

Final Interoperability Test Report

FIT #: **27**
 Date: 08.05.2018
 Location: DNV-GL, Arnhem, Netherlands
 Page 1 of 71

APPLICANT

Company: Iskraemeco d.d.

Address: Savska loka 4, 4000 Kranj, Slovenija

DEVICE

Device type	AM550E + AC150-G2 G2-PLC	
<i>Type indication on MID certificate</i>		<i>MID Certificate No.</i>
AM550		SIQ 16MID001
<i>IDIS Specification reference</i>	<i>DNV-GL IDIS Certification run No</i>	<i>Digital signature of the test report.</i>
Package 1 ed. 1.1	284	5ED8B9B231818E5A08861F7D15A70256
<i>First certification</i>	<i>IDIS Label</i>	<i>Modular device</i>
☐	0035	☒
<i>General information about the device</i>		
Module: AC150-G2 G2-PLC		

FIRMWARE VERSIONS TESTED				<i>Final Interoperability Test No. 27</i>
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	ISK550EC02302000	ISK550EA03303009		Passed

Honeywell

Iskraemeco d.d.

Ittron

Landis+Gyr AG

Fit #27

Device:AM550E + AC150-G2 G2-PLC DNV-GL,Arnhem, Netherlands, 08.05.2018

Page 2 of 71

FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	ISK550EC02302000	ISK550EA03303009		27	Passed

Fit #27

Device:AM550E + AC150-G2 G2-PLC

DNV-GL,Arnhem, Netherlands, 08.05.2018

Page 3 of 71

TEST REPORT - Firmware No. 1		
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 08-MAY-2018 10:14:06 iCTT1 Package 1, Edition 1.1, Revision 1 (211) Licensed to: KEMA-IDIS Cert. Tester: Bas Roelofsen ***** ***** * Identification * ***** Manufacturer = { Name = '\Iskraemeco' ThreeLettersId = '\ISK' } DeviceUnderTest = { IDISDeviceType = 100 IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M] SerialNr = 28021316 Type = '\Single-phase AM550 + AC150-G2 G2-PLC' } Active firmware version (1-0:0.2.0.255) = \ISK550EC02302000 Active firmware version 1 (1-1:0.2.0.255) = \ISK550EA03303009 ***** * Summary * ***** PASSED 238 FAILED 0 DISABLED 0 INAPPLICABLE 4 INCONCLUSIVE 0 FATAL 0 TOTAL 242 ***** Test Case 1 : Discovery, 1 item(s) ***** (1) Meter Discovery PASSED ***** Test Case 2 : Connect and release, 4 item(s) ***** (1) Connect Public PASSED (2) Release Public PASSED (3) Connect Management PASSED (4) Release Management PASSED ***** </pre>		

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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="00" />
    </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="0002" />
    </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>

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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="0028" />
    </Data>

(21) .timeout_not_addressed PASSED
    <Data>
        <LongUnsigned Value="0078" />
    </Data>

(22) .timeout_frame_not_OK PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Get S-FSK MAC counters 0-0:26.3.0.255 (@1962)
(23) .logical_name PASSED
    <Data>
        <OctetString Value="00001A0300FF" />
    </Data>

(24) .synchronization_register PASSED
    <Data>
        <Array Qty="0004" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0C00" />
                <DoubleLongUnsigned Value="0000000B" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="C614" />
                <DoubleLongUnsigned Value="8912EC4A" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
        </Array>
    </Data>

(25) .desynchronization_listing PASSED
    <Data>
        <Structure Qty="0005" >
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000007" />
            <DoubleLongUnsigned Value="0000028F" />
            <DoubleLongUnsigned Value="0000000B" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
    </Data>

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(26) .broadcast_frames_counter	PASSED
<Data> <Array Qty="0001" > <Structure Qty="0002" > <LongUnsigned Value="0C00" /> <DoubleLongUnsigned Value="FFDC7DF" /> </Structure> </Array> </Data>	
(27) .repetitions_counter	PASSED
<Data> <DoubleLongUnsigned Value="00000000" /> </Data>	
(28) .transmissions_counter	PASSED
<Data> <DoubleLongUnsigned Value="000068DC" /> </Data>	
(29) .CRC_OK_frames_counter	PASSED
<Data> <DoubleLongUnsigned Value="00006A7E" /> </Data>	
(30) .CRC_NOK_frames_counter	PASSED
<Data> <DoubleLongUnsigned Value="00000006" /> </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	PASSED
<Data> <OctetString Value="00001A0600FF" /> </Data>	
(35) .reporting_system_list	PASSED
<Data> <Array Qty="0005" > <OctetString Value="5445657520574900" /> <OctetString Value="\ " /> <OctetString Value="\ " /> <OctetString Value="\ " /> <OctetString Value="\ " /> </Array> </Data>	

