value="00000018" />
  </Data>
capture_objects:
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600B00FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
Buffer has 24 elements:
  <Data>
    <Array Qty="0018" >
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A160E00FFC400" />
        <Enum Value="FF" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A171E00FFC400" />
        <Enum Value="2F" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A172400FFC400" />
        <Enum Value="2F" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A172A00FFC400" />
        <Enum Value="2F" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A173000FFC400" />
        <Enum Value="2F" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A1F3000FFC400" />
        <Enum Value="0B" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A231400FFC400" />
        <Enum Value="2F" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A231500FFC400" />
        <Enum Value="04" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A000000FFC400" />
        <Enum Value="05" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040A001000FFC400" />

```

PASSED

```

        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A210B00FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A210F00FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A211400FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A211A00FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A211F00FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A212500FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A212C00FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A213400FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A213A00FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A220400FFC400" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A290600FFC400" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040A29071E00FFC400" />
        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040C00000A00FFC400" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20301040C00230A00FFC400" />
        <Enum Value="2F" />
    </Structure>
</Array>
</_Data>
Earliest date: 01-MAR-2018 10:00:00, latest date: 01-MAR-2018 12:00:35
Middle date: 01-MAR-2018 10:33:20

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@276)
(3) .buffer
    entries_in_use: 12
    <Data>
        <DoubleLongUnsigned Value="0000000C" />

```

PASSED


```

</Data>
capture_objects:
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B01FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
Buffer has 12 elements:
  <_Data>
    <Array Qty="000C" >
      <Structure Qty="0002" >
        <OctetString Value="07E20213010F0B2414FFC400" />
        <Enum Value="FF" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E2021301112A1400FFC400" />
        <Enum Value="29" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E2021301112A1800FFC400" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E2021301112A2500FFC400" />
        <Enum Value="29" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E2021301112A2A00FFC400" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E2021301112A3500FFC400" />
        <Enum Value="29" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E2021301112B0000FFC400" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E202130113000A00FFC409" />
        <Enum Value="29" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20214020A252F00FFC409" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E203010409393500FFC400" />
        <Enum Value="29" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040B012900FFC40A" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20301040B012C00FFC400" />
        <Enum Value="29" />
      </Structure>
    </Array>
  </_Data>

```

```

        </Structure>
    </Array>
</_Data>
Earliest date: 19-FEB-2018 15:11:36, latest date: 01-MAR-2018 11:01:44
Middle date: 19-FEB-2018 17:43:00

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1249)
(4) .buffer
entries_in_use: 5
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>
capture_objects:
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600B04FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
Buffer has 5 elements:
    <Data>
        <Array Qty="0005" >
            <Structure Qty="0002" >
                <OctetString Value="07E20213010F0B3314FFC400" />
                <Enum Value="FF" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20213010F0D3814FFC400" />
                <Enum Value="4C" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20213010F0E3614FFC400" />
                <Enum Value="55" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20213010F102614FFC400" />
                <Enum Value="4C" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20213010F113814FFC400" />
                <Enum Value="55" />
            </Structure>
        </Array>
    </Data>
Earliest date: 19-FEB-2018 15:11:51, latest date: 19-FEB-2018 15:17:56
Middle date: 19-FEB-2018 15:14:54

*****
Test Case 13 : Read Data of Billing Period 1 buffer, 1 item(s)
*****

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@146)
(1) .buffer
entries_in_use: 7
    <Data>
        <DoubleLongUnsigned Value="00000007" />
    </Data>
capture_objects:

```

PASSED

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>
Buffer has 7 elements:
<_Data>
  <Array Qty="0007" >
    <Structure Qty="0005" >
      <OctetString Value="07E107010600000000FF8880" />
      <DoubleLongUnsigned Value="0000020B" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000012" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0005" >
      <OctetString Value="07E108010200000000FF8880" />
      <DoubleLongUnsigned Value="0000020B" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000012" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0005" >
      <OctetString Value="07E1090105000000016FF8880" />
      <DoubleLongUnsigned Value="0000020B" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000012" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0005" >
      <OctetString Value="07E10A010700000000FF8880" />
      <DoubleLongUnsigned Value="0000020B" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000012" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0005" >
      <OctetString Value="07E10B010300000000FFC400" />
      <DoubleLongUnsigned Value="0000020B" />

```

```

        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000012" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0005" >
        <OctetString Value="07E202130111293400FFC400" />
        <DoubleLongUnsigned Value="0000020B" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000012" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0005" >
        <OctetString Value="07E2030104092B1C00FFC400" />
        <DoubleLongUnsigned Value="0000020B" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000012" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
</Array>
</Data>
Earliest date: 01-JUL-2017 00:00:00, latest date: 01-MAR-2018 09:43:28
Middle date: 01-OCT-2017 00:00:00

*****
Test Case 14 : M-Bus G350 uncorr & valve, 130 item(s)
*****

Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1475)
(1) .comm_speed PASSED
    <Data>
        <Enum Value="03" />
    </Data>

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1483)
(2) .mbus_port_reference PASSED
    <Data>
        <OctetString Value="0000180600FF" />
    </Data>

(3) .capture_definition PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0002" >
                <OctetString Value="\L" />
                <OctetString Value="933A" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="8940" />
                <OctetString Value="FD1A" />
            </Structure>
        </Array>
    </Data>

(4) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000E10" />
    </Data>

(5) .primary_address PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>

(6) .identification_number PASSED
    <Data>
        <DoubleLongUnsigned Value="00047BB1" />
    </Data>

(7) .manufacturer_id PASSED
    <Data>
        <LongUnsigned Value="19AC" />
    </Data>

(8) .version PASSED

