

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				<i>Final Interoperability Test No. 26</i>
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	V014101.0k	V010508.21		

 Honeywell/Elster GmbH

 Iskraemeco d.d.

 Itron

 Landis+Gyr AG

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

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		
<pre> ***** 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) ***** </pre>		

(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 <Data> <Bool Value="01" /> </Data>	PASSED
(15)	.transmission_speed <Data> <Enum Value="03" /> </Data>	PASSED
	Mngmt Get S-FSK Active Initiator 0-0:26.1.0.255 (@1950)	
(16)	.logical_name <Data> <OctetString Value="00001A0100FF" /> </Data>	PASSED
(17)	.active_initiator <Data> <Structure Qty="0003" > <OctetString Value="4C475A1169000000" /> <LongUnsigned Value="0C00" /> <Unsigned Value="01" /> </Structure> </Data>	PASSED
	Mngmt Get S-FSK MAC synchronisation timeouts 0-0:26.2.0.255 (@1955)	
(18)	.logical_name <Data> <OctetString Value="00001A0200FF" /> </Data>	PASSED
(19)	.search_initiator_timeout <Data> <LongUnsigned Value="0000" /> </Data>	PASSED
(20)	.synchronization_confirmation_timeout <Data> <LongUnsigned Value="0005" /> </Data>	PASSED
(21)	.timeout_not_addressed <Data> <LongUnsigned Value="0168" /> </Data>	PASSED
(22)	.timeout_frame_not_OK <Data> <LongUnsigned Value="001E" /> </Data>	PASSED
	Mngmt Get S-FSK MAC counters 0-0:26.3.0.255 (@1962)	
(23)	.logical_name <Data> <OctetString Value="00001A0300FF" /> </Data>	PASSED
(24)	.synchronization_register <Data> <Array Qty="0001" > <Structure Qty="0002" > <LongUnsigned Value="0C00" /> <DoubleLongUnsigned Value="00000027" /> </Structure> </Array> </Data>	PASSED
(25)	.desynchronization_listing <Data> <Structure Qty="0005" > <DoubleLongUnsigned Value="0000008E" /> <DoubleLongUnsigned Value="00000000" /> <DoubleLongUnsigned Value="00000024" />	PASSED

```

        <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>

*****
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 Optional object is not implemented	INAPPLICABLE
***** Test Case 8 : Broadcast Clock <as set in CTI>, 1 item(s) *****	
Pre Set Clock 0-0:1.0.0.255 (@75) (1) .time <Data> <OctetString Value="07E20301040C0000FF8000FF" /> </Data>	PASSED
***** Test Case 9 : Read Clock, 1 item(s) *****	
Mngmt Get Clock 0-0:1.0.0.255 (@75) (1) .time <Data> <OctetString Value="07E20301040C00060AFFC400" /> </Data>	PASSED
***** 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 <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" >	PASSED

```

<LongUnsigned Value="0001" />
<OctetString Value="FFFF0108FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />

```

```

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

```

```

*****
Test Case 11 : Read Special Days Table, 1 item(s)
*****

```

Mngmt Get Special Days Table 0-0:11.0.0.255 (@113)

(1) .entries

```

  <_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" >

```

PASSED

```

<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                                     PASSED
  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>
    </Data>
  </Array>

```

```

</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" />

```



```

</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="07E109010500000016FF8880" />
      <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" />
    </Structure>
  </Array>

```

```

        <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 <Data> <Unsigned Value="03" /> </Data>	PASSED
(10)	.access_number <Data> <Unsigned Value="DD" /> </Data>	PASSED
(11)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
(12)	.alarm <Data> <Unsigned Value="00" /> </Data>	PASSED
	Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1505)	
(13)	.mbus_port_reference <Data> <OctetString Value="0000180600FF" /> </Data>	PASSED
(14)	.capture_definition <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>	PASSED
(15)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(16)	.primary_address <Data> <Unsigned Value="02" /> </Data>	PASSED
(17)	.identification_number <Data> <DoubleLongUnsigned Value="00047BB2" /> </Data>	PASSED
(18)	.manufacturer_id <Data> <LongUnsigned Value="19AC" /> </Data>	PASSED
(19)	.version <Data> <Unsigned Value="02" /> </Data>	PASSED
(20)	.device_type <Data> <Unsigned Value="03" /> </Data>	PASSED
(21)	.access_number <Data> <Unsigned Value="C8" /> </Data>	PASSED
(22)	.status <Data>	PASSED