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="\28021316" />	

</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="" />		
</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="" />		
</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="\ISK1000728021316" />		
</Structure>		
</Array>		
</Data>		

Test Case 6 : Read COSEM logical device name, 2 item(s)		

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*****
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="\ISK1000728021316" />
    </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="\ISK550EC02302000" />
    </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="E4501671265D2A881E786B9E6031A1EB01170F7BC882A2889B493377C6FD90C00A60F604A9AD278617154D
E2964327A4F9E082EE7626D6EE04E5E1855317D96F" />
    </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="\ISK550EA03303009" />
    </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="43A5B6799182B15687CB8A4A3386D64A5F3413FC319EE9486734D3997E9DBC20E3F00B28B632E24699F2E2
07443960870BD0A2C80DF6125FB380183CA8ECE856" />
    </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

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(12) .value
INAPPLICABLE
Optional object is not implemented

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

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time                                     PASSED
    <Data>
    <OctetString Value="07E20508020B0000FF8000FF" />
    </Data>

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

Mngmt Get Clock 0-0:1.0.0.255 (@75)
(1) .time                                     PASSED
    <Data>
    <OctetString Value="07E20508020B000500FF8880" />
    </Data>

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

Mngmt Set Special Days Table 0-0:11.0.0.255 (@113)
(1) .entries                                     PASSED
    <Data>
    <Array Qty="001E" >
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="FFFF0101FF" />
            <Unsigned Value="02" />
        </Structure>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="FFFF0102FF" />
            <Unsigned Value="02" />
        </Structure>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="FFFF0103FF" />
            <Unsigned Value="02" />
        </Structure>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="FFFF0104FF" />
            <Unsigned Value="02" />
        </Structure>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="FFFF0105FF" />
            <Unsigned Value="02" />
        </Structure>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="FFFF0106FF" />
            <Unsigned Value="02" />
        </Structure>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="FFFF0107FF" />
            <Unsigned Value="02" />
        </Structure>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="FFFF0108FF" />
            <Unsigned Value="02" />
        </Structure>
    </Array>
    <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>
<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" />
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  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
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<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>

```

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

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

PASSED

```

  <_Data>
    <Array Qty="001E" >
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0101FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0102FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0103FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0104FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0105FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >

```

```

        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0106FF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0107FF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0108FF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0109FF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF010AFF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0201FF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0202FF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
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        <OctetString Value="FFFF0203FF" />
        <Unsigned Value="02" />
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        <Unsigned Value="02" />
    </Structure>
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        <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>
<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" />
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  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</_Data>

```

```

*****
Test Case 12 : Read Event Log buffers, 4 item(s)
*****

```

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@181)

(1) .buffer

entries_in_use: 30

<Data>

<DoubleLongUnsigned Value="0000001E" />

</Data>

capture_objects:

<Data>

<Array Qty="0002" >

<Structure Qty="0004" >

<LongUnsigned Value="0008" />

<OctetString Value="0000010000FF" />

<Integer Value="02" />

<LongUnsigned Value="0000" />

</Structure>

PASSED

```

        <Structure Qty="0004" >
            <LongUnsigned Value="0001" />
            <OctetString Value="0000600B02FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Array>
</Data>
Buffer has 30 elements:
<_Data>
    <Array Qty="001E" >
        <Structure Qty="0002" >
            <OctetString Value="07E20504050D1F2F00FF8880" />
            <Enum Value="3F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E20504050D1F2F00FF8880" />
            <Enum Value="3B" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040500000000FF8880" />
            <Enum Value="45" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040500000000FF8880" />
            <Enum Value="EE" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E20504050C000000FF8880" />
            <Enum Value="40" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E20504050C0A0000FF8880" />
            <Enum Value="45" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E20504050C0A0000FF8880" />
            <Enum Value="EE" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513042700FF8880" />
            <Enum Value="3E" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513043B00FF8880" />
            <Enum Value="3F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513043B00FF8880" />
            <Enum Value="3B" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513051600FF8880" />
            <Enum Value="3E" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513052A00FF8880" />
            <Enum Value="3F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513052A00FF8880" />
            <Enum Value="EE" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513060300FF8880" />
            <Enum Value="3E" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513061600FF8880" />
            <Enum Value="3F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513061600FF8880" />

```