```

```

    <Data>
      <Unsigned Value="02" />
    </Data>
(9) .device_type PASSED
    <Data>
      <Unsigned Value="03" />
    </Data>
(10) .access_number PASSED
    <Data>
      <Unsigned Value="DD" />
    </Data>
(11) .status PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(12) .alarm PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1505)
(13) .mbus_port_reference PASSED
    <Data>
      <OctetString Value="0000180600FF" />
    </Data>
(14) .capture_definition PASSED
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0002" >
          <OctetString Value="\L" />
          <OctetString Value="933A" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="8940" />
          <OctetString Value="FD1A" />
        </Structure>
      </Array>
    </Data>
(15) .capture_period PASSED
    <Data>
      <DoubleLongUnsigned Value="00000E10" />
    </Data>
(16) .primary_address PASSED
    <Data>
      <Unsigned Value="02" />
    </Data>
(17) .identification_number PASSED
    <Data>
      <DoubleLongUnsigned Value="00047BB2" />
    </Data>
(18) .manufacturer_id PASSED
    <Data>
      <LongUnsigned Value="19AC" />
    </Data>
(19) .version PASSED
    <Data>
      <Unsigned Value="02" />
    </Data>
(20) .device_type PASSED
    <Data>
      <Unsigned Value="03" />
    </Data>
(21) .access_number PASSED
    <Data>
      <Unsigned Value="C8" />
    </Data>
(22) .status PASSED
    <Data>

```

```

        <Unsigned Value="00" />
    </Data>
(23) .alarm PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1527)
(24) .mbus_port_reference PASSED
    <Data>
        <OctetString Value="0000180600FF" />
    </Data>
(25) .capture_definition PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0002" >
                <OctetString Value="\L" />
                <OctetString Value="933A" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="8940" />
                <OctetString Value="FD1A" />
            </Structure>
        </Array>
    </Data>
(26) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000E10" />
    </Data>
(27) .primary_address PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(28) .identification_number PASSED
    <Data>
        <DoubleLongUnsigned Value="00047BB4" />
    </Data>
(29) .manufacturer_id PASSED
    <Data>
        <LongUnsigned Value="19AC" />
    </Data>
(30) .version PASSED
    <Data>
        <Unsigned Value="02" />
    </Data>
(31) .device_type PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(32) .access_number PASSED
    <Data>
        <Unsigned Value="C1" />
    </Data>
(33) .status PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(34) .alarm PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1549)
(35) .mbus_port_reference PASSED
    <Data>
        <OctetString Value="0000180600FF" />
    </Data>
(36) .capture_definition PASSED

```

```

    <Data>
      <Array Qty="0002" >
        <Structure Qty="0002" >
          <OctetString Value="\L" />
          <OctetString Value="933A" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="8940" />
          <OctetString Value="FD1A" />
        </Structure>
      </Array>
    </Data>
(37) .capture_period PASSED
    <Data>
      <DoubleLongUnsigned Value="00000E10" />
    </Data>
(38) .primary_address PASSED
    <Data>
      <Unsigned Value="04" />
    </Data>
(39) .identification_number PASSED
    <Data>
      <DoubleLongUnsigned Value="00047BB3" />
    </Data>
(40) .manufacturer_id PASSED
    <Data>
      <LongUnsigned Value="19AC" />
    </Data>
(41) .version PASSED
    <Data>
      <Unsigned Value="02" />
    </Data>
(42) .device_type PASSED
    <Data>
      <Unsigned Value="03" />
    </Data>
(43) .access_number PASSED
    <Data>
      <Unsigned Value="0E" />
    </Data>
(44) .status PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(45) .alarm PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1571)
(46) .value PASSED
    <Data>
      <DoubleLongUnsigned Value="00000D55" />
    </Data>
(47) .scaler_unit PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="FD" />
        <Enum Value="0D" />
      </Structure>
    </Data>
(48) .status PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1579)
(49) .value PASSED

```

```

        <Data>
        <DoubleLongUnsigned Value="00000001" />
        </Data>
(50) .scaler_unit PASSED
        <Data>
        <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="FE" />
        </Structure>
        </Data>
(51) .status PASSED
        <Data>
        <Unsigned Value="00" />
        </Data>

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1603)
(52) .value PASSED
        <Data>
        <DoubleLongUnsigned Value="000009B2" />
        </Data>
(53) .scaler_unit PASSED
        <Data>
        <Structure Qty="0002" >
        <Integer Value="FD" />
        <Enum Value="0D" />
        </Structure>
        </Data>
(54) .status PASSED
        <Data>
        <Unsigned Value="00" />
        </Data>

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1611)
(55) .value PASSED
        <Data>
        <DoubleLongUnsigned Value="00000001" />
        </Data>
(56) .scaler_unit PASSED
        <Data>
        <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="FE" />
        </Structure>
        </Data>
(57) .status PASSED
        <Data>
        <Unsigned Value="00" />
        </Data>

Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1635)
(58) .value PASSED
        <Data>
        <DoubleLongUnsigned Value="00000CBE" />
        </Data>
(59) .scaler_unit PASSED
        <Data>
        <Structure Qty="0002" >
        <Integer Value="FD" />
        <Enum Value="0D" />
        </Structure>
        </Data>
(60) .status PASSED
        <Data>
        <Unsigned Value="00" />
        </Data>

Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1643)
(61) .value PASSED

```



```

        <Data>
          <DoubleLongUnsigned Value="00000001" />
        </Data>
(62) .scaler_unit PASSED
      <Data>
        <Structure Qty="0002" >
          <Integer Value="00" />
          <Enum Value="FE" />
        </Structure>
      </Data>
(63) .status PASSED
      <Data>
        <Unsigned Value="00" />
      </Data>

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1667)
(64) .value PASSED
      <Data>
        <DoubleLongUnsigned Value="000006F8" />
      </Data>
(65) .scaler_unit PASSED
      <Data>
        <Structure Qty="0002" >
          <Integer Value="FD" />
          <Enum Value="0D" />
        </Structure>
      </Data>
(66) .status PASSED
      <Data>
        <Unsigned Value="00" />
      </Data>

Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1675)
(67) .value PASSED
      <Data>
        <DoubleLongUnsigned Value="00000001" />
      </Data>
(68) .scaler_unit PASSED
      <Data>
        <Structure Qty="0002" >
          <Integer Value="00" />
          <Enum Value="FE" />
        </Structure>
      </Data>
(69) .status PASSED
      <Data>
        <Unsigned Value="00" />
      </Data>

Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1699)
(70) .value PASSED
      <Data>
        <OctetString Value="\00000540029380911" />
      </Data>

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1703)
(71) .value PASSED
      <Data>
        <OctetString Value="\00000540029381011" />
      </Data>

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1707)
(72) .value PASSED
      <Data>
        <OctetString Value="\00000540029381211" />
      </Data>

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1711)