	<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

	<pre> <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> </pre>	
(37)	.capture_period	PASSED
	<pre> <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> </pre>	
(38)	.primary_address	PASSED
	<pre> <Data> <Unsigned Value="04" /> </Data> </pre>	
(39)	.identification_number	PASSED
	<pre> <Data> <DoubleLongUnsigned Value="00047BB3" /> </Data> </pre>	
(40)	.manufacturer_id	PASSED
	<pre> <Data> <LongUnsigned Value="19AC" /> </Data> </pre>	
(41)	.version	PASSED
	<pre> <Data> <Unsigned Value="02" /> </Data> </pre>	
(42)	.device_type	PASSED
	<pre> <Data> <Unsigned Value="03" /> </Data> </pre>	
(43)	.access_number	PASSED
	<pre> <Data> <Unsigned Value="0E" /> </Data> </pre>	
(44)	.status	PASSED
	<pre> <Data> <Unsigned Value="00" /> </Data> </pre>	
(45)	.alarm	PASSED
	<pre> <Data> <Unsigned Value="00" /> </Data> </pre>	
	Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1571)	
(46)	.value	PASSED
	<pre> <Data> <DoubleLongUnsigned Value="00000D55" /> </Data> </pre>	
(47)	.scaler_unit	PASSED
	<pre> <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data> </pre>	
(48)	.status	PASSED
	<pre> <Data> <Unsigned Value="00" /> </Data> </pre>	
	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 <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FE" /> </Structure> </Data>	PASSED
(51)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
	Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1603)	
(52)	.value <Data> <DoubleLongUnsigned Value="000009B2" /> </Data>	PASSED
(53)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data>	PASSED
(54)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
	Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1611)	
(55)	.value <Data> <DoubleLongUnsigned Value="00000001" /> </Data>	PASSED
(56)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FE" /> </Structure> </Data>	PASSED
(57)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
	Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1635)	
(58)	.value <Data> <DoubleLongUnsigned Value="00000CBE" /> </Data>	PASSED
(59)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data>	PASSED
(60)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
	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 <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FE" /> </Structure> </Data>	PASSED
(63)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
	Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1667)	
(64)	.value <Data> <DoubleLongUnsigned Value="000006F8" /> </Data>	PASSED
(65)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data>	PASSED
(66)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
	Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1675)	
(67)	.value <Data> <DoubleLongUnsigned Value="00000001" /> </Data>	PASSED
(68)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FE" /> </Structure> </Data>	PASSED
(69)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
	Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1699)	
(70)	.value <Data> <OctetString Value="\00000540029380911" /> </Data>	PASSED
	Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1703)	
(71)	.value <Data> <OctetString Value="\00000540029381011" /> </Data>	PASSED
	Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1707)	
(72)	.value <Data> <OctetString Value="\00000540029381211" /> </Data>	PASSED
	Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1711)	

(73) .value <Data> <OctetString Value="\00000540029381111" /> </Data>	PASSED
Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1715) (74) .value <Data> <OctetString Value="" /> </Data>	PASSED
Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1719) (75) .value <Data> <OctetString Value="" /> </Data>	PASSED
Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1723) (76) .value <Data> <OctetString Value="" /> </Data>	PASSED
Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1727) (77) .value <Data> <OctetString Value="" /> </Data>	PASSED
Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1747) (78) .buffer 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>	PASSED

```

<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>

```

```

<OctetString Value="07E20301040A000000FFC400" />
<Unsigned Value="00" />
<DoubleLongUnsigned Value="00000D55" />
<DoubleLongUnsigned Value="00000001" />
<DoubleLongUnsigned Value="00000000" />
<DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0006" >
  <OctetString Value="07E20301040C000000FFC400" />
  <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
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="07E20214020C000000FFFC400" />
        <Unsigned Value="00" />
        <DoubleLongUnsigned Value="000009B2" />
        <DoubleLongUnsigned Value="00000001" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
      <Structure Qty="0006" >
        <OctetString Value="07E20214020D000000FFFC400" />
        <Unsigned Value="00" />
        <DoubleLongUnsigned Value="000009B2" />
        <DoubleLongUnsigned Value="00000001" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
    </Array>
  </_Data>