```

        <Enum Value="3B" />
      </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513062C00FF8880" />
      <Enum Value="3E" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513070500FF8880" />
      <Enum Value="3F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513070500FF8880" />
      <Enum Value="EE" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513071D00FF8880" />
      <Enum Value="3E" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513073000FF8880" />
      <Enum Value="3F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513073000FF8880" />
      <Enum Value="3B" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513080B00FF8880" />
      <Enum Value="3E" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513082100FF8880" />
      <Enum Value="3F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513082100FF8880" />
      <Enum Value="3B" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040500000000FF8880" />
      <Enum Value="45" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040500000000FF8880" />
      <Enum Value="EE" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20504050C000000FF8880" />
      <Enum Value="40" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20504050C0A0000FF8880" />
      <Enum Value="45" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20504050C0A0000FF8880" />
      <Enum Value="EE" />
    </Structure>
  </Array>
</_Data>
Earliest date: 04-MAY-2018 00:00:00, latest date: 04-MAY-2018 19:08:33
Middle date: 04-MAY-2018 19:06:22

```

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@261)

(2) .buffer

PASSED

entries_in_use: 100

<Data>

<DoubleLongUnsigned Value="00000064" />

</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 100 elements:
<_Data>
    <Array Qty="0064" >
        <Structure Qty="0002" >
            <OctetString Value="07E205040513062700FF8880" />
            <Enum Value="2F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513071800FF8880" />
            <Enum Value="2F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513080700FF8880" />
            <Enum Value="2F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513090A00FF8880" />
            <Enum Value="2F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513091A00FF8880" />
            <Enum Value="2F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040513092E00FF8880" />
            <Enum Value="2F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2050405130A0100FF8880" />
            <Enum Value="2F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2050405130A2000FF8880" />
            <Enum Value="13" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2050405130A2000FF8880" />
            <Enum Value="2F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2050405130A3700FF8880" />
            <Enum Value="2F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2050405130B0800FF8880" />
            <Enum Value="09" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2050405130B1100FF8880" />
            <Enum Value="04" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040500000000FF8880" />
            <Enum Value="05" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040500001A00FF8880" />
            <Enum Value="04" />
        </Structure>
    </Structure>
    <Structure Qty="0002" >

```

```

        <OctetString Value="07E205040504000000FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040504001B00FF8880" />
        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040508000000FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040508001900FF8880" />
        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C000000FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C001D00FF8880" />
        <Enum Value="13" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C001D00FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C002F00FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C003A00FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C010900FF8880" />
        <Enum Value="09" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C011200FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C012900FF8880" />
        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2050405130E1000FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2050405130E1200FF8880" />
        <Enum Value="13" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2050405130E1200FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2050405130E1600FF8880" />
        <Enum Value="E7" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2050405130E1E00FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2050405130E2300FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2050405130E2B00FF8880" />

```

```

        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C000000FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C000200FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C000400FF8880" />
        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C043700FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C051300FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C051900FF8880" />
        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C093700FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20504050C0A1100FF8880" />
        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2050405130F2400FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040513153900FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040513160400FF8880" />
        <Enum Value="13" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040513160400FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040513162600FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040513163500FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040513170000FF8880" />
        <Enum Value="13" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040513170000FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040513172300FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205040513173000FF8880" />
        <Enum Value="2F" />
    </Structure>

```

```

</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040513173800FF8880" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040513173800FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040513190300FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040513191600FF8880" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040513191600FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131A0600FF8880" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131A0600FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131A2F00FF8880" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131A3500FF8880" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131B0600FF8880" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131B0600FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131B0A00FF8880" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131B1F00FF8880" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131B1F00FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131B3200FF8880" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131C0700FF8880" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131C0D00FF8880" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131C1A00FF8880" />
  <Enum Value="30" />
</Structure>