```

```

(73) .value                                     PASSED
    <Data>
        <OctetString Value="\00000540029381111" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1715)
(74) .value                                     PASSED
    <Data>
        <OctetString Value="" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1719)
(75) .value                                     PASSED
    <Data>
        <OctetString Value="" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1723)
(76) .value                                     PASSED
    <Data>
        <OctetString Value="" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1727)
(77) .value                                     PASSED
    <Data>
        <OctetString Value="" />
    </Data>

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1747)
(78) .buffer                                     PASSED
    entries_in_use: 9
    <Data>
        <DoubleLongUnsigned Value="00000009" />
    </Data>
    capture_objects:
    <Data>
        <Array Qty="0006" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0001600A03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0001180201FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0001180202FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0001180203FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>

```

```

        <Structure Qty="0004" >
            <LongUnsigned Value="0004" />
            <OctetString Value="0001180204FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Array>
</Data>
Buffer has 9 elements:
<_Data>
    <Array Qty="0009" >
        <Structure Qty="0006" >
            <OctetString Value="07E20214020C000000FFC400" />
            <Unsigned Value="00" />
            <DoubleLongUnsigned Value="00000D55" />
            <DoubleLongUnsigned Value="00000001" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
        <Structure Qty="0006" >
            <OctetString Value="07E20214020D000000FFC400" />
            <Unsigned Value="00" />
            <DoubleLongUnsigned Value="00000D55" />
            <DoubleLongUnsigned Value="00000001" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
        <Structure Qty="0006" >
            <OctetString Value="07E20214020E000000FFC400" />
            <Unsigned Value="00" />
            <DoubleLongUnsigned Value="00000D55" />
            <DoubleLongUnsigned Value="00000001" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
        <Structure Qty="0006" >
            <OctetString Value="07E20214020F000000FFC400" />
            <Unsigned Value="00" />
            <DoubleLongUnsigned Value="00000D55" />
            <DoubleLongUnsigned Value="00000001" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
        <Structure Qty="0006" >
            <OctetString Value="07E202140210000000FFC400" />
            <Unsigned Value="00" />
            <DoubleLongUnsigned Value="00000D55" />
            <DoubleLongUnsigned Value="00000001" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
        <Structure Qty="0006" >
            <OctetString Value="07E20301040A000000FFC400" />
            <Unsigned Value="00" />
            <DoubleLongUnsigned Value="00000D55" />
            <DoubleLongUnsigned Value="00000001" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
        <Structure Qty="0006" >
            <OctetString Value="07E20301040A000000FFC400" />
            <Unsigned Value="00" />
            <DoubleLongUnsigned Value="00000D55" />
            <DoubleLongUnsigned Value="00000001" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
    </Array>
</Data>
    <Structure Qty="0006" >

```

```

        <OctetString Value="07E20301040A000000FFC400" />
        <Unsigned Value="00" />
        <DoubleLongUnsigned Value="00000D55" />
        <DoubleLongUnsigned Value="00000001" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07E20301040C000000AFFC400" />
        <Unsigned Value="00" />
        <DoubleLongUnsigned Value="00000D55" />
        <DoubleLongUnsigned Value="00000001" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
</Array>
</_Data>
Earliest date: 20-FEB-2018 12:00:00, latest date: 01-MAR-2018 12:00:00
Middle date: 20-FEB-2018 16:00:00
(79) .capture_objects PASSED
    <Data>
        <Array Qty="0006" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0001600A03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0001180201FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0001180202FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0001180203FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0001180204FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(80) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000E10" />
    </Data>
(81) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000009" />
    </Data>

```

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1758)

(82) .buffer

PASSED

entries_in_use: 9

<Data>

<DoubleLongUnsigned Value="00000009" />

</Data>

capture_objects:

<Data>

<Array Qty="0006" >

<Structure Qty="0004" >

<LongUnsigned Value="0008" />

<OctetString Value="0000010000FF" />

<Integer Value="02" />

<LongUnsigned Value="0000" />

</Structure>

<Structure Qty="0004" >

<LongUnsigned Value="0001" />

<OctetString Value="0002600A03FF" />

<Integer Value="02" />

<LongUnsigned Value="0000" />

</Structure>

<Structure Qty="0004" >

<LongUnsigned Value="0004" />

<OctetString Value="0002180201FF" />

<Integer Value="02" />

<LongUnsigned Value="0000" />

</Structure>

<Structure Qty="0004" >

<LongUnsigned Value="0004" />

<OctetString Value="0002180202FF" />

<Integer Value="02" />

<LongUnsigned Value="0000" />

</Structure>

<Structure Qty="0004" >

<LongUnsigned Value="0004" />

<OctetString Value="0002180203FF" />

<Integer Value="02" />

<LongUnsigned Value="0000" />

</Structure>

<Structure Qty="0004" >

<LongUnsigned Value="0004" />

<OctetString Value="0002180204FF" />

<Integer Value="02" />

<LongUnsigned Value="0000" />

</Structure>

</Array>

</Data>

Buffer has 9 elements:

<_Data>

<Array Qty="0009" >

<Structure Qty="0006" >

<OctetString Value="07E20214020C000000FFC400" />

<Unsigned Value="00" />

<DoubleLongUnsigned Value="000009B2" />

<DoubleLongUnsigned Value="00000001" />

<DoubleLongUnsigned Value="00000000" />

<DoubleLongUnsigned Value="00000000" />

</Structure>

<Structure Qty="0006" >

<OctetString Value="07E20214020D000000FFC400" />

<Unsigned Value="00" />

<DoubleLongUnsigned Value="000009B2" />

<DoubleLongUnsigned Value="00000001" />

<DoubleLongUnsigned Value="00000000" />

<DoubleLongUnsigned Value="00000000" />

</Structure>

<Structure Qty="0006" >

```

    <OctetString Value="07E20214020E000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000009B2" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20214020F000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000009B2" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E202140210000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000009B2" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20301040A000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000009B2" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20301040A000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000009B2" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20301040A000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000009B2" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20301040C000000AFFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000009B2" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
</Array>
</Data>
Earliest date: 20-FEB-2018 12:00:00, latest date: 01-MAR-2018 12:00:00
Middle date: 20-FEB-2018 16:00:00
(83) .capture_objects
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>