```

PASSED

```

<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 PASSED
<Data>
<Array Qty="0006" >
<Structure Qty="0004" >
<LongUnsigned Value="0008" />
<OctetString Value="0000010000FF" />
<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>

```

```

<Structure Qty="0004" >
  <LongUnsigned Value="0001" />
  <OctetString Value="0002600A03FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180201FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180202FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180203FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180204FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>
(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" />
    </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" />
    </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
<pre> <Data> <Bool Value="01" /> </Data> </pre>	
(98) .control_state	PASSED
<pre> <Data> <Enum Value="01" /> </Data> </pre>	
(99) .control_mode	PASSED
<pre> <Data> <Enum Value="00" /> </Data> </pre>	
Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1807)	
(100) .output_state	PASSED
<pre> <Data> <Bool Value="01" /> </Data> </pre>	
(101) .control_state	PASSED
<pre> <Data> <Enum Value="01" /> </Data> </pre>	
(102) .control_mode	PASSED
<pre> <Data> <Enum Value="00" /> </Data> </pre>	
Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1815)	
(103) .output_state	PASSED
<pre> <Data> <Bool Value="01" /> </Data> </pre>	
(104) .control_state	PASSED
<pre> <Data> <Enum Value="01" /> </Data> </pre>	
(105) .control_mode	PASSED
<pre> <Data> <Enum Value="00" /> </Data> </pre>	
Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1823)	
(106) .executed_script	PASSED
<pre> <Data> <Structure Qty="0002" > <OctetString Value="00010A006AFF" /> <LongUnsigned Value="0001" /> </Structure> </Data> </pre>	
(107) .type	PASSED
<pre> <Data> <Enum Value="01" /> </Data> </pre>	
(108) .execution_time	PASSED
<pre> <Data> <Array Qty="0000" > </Array> </Data> </pre>	
Mngmt Get M-Bus Disconnect script table 0-1:10.0.106.255 (@1829)	
(109) .scripts	PASSED
<pre> <Data> <Array Qty="0008" > <Structure Qty="0002" > <LongUnsigned Value="0001" /> <Array Qty="0001" > <Structure Qty="0005" > <Enum Value="02" /> </Structure> </Array> </Structure> </Array> </pre>	

```

        <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" />

```

```

    <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="000010000FF" />
      <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 <Data> <OctetString Value="00001A0300FF" /> </Data>	PASSED
(24)	.synchronization_register <Data> <Array Qty="0001" > <Structure Qty="0002" > <LongUnsigned Value="0C00" /> <DoubleLongUnsigned Value="00000027" /> </Structure> </Array> </Data>	PASSED
(25)	.desynchronization_listing <Data> <Structure Qty="0005" > <DoubleLongUnsigned Value="0000008E" /> <DoubleLongUnsigned Value="00000000" /> <DoubleLongUnsigned Value="00000024" /> <DoubleLongUnsigned Value="00000002" /> <DoubleLongUnsigned Value="00000000" /> </Structure> </Data>	PASSED
(26)	.broadcast_frames_counter <Data> <Array Qty="0001" > <Structure Qty="0002" > <LongUnsigned Value="0C00" /> <DoubleLongUnsigned Value="0000001C" /> </Structure> </Array> </Data>	PASSED
(27)	.repetitions_counter <Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED
(28)	.transmissions_counter <Data> <DoubleLongUnsigned Value="0000057A" /> </Data>	PASSED
(29)	.CRC_OK_frames_counter <Data> <DoubleLongUnsigned Value="000005DD" /> </Data>	PASSED
(30)	.CRC_NOK_frames_counter <Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED
Mngmt Get S-FSK IEC 61334-4-32 LLC Setup 0-0:26.5.0.255 (@1973)		
(31)	.logical_name <Data> <OctetString Value="00001A0500FF" /> </Data>	PASSED
(32)	.max_frame_length <Data> <Unsigned Value="F2" /> </Data>	PASSED
(33)	.reply_status_list <Data> <Array Qty="0001" > <Structure Qty="0002" > <Unsigned Value="00" /> <Unsigned Value="07" /> </Structure> </Array> </Data>	PASSED

```

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 = {
  // Disconnecter 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 = {
}

PLCCConfig = {
    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
  }
}

HDLCProfile = {

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

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

```

```
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
```