```

```

<Structure Qty="0002" >
  <OctetString Value="07E2050405131C1E00FF8880" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131C1E00FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131C2E00FF8880" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131E2600FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131F0800FF8880" />
  <Enum Value="33" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405131F0A00FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050405163B2100FF8880" />
  <Enum Value="11" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040517000800FF8880" />
  <Enum Value="12" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040517000800FF8880" />
  <Enum Value="12" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040517003800FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050506021C0400FF8880" />
  <Enum Value="11" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050506021C1200FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050506021D0F00FF8880" />
  <Enum Value="12" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050506021D0F00FF8880" />
  <Enum Value="12" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E20505060D1C1800FF8880" />
  <Enum Value="0B" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E20505060D1E0A00FF8880" />
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050802081B0900FF8880" />
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050802081D0700FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >

```

```

        <OctetString Value="07E205080209142500FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205080209163700FF8880" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205080209163700FF8880" />
        <Enum Value="0B" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205080209210700FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2050802092D2600FF8880" />
        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B000000FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B000600FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B000C00FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B210A00FF8880" />
        <Enum Value="04" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B000000FF8880" />
        <Enum Value="05" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B000B00FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B001600FF8880" />
        <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B001F00FF8880" />
        <Enum Value="2F" />
    </Structure>
</Array>
</_Data>
Earliest date: 04-MAY-2018 00:00:00, latest date: 08-MAY-2018 11:33:10
Middle date: 04-MAY-2018 19:23:48

```

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@276)

(3) .buffer

PASSED

```

    entries_in_use: 30
    <Data>
        <DoubleLongUnsigned Value="0000001E" />
    </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" />
            </Structure>
        </Array>
    </Data>

```

```

        <OctetString Value="0000600B01FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
Buffer has 30 elements:
<_Data>
  <Array Qty="001E" >
    <Structure Qty="0002" >
      <OctetString Value="07E2031A010F0F0C00FF8880" />
      <Enum Value="2C" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031B0207341600FF8880" />
      <Enum Value="2D" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031B0207341600FF8880" />
      <Enum Value="29" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031B0207341600FF8880" />
      <Enum Value="F5" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031B020F112D00FF8880" />
      <Enum Value="28" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031B020F112D00FF8880" />
      <Enum Value="F4" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031C0309243500FF8880" />
      <Enum Value="29" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031C0309243500FF8880" />
      <Enum Value="F5" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031C03092E2700FF8880" />
      <Enum Value="F4" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031C030A2F0400FF8880" />
      <Enum Value="F5" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2031C030C073000FF8880" />
      <Enum Value="32" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20414050D2B2E00FF8880" />
      <Enum Value="32" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2041701080F0800FF8880" />
      <Enum Value="32" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E204170109232500FF8880" />
      <Enum Value="28" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E204170109241B00FF8880" />
      <Enum Value="29" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20417010A313500FF8880" />
      <Enum Value="28" />
    </Structure>
  </Array>

```

```

    <Structure Qty="0002" >
      <OctetString Value="07E20417010A313500FF8880" />
      <Enum Value="F4" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E204180207321600FF8880" />
      <Enum Value="29" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E204180207321600FF8880" />
      <Enum Value="F5" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E204180208081C00FF8880" />
      <Enum Value="28" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E204180208082300FF8880" />
      <Enum Value="29" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E204180208082900FF8880" />
      <Enum Value="28" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E204180208230500FF8880" />
      <Enum Value="28" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2041802082D3000FF8880" />
      <Enum Value="29" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20503040C282D00FF8880" />
      <Enum Value="32" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20504050A031100FF8880" />
      <Enum Value="32" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20504050D301100FF8880" />
      <Enum Value="32" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E205040513191200FF8880" />
      <Enum Value="32" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2050802081B2D00FF8880" />
      <Enum Value="28" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E2050802081C1D00FF8880" />
      <Enum Value="29" />
    </Structure>
  </Array>
</_Data>
Earliest date: 26-MAR-2018 15:15:12, latest date: 08-MAY-2018 08:28:29
Middle date: 23-APR-2018 10:49:53

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1249)
(4) .buffer
  entries_in_use: 20
    <Data>
      <DoubleLongUnsigned Value="00000014" />
    </Data>
  capture_objects:
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
        </Structure>
      </Array>
    </Data>
  