```

PASSED

```

    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0002600A03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180201FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180202FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180203FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180204FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
(84) .capture_period PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(85) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000009" />
  </Data>

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1769)
(86) .buffer PASSED
  entries_in_use: 9
  <Data>
    <DoubleLongUnsigned Value="00000009" />
  </Data>
  capture_objects:
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0003600A03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0003180201FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>

```

```

<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0003180202FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0003180203FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0003180204FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>
Buffer has 9 elements:
<_Data>
  <Array Qty="0009" >
    <Structure Qty="0006" >
      <OctetString Value="07E20214020C000000FFC400" />
      <Unsigned Value="00" />
      <DoubleLongUnsigned Value="00000CBE" />
      <DoubleLongUnsigned Value="00000001" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07E20214020D000000FFC400" />
      <Unsigned Value="00" />
      <DoubleLongUnsigned Value="00000CBE" />
      <DoubleLongUnsigned Value="00000001" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07E20214020E000000FFC400" />
      <Unsigned Value="00" />
      <DoubleLongUnsigned Value="00000CBE" />
      <DoubleLongUnsigned Value="00000001" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07E20214020F000000FFC400" />
      <Unsigned Value="00" />
      <DoubleLongUnsigned Value="00000CBE" />
      <DoubleLongUnsigned Value="00000001" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07E202140210000000FFC400" />
      <Unsigned Value="00" />
      <DoubleLongUnsigned Value="00000CBE" />
      <DoubleLongUnsigned Value="00000001" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
      <OctetString Value="07E20301040A000000FFC400" />
      <Unsigned Value="00" />
      <DoubleLongUnsigned Value="00000CBE" />
      <DoubleLongUnsigned Value="00000001" />
    </Structure>
  </Array>
</Data>

```



```

        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07E20301040A000000FFC400" />
        <Unsigned Value="00" />
        <DoubleLongUnsigned Value="00000CBE" />
        <DoubleLongUnsigned Value="00000001" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07E20301040A000000FFC400" />
        <Unsigned Value="00" />
        <DoubleLongUnsigned Value="00000CBE" />
        <DoubleLongUnsigned Value="00000001" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07E20301040C000000AFFC400" />
        <Unsigned Value="00" />
        <DoubleLongUnsigned Value="00000CBE" />
        <DoubleLongUnsigned Value="00000001" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    </Array>
</_Data>
Earliest date: 20-FEB-2018 12:00:00, latest date: 01-MAR-2018 12:00:00
Middle date: 20-FEB-2018 16:00:00
(87) .capture_objects
    <Data>
        <Array Qty="0006" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0003600A03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0003180201FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0003180202FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0003180203FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0003180204FF" />
                <Integer Value="02" />
            </Structure>
        </Array>
    </Data>

```

PASSED

```

        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
(88) .capture_period PASSED
    <Data>
      <DoubleLongUnsigned Value="00000E10" />
    </Data>
(89) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="00000009" />
    </Data>

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1780)
(90) .buffer PASSED
  entries_in_use: 9
    <Data>
      <DoubleLongUnsigned Value="00000009" />
    </Data>
  capture_objects:
    <Data>
      <Array Qty="0006" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0004600A03FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0004180201FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0004180202FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0004180203FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0004180204FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
  Buffer has 9 elements:
    <_Data>
      <Array Qty="0009" >
        <Structure Qty="0006" >
          <OctetString Value="07E20214020C000000FFC400" />
          <Unsigned Value="00" />
          <DoubleLongUnsigned Value="000006F8" />
          <DoubleLongUnsigned Value="00000001" />
        </Structure>
      </Array>
    </Data>
  
```

```

    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20214020D000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000006F8" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20214020E000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000006F8" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20214020F000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000006F8" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E202140210000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000006F8" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20301040A000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000006F8" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20301040A000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000006F8" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20301040A000000FFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000006F8" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0006" >
    <OctetString Value="07E20301040C000000AFFC400" />
    <Unsigned Value="00" />
    <DoubleLongUnsigned Value="000006F8" />
    <DoubleLongUnsigned Value="00000001" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
</Array>

```

```

</_Data>
  Earliest date: 20-FEB-2018 12:00:00, latest date: 01-MAR-2018 12:00:00
  Middle date: 20-FEB-2018 16:00:00
(91) .capture_objects PASSED
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0004600A03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180201FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180202FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180203FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180204FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
(92) .capture_period PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(93) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000009" />
  </Data>

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1791)
(94) .output_state PASSED
  <Data>
    <Bool Value="01" />
  </Data>
(95) .control_state PASSED
  <Data>
    <Enum Value="01" />
  </Data>
(96) .control_mode PASSED
  <Data>
    <Enum Value="00" />
  </Data>

```

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1799)

```

(97) .output_state                                     PASSED
    <Data>
    <Bool Value="01" />
    </Data>
(98) .control_state                                    PASSED
    <Data>
    <Enum Value="01" />
    </Data>
(99) .control_mode                                     PASSED
    <Data>
    <Enum Value="00" />
    </Data>

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1807)
(100) .output_state                                    PASSED
    <Data>
    <Bool Value="01" />
    </Data>
(101) .control_state                                    PASSED
    <Data>
    <Enum Value="01" />
    </Data>
(102) .control_mode                                    PASSED
    <Data>
    <Enum Value="00" />
    </Data>

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1815)
(103) .output_state                                    PASSED
    <Data>
    <Bool Value="01" />
    </Data>
(104) .control_state                                    PASSED
    <Data>
    <Enum Value="01" />
    </Data>
(105) .control_mode                                    PASSED
    <Data>
    <Enum Value="00" />
    </Data>

Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1823)
(106) .executed_script                                 PASSED
    <Data>
    <Structure Qty="0002" >
    <OctetString Value="00010A006AFF" />
    <LongUnsigned Value="0001" />
    </Structure>
    </Data>
(107) .type                                             PASSED
    <Data>
    <Enum Value="01" />
    </Data>
(108) .execution_time                                  PASSED
    <Data>
    <Array Qty="0000" >
    </Array>
    </Data>

Mngmt Get M-Bus Disconnect script table 0-1:10.0.106.255 (@1829)
(109) .scripts                                         PASSED
    <Data>
    <Array Qty="0008" >
    <Structure Qty="0002" >
    <LongUnsigned Value="0001" />
    <Array Qty="0001" >
    <Structure Qty="0005" >
    <Enum Value="02" />