```

PASSED

```

        <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 20 elements:
<_Data>
    <Array Qty="0014" >
        <Structure Qty="0002" >
            <OctetString Value="07E2031B0207340E00FF8880" />
            <Enum Value="52" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2031B0207340E00FF8880" />
            <Enum Value="55" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2031C0309242D00FF8880" />
            <Enum Value="52" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2031C0309242D00FF8880" />
            <Enum Value="55" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2031C030A2E3800FF8880" />
            <Enum Value="52" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2031C030A2E3800FF8880" />
            <Enum Value="55" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2031D040A052300FF8880" />
            <Enum Value="52" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2031D040A052300FF8880" />
            <Enum Value="55" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E204170107051600FF8880" />
            <Enum Value="52" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E204170107051600FF8880" />
            <Enum Value="55" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2041701093A2D00FF8880" />
            <Enum Value="52" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2041701093A2D00FF8880" />
            <Enum Value="55" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E204180207320E00FF8880" />
            <Enum Value="52" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E204180207320E00FF8880" />
            <Enum Value="55" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E205040508342F00FF8880" />
            <Enum Value="52" />
    </Array>

```

```

</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040508342F00FF8880" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040511170400FF8880" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E205040511170400FF8880" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050802081B0A00FF8880" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07E2050802081B0A00FF8880" />
  <Enum Value="55" />
</Structure>
</Array>
</_Data>
Earliest date: 27-MAR-2018 07:52:14, latest date: 08-MAY-2018 08:27:10
Middle date: 23-APR-2018 09:58:45

```

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

PASSED

entries_in_use: 12

<Data>

<DoubleLongUnsigned Value="0000000C" />

</Data>

capture_objects:

<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 12 elements:

< Data>

```

<Array Qty="000C" >
  <Structure Qty="0005" >
    <OctetString Value="07E2031C030B382C00FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E20414050B253600FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E20414050B270200FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E20414050B280500FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E20414050B290300FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E20414050B2A0200FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E20414050D211200FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E204170108032F00FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E20503040C1E0300FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E205040509340D00FF8880" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0005" >
    <OctetString Value="07E20504050D251800FF8880" />

```

<pre> <DoubleLongUnsigned Value="00000000" /> <DoubleLongUnsigned Value="00000000" /> <DoubleLongUnsigned Value="00000000" /> <DoubleLongUnsigned Value="00000000" /> </Structure> <Structure Qty="0005" > <OctetString Value="07E2050405130E1600FF8880" /> <DoubleLongUnsigned Value="00000000" /> <DoubleLongUnsigned Value="00000000" /> <DoubleLongUnsigned Value="00000000" /> <DoubleLongUnsigned Value="00000000" /> </Structure> </Array> </_Data> Earliest date: 28-MAR-2018 11:56:44, latest date: 04-MAY-2018 19:14:22 Middle date: 20-APR-2018 13:33:18 ***** Test Case 14 : M-Bus G350 uncorr & valve, 130 item(s) ***** </pre>		
Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1475)		
(1) .comm_speed	PASSED	
<pre> <Data> <Enum Value="03" /> </Data> </pre>		
Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1483)		
(2) .mbus_port_reference	PASSED	
<pre> <Data> <OctetString Value="0000180600FF" /> </Data> </pre>		
(3) .capture_definition	PASSED	
<pre> <Data> <Array Qty="0004" > <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="8940" /> <OctetString Value="FD1A" /> </Structure> <Structure Qty="0002" > <OctetString Value="0000000000000000" /> <OctetString Value="0000000000000000" /> </Structure> <Structure Qty="0002" > <OctetString Value="0000000000000000" /> <OctetString Value="0000000000000000" /> </Structure> </Array> </Data> </pre>		
(4) .capture_period	PASSED	
<pre> <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> </pre>		
(5) .primary_address	PASSED	
<pre> <Data> <Unsigned Value="01" /> </Data> </pre>		
(6) .identification_number	PASSED	
<pre> <Data> <DoubleLongUnsigned Value="00047BB1" /> </Data> </pre>		
(7) .manufacturer_id	PASSED	
<pre> <Data> <LongUnsigned Value="19AC" /> </Data> </pre>		
(8) .version	PASSED	
<pre> <Data> <Unsigned Value="02" /> </Data> </pre>		