```

```

        <LongUnsigned Value="0046" />
        <OctetString Value="0001180400FF" />
        <Integer Value="01" />
        <Integer Value="00" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0002" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0001180400FF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0002180400FF" />
            <Integer Value="01" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0002180400FF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0005" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0003180400FF" />
            <Integer Value="01" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0006" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0003180400FF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >

```

```

        <LongUnsigned Value="0007" />
        <Array Qty="0001" >
            <Structure Qty="0005" >
                <Enum Value="02" />
                <LongUnsigned Value="0046" />
                <OctetString Value="0004180400FF" />
                <Integer Value="01" />
                <Integer Value="00" />
            </Structure>
        </Array>
    </Structure>
    <Structure Qty="0002" >
        <LongUnsigned Value="0008" />
        <Array Qty="0001" >
            <Structure Qty="0005" >
                <Enum Value="02" />
                <LongUnsigned Value="0046" />
                <OctetString Value="0004180400FF" />
                <Integer Value="02" />
                <Integer Value="00" />
            </Structure>
        </Array>
    </Structure>
</Array>
</Data>

Mngmt Get Event Objects - M-Bus Master Control logs 4 0-4:96.11.4.255 (@1846)
(110) .value PASSED
    <Data>
        <Enum Value="C1" />
    </Data>

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1850)
(111) .buffer PASSED
    entries_in_use: 5
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>
    capture_objects:
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0001600B04FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
    Buffer has 5 elements:
    <Data>
        <Array Qty="0005" >
            <Structure Qty="0002" >
                <OctetString Value="07E20213010F0C0014FFC400" />
                <Enum Value="FF" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E202130112031E00FFC400" />
                <Enum Value="A2" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E202130112032800FFC400" />

```

```

        <Enum Value="A3" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E202130112051600FFC400" />
        <Enum Value="A2" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E202130112052000FFC400" />
        <Enum Value="A3" />
    </Structure>
</Array>
</Data>
Earliest date: 19-FEB-2018 15:12:00, latest date: 19-FEB-2018 18:05:32
Middle date: 19-FEB-2018 18:03:40
(112) .capture_objects PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0001600B04FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(113) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(114) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1861)
(115) .buffer PASSED
    entries_in_use: 5
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>
    capture_objects:
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0002600B04FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
    Buffer has 5 elements:
    <Data>
        <Array Qty="0005" >
            <Structure Qty="0002" >
                <OctetString Value="07E20213010F0C0914FFC400" />

```



```

        <Enum Value="FF" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2021301120A2600FFC400" />
        <Enum Value="AC" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2021301120B0200FFC400" />
        <Enum Value="AD" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2021301120B0C00FFC400" />
        <Enum Value="AC" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2021301120B1200FFC400" />
        <Enum Value="AD" />
    </Structure>
    </Array>
</Data>
Earliest date: 19-FEB-2018 15:12:09, latest date: 19-FEB-2018 18:11:18
Middle date: 19-FEB-2018 18:11:02
(116) .capture_objects PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0002600B04FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(117) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(118) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1872)
(119) .buffer PASSED
    entries_in_use: 5
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>
    capture_objects:
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0003600B04FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>

```

```

        </Structure>
    </Array>
</Data>
Buffer has 5 elements:
<Data>
    <Array Qty="0005" >
        <Structure Qty="0002" >
            <OctetString Value="07E20213010F0C1414FFC400" />
            <Enum Value="FF" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2021301120C1200FFC400" />
            <Enum Value="B6" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2021301120C1F00FFC400" />
            <Enum Value="B7" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2021301120C2800FFC400" />
            <Enum Value="B6" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2021301120C3100FFC400" />
            <Enum Value="B7" />
        </Structure>
    </Array>
</Data>
Earliest date: 19-FEB-2018 15:12:20, latest date: 19-FEB-2018 18:12:49
Middle date: 19-FEB-2018 18:12:31
(120) .capture_objects PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0003600B04FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(121) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(122) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1883)
(123) .buffer PASSED
    entries_in_use: 5
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>
    capture_objects:
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
            </Structure>
        </Array>
    </Data>

```

```

        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0004600B04FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
Buffer has 5 elements:
<Data>
    <Array Qty="0005" >
        <Structure Qty="0002" >
            <OctetString Value="07E20213010F0C1D14FFC400" />
            <Enum Value="FF" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2021301120D3600FFC400" />
            <Enum Value="C0" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2021301120E0400FFC400" />
            <Enum Value="C1" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2021301120E0B00FFC400" />
            <Enum Value="C0" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2021301120E1300FFC400" />
            <Enum Value="C1" />
        </Structure>
    </Array>
</Data>
Earliest date: 19-FEB-2018 15:12:29, latest date: 19-FEB-2018 18:14:19
Middle date: 19-FEB-2018 18:14:04
(124) .capture_objects PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0004600B04FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(125) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(126) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1898)
(127) .buffer PASSED
    entries_in_use: 10
    <Data>

```

```

    <DoubleLongUnsigned Value="0000000A" />
  </Data>
  capture_objects:
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0000600B03FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
    Buffer has 10 elements:
    <Data>
      <Array Qty="000A" >
        <Structure Qty="0002" >
          <OctetString Value="07E202130112031E00FFC400" />
          <Enum Value="65" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07E2021301120A1100FFC400" />
          <Enum Value="71" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07E2021301120C0300FFC400" />
          <Enum Value="7B" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07E2021301120D2200FFC400" />
          <Enum Value="85" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07E20214020A2E0C00FFC409" />
          <Enum Value="64" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07E20214020A311C00FFC409" />
          <Enum Value="65" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07E20214020B002600FFC409" />
          <Enum Value="FE" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07E20214020B002B00FFC409" />
          <Enum Value="FE" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07E20214020B003100FFC409" />
          <Enum Value="FE" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07E20214020B003600FFC409" />
          <Enum Value="FE" />
        </Structure>
      </Array>
    </Data>
    Earliest date: 19-FEB-2018 18:03:30, latest date: 20-FEB-2018 11:00:54
    Middle date: 20-FEB-2018 10:49:28
    (128) .capture_objects
    <Data>

```

PASSED

```

    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600B03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
(129) .capture_period PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(130) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="0000000A" />
  </Data>

```

Test Case 15 : Re-read S-FSK, 35 item(s)

```

Mngmt Get S-FSK Phy&MAC setup 0-0:26.0.0.255 (@1933)
(1) .logical_name PASSED
  <Data>
    <OctetString Value="00001A0000FF" />
  </Data>
(2) .initiator_electrical_phase PASSED
  <Data>
    <Enum Value="03" />
  </Data>
(3) .delta_electrical_phase PASSED
  <Data>
    <Enum Value="04" />
  </Data>
(4) .max_receiving_gain PASSED
  <Data>
    <Unsigned Value="2A" />
  </Data>
(5) .max_transmitting_gain PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(6) .search_initiator_gain PASSED
  <Data>
    <Unsigned Value="62" />
  </Data>
(7) .frequencies PASSED
  <Data>
    <Structure Qty="0002" >
      <DoubleLongUnsigned Value="0000F744" />
      <DoubleLongUnsigned Value="00012110" />
    </Structure>
  </Data>
(8) .mac_address PASSED
  <Data>
    <LongUnsigned Value="0001" />
  </Data>
(9) .mac_group_addresses PASSED
  <Data>
    <Array Qty="0005" >
      <LongUnsigned Value="0000" />

```

```

        <LongUnsigned Value="0000" />
        <LongUnsigned Value="0000" />
        <LongUnsigned Value="0000" />
        <LongUnsigned Value="0000" />
    </Array>
</Data>
(10) .repeater PASSED
    <Data>
        <Enum Value="02" />
    </Data>
(11) .repeater_status PASSED
    <Data>
        <Bool Value="00" />
    </Data>
(12) .min_delta_credit PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(13) .initiator_mac_address PASSED
    <Data>
        <LongUnsigned Value="0C00" />
    </Data>
(14) .synchronization_locked PASSED
    <Data>
        <Bool Value="01" />
    </Data>
(15) .transmission_speed PASSED
    <Data>
        <Enum Value="03" />
    </Data>

Mngmt Get S-FSK Active Initiator 0-0:26.1.0.255 (@1950)
(16) .logical_name PASSED
    <Data>
        <OctetString Value="00001A0100FF" />
    </Data>
(17) .active_initiator PASSED
    <Data>
        <Structure Qty="0003" >
            <OctetString Value="4C475A1169000000" />
            <LongUnsigned Value="0C00" />
            <Unsigned Value="01" />
        </Structure>
    </Data>

Mngmt Get S-FSK MAC synchronisation timeouts 0-0:26.2.0.255 (@1955)
(18) .logical_name PASSED
    <Data>
        <OctetString Value="00001A0200FF" />
    </Data>
(19) .search_initiator_timeout PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(20) .synchronization_confirmation_timeout PASSED
    <Data>
        <LongUnsigned Value="0005" />
    </Data>
(21) .timeout_not_addressed PASSED
    <Data>
        <LongUnsigned Value="0168" />
    </Data>
(22) .timeout_frame_not_OK PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Get S-FSK MAC counters 0-0:26.3.0.255 (@1962)

```

```

(23) .logical_name                                     PASSED
    <Data>
        <OctetString Value="00001A0300FF" />
    </Data>
(24) .synchronization_register                         PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0C00" />
                <DoubleLongUnsigned Value="00000027" />
            </Structure>
        </Array>
    </Data>
(25) .desynchronization_listing                       PASSED
    <Data>
        <Structure Qty="0005" >
            <DoubleLongUnsigned Value="0000008E" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000024" />
            <DoubleLongUnsigned Value="00000002" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
    </Data>
(26) .broadcast_frames_counter                       PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0C00" />
                <DoubleLongUnsigned Value="0000001C" />
            </Structure>
        </Array>
    </Data>
(27) .repetitions_counter                             PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(28) .transmissions_counter                           PASSED
    <Data>
        <DoubleLongUnsigned Value="0000057A" />
    </Data>
(29) .CRC_OK_frames_counter                           PASSED
    <Data>
        <DoubleLongUnsigned Value="000005DD" />
    </Data>
(30) .CRC_NOK_frames_counter                           PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>

Mngmt Get S-FSK IEC 61334-4-32 LLC Setup 0-0:26.5.0.255 (@1973)
(31) .logical_name                                     PASSED
    <Data>
        <OctetString Value="00001A0500FF" />
    </Data>
(32) .max_frame_length                                 PASSED
    <Data>
        <Unsigned Value="F2" />
    </Data>
(33) .reply_status_list                               PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <Unsigned Value="00" />
                <Unsigned Value="07" />
            </Structure>
        </Array>
    </Data>