(9) .device_type	PASSED
<Data>	
<Unsigned Value="03" />	
</Data>	
(10) .access_number	PASSED
<Data>	
<Unsigned Value="E3" />	
</Data>	
(11) .status	PASSED
<Data>	
<Unsigned Value="00" />	
</Data>	
(12) .alarm	PASSED
<Data>	
<Unsigned Value="00" />	
</Data>	
Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1505)	
(13) .mbus_port_reference	PASSED
<Data>	
<OctetString Value="0000180600FF" />	
</Data>	
(14) .capture_definition	PASSED
<Data>	
<Array Qty="0004" >	
<Structure Qty="0002" >	
<OctetString Value="\L" />	
<OctetString Value="933A" />	
</Structure>	
<Structure Qty="0002" >	
<OctetString Value="8940" />	
<OctetString Value="FD1A" />	
</Structure>	
<Structure Qty="0002" >	
<OctetString Value="0000000000000000" />	
<OctetString Value="0000000000000000" />	
</Structure>	
<Structure Qty="0002" >	
<OctetString Value="0000000000000000" />	
<OctetString Value="0000000000000000" />	
</Structure>	
</Array>	
</Data>	
(15) .capture_period	PASSED
<Data>	
<DoubleLongUnsigned Value="00000E10" />	
</Data>	
(16) .primary_address	PASSED
<Data>	
<Unsigned Value="02" />	
</Data>	
(17) .identification_number	PASSED
<Data>	
<DoubleLongUnsigned Value="00047BB2" />	
</Data>	
(18) .manufacturer_id	PASSED
<Data>	
<LongUnsigned Value="19AC" />	
</Data>	
(19) .version	PASSED
<Data>	
<Unsigned Value="02" />	
</Data>	
(20) .device_type	PASSED
<Data>	
<Unsigned Value="03" />	
</Data>	
(21) .access_number	PASSED
<Data>	
<Unsigned Value="CC" />	
</Data>	
(22) .status	PASSED
<Data>	

	<Unsigned Value="00" /> </Data>	
(23)	.alarm <Data> <Unsigned Value="00" /> </Data>	PASSED
	Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1527)	
(24)	.mbus_port_reference <Data> <OctetString Value="0000180600FF" /> </Data>	PASSED
(25)	.capture_definition <Data> <Array Qty="0004" > <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="8940" /> <OctetString Value="FD1A" /> </Structure> <Structure Qty="0002" > <OctetString Value="0000000000000000" /> <OctetString Value="0000000000000000" /> </Structure> <Structure Qty="0002" > <OctetString Value="0000000000000000" /> <OctetString Value="0000000000000000" /> </Structure> </Array> </Data>	PASSED
(26)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(27)	.primary_address <Data> <Unsigned Value="03" /> </Data>	PASSED
(28)	.identification_number <Data> <DoubleLongUnsigned Value="00047BB4" /> </Data>	PASSED
(29)	.manufacturer_id <Data> <LongUnsigned Value="19AC" /> </Data>	PASSED
(30)	.version <Data> <Unsigned Value="02" /> </Data>	PASSED
(31)	.device_type <Data> <Unsigned Value="03" /> </Data>	PASSED
(32)	.access_number <Data> <Unsigned Value="C5" /> </Data>	PASSED
(33)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
(34)	.alarm <Data> <Unsigned Value="00" /> </Data>	PASSED
	Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1549)	
(35)	.mbus_port_reference <Data>	PASSED