```

```

Mngmt Get S-FSK Reporting system list 0-0:26.6.0.255 (@1978)
(34) .logical_name INAPPLICABLE
Optional object is not implemented
(35) .reporting_system_list INAPPLICABLE
Optional object is not implemented

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

Manufacturer = {
  Name = '\Mikroelektronika'
  ThreeLettersId = '\MEL'
}

DeviceUnderTest = {
  Type = 'MEM500'
  IDISDeviceType = 100
  IDISFunctionType = [Extension_D, Extension_L, Extension_M]
  SerialNr = 12000017
}

ObjectModel = {
  // Optional objects implemented
  OptionalObjects = '\
    + '1-0:0.9.1.255|1,' // Local Time (@86)
    + '1-0:0.9.2.255|1,' // Local Date (@90)
    + '0-2:96.3.10.255|70,' // Load Mgmt - Relay control 2 (@205)
    + '1-1:0.2.0.255|1,' // Active firmware version 1 (@329)
    + '1-1:0.2.8.255|1,' // Active firmware version signature 1 (@333)
    + '1-0:9.8.0.255|3,' // Apparent energy import (+VA) (QI+QIV) (@406)
    + '1-0:10.8.0.255|3,' // Apparent energy export (-VA) (QII+QIII) (@412)
    + '1-0:15.8.1.255|3,' // Active energy Combined total (|+A|+|-A|) rate 1 (@659)
    + '1-0:15.8.2.255|3,' // Active energy Combined total (|+A|+|-A|) rate 2 (@665)
    + '1-0:15.8.3.255|3,' // Active energy Combined total (|+A|+|-A|) rate 3 (@671)
    + '1-0:15.8.4.255|3' // Active energy Combined total (|+A|+|-A|) rate 4 (@677)

InstanceExtraInfo = {
  // Current association (@9)
  LogicalName = '0-0:40.0.0.255'
  ClassId = 15
  AttributeExtraInfo = {
    // authentication_mechanism_name
    AttributeId = 6
    AccessRights = [GET,SET]
  }
  AttributeExtraInfo = {
    // secret
    AttributeId = 7
    AccessRights = [SET]
    SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
  }
}

InstanceExtraInfo = {
  // Activity Calendar (@100)
  LogicalName = '0-0:13.0.0.255'
  ClassId = 20
  MethodExtraInfo = {
    // activate_passive_calendar
    MethodId = 1
    AccessRights = [ACTION]
  }
}

InstanceExtraInfo = {
  // Tariffication script table (@129)
  LogicalName = '0-0:10.0.100.255'

```



```

    ClassId = 9
    MethodExtraInfo = {
        // execute
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // Predefined Scripts - MDI reset / end of billing period (@135)
    LogicalName = '0-0:10.0.1.255'
    ClassId = 9
    AttributeExtraInfo = {
        // scripts
        AttributeId = 2
        AccessRights = [GET]
    }
}

InstanceExtraInfo = {
    // End of billing period 1 scheduler (@140)
    LogicalName = '0-0:15.0.0.255'
    ClassId = 22
    AttributeExtraInfo = {
        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Disconnect control scheduler (@158)
    LogicalName = '0-0:15.0.1.255'
    ClassId = 22
    AttributeExtraInfo = {
        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Disconnect Control Log (@181)
    LogicalName = '0-0:99.98.2.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Load Mgmt - Relay control 1 (@197)
    LogicalName = '0-1:96.3.10.255'
    ClassId = 70
    AttributeExtraInfo = {
        // control_mode
        AttributeId = 4
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Load Mgmt - Relay control 2 (@205)
    LogicalName = '0-2:96.3.10.255'
    ClassId = 70
    AttributeExtraInfo = {

```

```

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

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

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

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

InstanceExtraInfo = {
    // Image transfer activation scheduler (@310)
    LogicalName = '0-0:15.0.2.255'
    ClassId = 22
    AttributeExtraInfo = {
        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Predefined Scripts - Image activation (@316)
    LogicalName = '0-0:10.0.107.255'
    ClassId = 9
    AttributeExtraInfo = {
        // scripts
        AttributeId = 2
        AccessRights = [GET]
    }
}

InstanceExtraInfo = {
    // Power Failure Event Log (@1234)
    LogicalName = '1-0:99.97.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3

```

```

        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Power Quality Log (@1249)
    LogicalName = '0-0:99.98.4.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus client channel 1 (@1483)
    LogicalName = '0-1:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        // capture
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // data_send
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus client channel 2 (@1505)
    LogicalName = '0-2:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        // capture
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // data_send
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus client channel 3 (@1527)
    LogicalName = '0-3:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        // capture
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // data_send
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus client channel 4 (@1549)
    LogicalName = '0-4:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {

```

```

        // capture
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        // data_send
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 1, instance 1 (@1571)
    LogicalName = '0-1:24.2.1.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 1, instance 2 (@1579)
    LogicalName = '0-1:24.2.2.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 1, instance 3 (@1587)
    LogicalName = '0-1:24.2.3.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 1, instance 4 (@1595)
    LogicalName = '0-1:24.2.4.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

```

```

        MethodExtraInfo = {
            // reset
            MethodId = 1
            AccessRights = [ACTION]
        }
    }

    InstanceExtraInfo = {
        // M-Bus Value channel 2, instance 1 (@1603)
        LogicalName = '0-2:24.2.1.255'
        ClassId = 4
        AttributeExtraInfo = {
            // scaler_unit
            AttributeId = 3
            AccessRights = [GET,SET]
        }
        MethodExtraInfo = {
            // reset
            MethodId = 1
            AccessRights = [ACTION]
        }
    }

    InstanceExtraInfo = {
        // M-Bus Value channel 2, instance 2 (@1611)
        LogicalName = '0-2:24.2.2.255'
        ClassId = 4
        AttributeExtraInfo = {
            // scaler_unit
            AttributeId = 3
            AccessRights = [GET,SET]
        }
        MethodExtraInfo = {
            // reset
            MethodId = 1
            AccessRights = [ACTION]
        }
    }

    InstanceExtraInfo = {
        // M-Bus Value channel 2, instance 3 (@1619)
        LogicalName = '0-2:24.2.3.255'
        ClassId = 4
        AttributeExtraInfo = {
            // scaler_unit
            AttributeId = 3
            AccessRights = [GET,SET]
        }
        MethodExtraInfo = {
            // reset
            MethodId = 1
            AccessRights = [ACTION]
        }
    }

    InstanceExtraInfo = {
        // M-Bus Value channel 2, instance 4 (@1627)
        LogicalName = '0-2:24.2.4.255'
        ClassId = 4
        AttributeExtraInfo = {
            // scaler_unit
            AttributeId = 3
            AccessRights = [GET,SET]
        }
        MethodExtraInfo = {
            // reset
            MethodId = 1
            AccessRights = [ACTION]
        }
    }

```

```

    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 3, instance 1 (@1635)
    LogicalName = '0-3:24.2.1.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 3, instance 2 (@1643)
    LogicalName = '0-3:24.2.2.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 3, instance 3 (@1651)
    LogicalName = '0-3:24.2.3.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 3, instance 4 (@1659)
    LogicalName = '0-3:24.2.4.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {

```

```

// M-Bus Value channel 4, instance 1 (@1667)
LogicalName = '0-4:24.2.1.255'
ClassId = 4
AttributeExtraInfo = {
    // scaler_unit
    AttributeId = 3
    AccessRights = [GET,SET]
}
MethodExtraInfo = {
    // reset
    MethodId = 1
    AccessRights = [ACTION]
}
}

InstanceExtraInfo = {
    // M-Bus Value channel 4, instance 2 (@1675)
    LogicalName = '0-4:24.2.2.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 4, instance 3 (@1683)
    LogicalName = '0-4:24.2.3.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Value channel 4, instance 4 (@1691)
    LogicalName = '0-4:24.2.4.255'
    ClassId = 4
    AttributeExtraInfo = {
        // scaler_unit
        AttributeId = 3
        AccessRights = [GET,SET]
    }
    MethodExtraInfo = {
        // reset
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // M-Bus Disconnect control scheduler (@1823)
    LogicalName = '0-1:15.0.1.255'
    ClassId = 22
    AttributeExtraInfo = {

```

```

        // type
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus Master Control log object 1 (@1850)
    LogicalName = '0-1:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus Master Control log object 2 (@1861)
    LogicalName = '0-2:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus Master Control log object 3 (@1872)
    LogicalName = '0-3:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // M-Bus Master Control log object 4 (@1883)
    LogicalName = '0-4:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

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

InstanceExtraInfo = {
    // S-FSK MAC counters (@1962)
    LogicalName = '0-0:26.3.0.255'
    ClassId = 53
    AttributeExtraInfo = {
        // broadcast_frames_counter
        AttributeId = 4

```



```

+ '      </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>'
+} // close instance extra info
}

```

```

InstanceExtraInfo = {
    // Set clock to 05/11/2013 12:29:52
    LogicalName = '0-0:1.0.0.255'
    ClassId = 8
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="07E20301040C0000FF8000FF" /></Data>' // yyyy mm dd
    }
}

} // close object model.

TestParameters = {
    MeterDiscoveryTimeout = 240000
    DefaultAccessTimeout = 240000
    DefaultPriority = 5
    ConnectDisconnectDelay = 10000
    DCSYSTEMTitle = '4C475A1169000000' //DNV GL DC System Title

    ImageTransfer = {
        ImageIdentifier = '\V010508.21'
        ImageFileName = '\MEM500_IDIS1DLM_MONOPHASE_BOOT_APP_0001D400_V010508.21_94E2_71M6542GT.bin'
        Timeout = 120000
    }
}

TestOptions = {
}

PLCConfig = {
    AddrMAC = 0xC00
    TimeoutNotAddr = 360
    MaxSubFrames = 7
    TimeUpdatePeriod = 0
    BkgTaskEnabled = 1
    BkgMinDelay = 60
    DiscoverTimeSlots = 20
    ResponseProbability = 100
    MaxCredit = 2
    DiscoverPeriod = 0
    TransmissionGain = 0
    ReceptionGain = 8
    BaudRate = 1
    InputFrequency = 0
    NbComOkDecrCredit = 3
    DecrCredit = 1
    IncrCredit = 2
    MaxRetry = 1
    RepeaterCallEnabled = 0
    RepeaterCallLevel = 1000
    NewBcplTSlotCount = 10
    AlarmMngtEnabled = 0
    AlarmMngtDelay = 0
    AutoDiscoveryPriority = 2
    FCTxValue = 0
}

// Mandatory 'SecurityElements'
// *****
// There is one structure per client, each specifies an 'EncryptionKey'
// and a 'Policy'. An encryption key is a visible-string of 32 characters,
// with each pair encoding one byte of a 16 bytes binary key.
// Policy is one of NO_SECURITY, AUTHENTICATION, ENCRYPTION or AUTHENTICATION_AND_ENCRYPTION
// StandardSecurityElements

```

```

// Mandatory, used for the standard access (DC and Java API).
// No context name is required. The DC selects the context according
// to the 'Policy' member. If zero, then the DC generates an AARQ with LONG_NAMES context.
// If positive then the DC generates an AARQ with LONG_NAME_WITH_CIPHERING context.
StandardSecurityElements = {
    Public = {
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING
        MechanismName = HIGH_LEVEL_SECURITY_GMAC
        Policy = NO_SECURITY
        Password = '\12345678'
    }
    PreEstablished = {
        Policy = NO_SECURITY //ENCRYPTION//NO_SECURITY
    }
}

TunnelSecurityElements = {
    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
    }
}

// LocalSecurityElements
// Mandatory, used when making 'local' accesses.
LocalSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING
        MechanismName = HIGH_LEVEL_SECURITY_GMAC
        Policy = NO_SECURITY
        Password = '\12345678'
    }
    PreEstablished = {
        Policy = NO_SECURITY
    }
}

HDLCPProfile = {

    PhysicalLayer = {
        // EchoingPort = FALSE
        OpeningMode = DIRECT_HDLC
        HdlcBaud = 9600
    }

    DataLinkLayer = {
        InactivityTimeout = 60000
        InterFrameTimeout = 500
        ResponseTimeout = 10000
    }
}

```

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```
ServerLowerMacAddress = 0x11
DISCToNDMTimeout = 1000
AddressingSchemes = [FOUR_BYTES_ADDRESSING]
}
}

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

TestMode:           Tunnel
Test Plan Signature: 31C7F4F1C5A6BC9F64702DA9F7CF857A
Object Model:       IDIS-S01-005 V1.24 120510 IDIS - object model - FIT-MBUS Tests G350
(CorrectedAndValve status)-20150220.xlsx
DUT system title:   4D454C6470B71B11
DC MeterId:         MEL6470B71B11
Run number:         28
--

FE20278852D2D79E543A54F7E3F0828A
```

DRAFT