<OctetString Value="0000180600FF" />		
</Data>		
(36)	.capture_definition	PASSED
<Data>		
<Array Qty="0004" >		
<Structure Qty="0002" >		
<OctetString Value="\L" />		
<OctetString Value="933A" />		
</Structure>		
<Structure Qty="0002" >		
<OctetString Value="8940" />		
<OctetString Value="FD1A" />		
</Structure>		
<Structure Qty="0002" >		
<OctetString Value="0000000000000000" />		
<OctetString Value="0000000000000000" />		
</Structure>		
<Structure Qty="0002" >		
<OctetString Value="0000000000000000" />		
<OctetString Value="0000000000000000" />		
</Structure>		
</Array>		
</Data>		
(37)	.capture_period	PASSED
<Data>		
<DoubleLongUnsigned Value="00000E10" />		
</Data>		
(38)	.primary_address	PASSED
<Data>		
<Unsigned Value="04" />		
</Data>		
(39)	.identification_number	PASSED
<Data>		
<DoubleLongUnsigned Value="00047BB3" />		
</Data>		
(40)	.manufacturer_id	PASSED
<Data>		
<LongUnsigned Value="19AC" />		
</Data>		
(41)	.version	PASSED
<Data>		
<Unsigned Value="02" />		
</Data>		
(42)	.device_type	PASSED
<Data>		
<Unsigned Value="03" />		
</Data>		
(43)	.access_number	PASSED
<Data>		
<Unsigned Value="12" />		
</Data>		
(44)	.status	PASSED
<Data>		
<Unsigned Value="00" />		
</Data>		
(45)	.alarm	PASSED
<Data>		
<Unsigned Value="00" />		
</Data>		
Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1571)		
(46)	.value	PASSED
<Data>		
<DoubleLongUnsigned Value="00000D5E" />		
</Data>		
(47)	.scaler_unit	PASSED
<Data>		
<Structure Qty="0002" >		
<Integer Value="FD" />		
<Enum Value="0D" />		
</Structure>		
</Data>		
(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	
<pre> <Data> <DoubleLongUnsigned Value="00000001" /> </Data> </pre>		
(50) .scaler_unit	PASSED	
<pre> <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FF" /> </Structure> </Data> </pre>		
(51) .status	PASSED	
<pre> <Data> <Unsigned Value="00" /> </Data> </pre>		
Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1603)		
(52) .value	PASSED	
<pre> <Data> <DoubleLongUnsigned Value="000009B8" /> </Data> </pre>		
(53) .scaler_unit	PASSED	
<pre> <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data> </pre>		
(54) .status	PASSED	
<pre> <Data> <Unsigned Value="00" /> </Data> </pre>		
Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1611)		
(55) .value	PASSED	
<pre> <Data> <DoubleLongUnsigned Value="00000001" /> </Data> </pre>		
(56) .scaler_unit	PASSED	
<pre> <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FF" /> </Structure> </Data> </pre>		
(57) .status	PASSED	
<pre> <Data> <Unsigned Value="00" /> </Data> </pre>		
Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1635)		
(58) .value	PASSED	
<pre> <Data> <DoubleLongUnsigned Value="00000CC5" /> </Data> </pre>		
(59) .scaler_unit	PASSED	
<pre> <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data> </pre>		
(60) .status	PASSED	
<pre> <Data> <Unsigned Value="00" /> </Data> </pre>		
Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1643)		

(61) .value	PASSED
<Data>	
<DoubleLongUnsigned Value="00000001" />	
</Data>	
(62) .scaler_unit	PASSED
<Data>	
<Structure Qty="0002" >	
<Integer Value="00" />	
<Enum Value="FF" />	
</Structure>	
</Data>	
(63) .status	PASSED
<Data>	
<Unsigned Value="00" />	
</Data>	
Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1667)	
(64) .value	PASSED
<Data>	
<DoubleLongUnsigned Value="000006FE" />	
</Data>	
(65) .scaler_unit	PASSED
<Data>	
<Structure Qty="0002" >	
<Integer Value="FD" />	
<Enum Value="0D" />	
</Structure>	
</Data>	
(66) .status	PASSED
<Data>	
<Unsigned Value="00" />	
</Data>	
Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1675)	
(67) .value	PASSED
<Data>	
<DoubleLongUnsigned Value="00000001" />	
</Data>	
(68) .scaler_unit	PASSED
<Data>	
<Structure Qty="0002" >	
<Integer Value="00" />	
<Enum Value="FF" />	
</Structure>	
</Data>	
(69) .status	PASSED
<Data>	
<Unsigned Value="00" />	
</Data>	
Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1699)	
(70) .value	PASSED
<Data>	
<OctetString Value="\00000540029380911" />	
</Data>	
Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1703)	
(71) .value	PASSED
<Data>	
<OctetString Value="\00000540029381011" />	
</Data>	
Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1707)	
(72) .value	PASSED
<Data>	
<OctetString Value="\00000540029381211" />	
</Data>	
Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1711)	
(73) .value	PASSED
<Data>	
<OctetString Value="\00000540029381111" />	
</Data>	

```

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

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

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

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

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1747)
(78) .buffer                                     PASSED
    entries_in_use: 41
    <Data>
    <DoubleLongUnsigned Value="00000029" />
    </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="0001600A03FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
    <LongUnsigned Value="0004" />
    <OctetString Value="0001180201FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
    </Structure>
    </Array>
    </Data>
    Buffer has 41 elements:
    <_Data>
    <Array Qty="0029" >
    <Structure Qty="0003" >
    <OctetString Value="07E20504050C000000FF8880" />
    <Unsigned Value="08" />
    <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
    <NullData />
    <Unsigned Value="2D" />
    <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
    <NullData />
    <Unsigned Value="2D" />
    <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >

```

```

<NullData />
<Unsigned Value="8D" />
<DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040512000000FF8880" />
  <Unsigned Value="AD" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040513000000FF8880" />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040500000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040504000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040508000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E20504050C000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040514000000FF8880" />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />

```

[illegible]

```

        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="8D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <OctetString Value="07E205080209000000FF8880" />
        <Unsigned Value="AD" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="2D" />
        <DoubleLongUnsigned Value="00000D5E" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="08" />
        <DoubleLongUnsigned Value="00000D5E" />
    </Structure>
</Array>
</_Data>
Earliest date: 04-MAY-2018 00:00:00, latest date: 08-MAY-2018 09:00:00
Middle date: 04-MAY-2018 20:00:00
(79) .capture_objects PASSED
    <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="0001600A03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0001180201FF" />
                <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="00000029" />
    </Data>

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1758)
(82) .buffer                                             PASSED
    entries_in_use: 41
    <Data>
        <DoubleLongUnsigned Value="00000029" />
    </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="0002600A03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0002180201FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
    Buffer has 41 elements:
    <_Data>
        <Array Qty="0029" >
            <Structure Qty="0003" >
                <OctetString Value="07E20504050C000000FF8880" />
                <Unsigned Value="08" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="8D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <OctetString Value="07E205040512000000FF8880" />
                <Unsigned Value="AD" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
        </Array>
    </Data>

```

```

<Structure Qty="0003" >
  <OctetString Value="07E205040513000000FF8880" />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040500000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040504000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040508000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E20504050C000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040514000000FF8880" />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E20504050C000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040514000000FF8880" />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="0D" />

```

[illegible]

```

        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="8D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <OctetString Value="07E205080209000000FF8880" />
        <Unsigned Value="AD" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="2D" />
        <DoubleLongUnsigned Value="000009B8" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="08" />
        <DoubleLongUnsigned Value="000009B8" />
    </Structure>
    </Array>
</_Data>
Earliest date: 04-MAY-2018 00:00:00, latest date: 08-MAY-2018 09:00:00
Middle date: 04-MAY-2018 20:00:00
(83) .capture_objects PASSED
    <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="0002600A03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0002180201FF" />
                <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="00000029" />
    </Data>

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1769)
(86) .buffer PASSED
    entries_in_use: 41
    <Data>
        <DoubleLongUnsigned Value="00000029" />
    </Data>
    capture_objects:
    <Data>
        <Array Qty="0003" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
            </Structure>
        </Array>
    </Data>

```

```

        <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>
Buffer has 41 elements:
    <_Data>
        <Array Qty="0029" >
            <Structure Qty="0003" >
                <OctetString Value="07E20504050C000000FF8880" />
                <Unsigned Value="08" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="8D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <OctetString Value="07E205040512000000FF8880" />
                <Unsigned Value="AD" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <OctetString Value="07E205040513000000FF8880" />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <OctetString Value="07E205040500000000FF8880" />
                <Unsigned Value="08" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <NullData />
                <Unsigned Value="2D" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
        </Array>
    </_Data>

```

```

</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040504000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040508000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E20504050C000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040514000000FF8880" />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E20504050C000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040514000000FF8880" />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="0D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="0D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205050600000000FF8880" />
  <Unsigned Value="0D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="0D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />

```

```

        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="8D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <OctetString Value="07E205080209000000FF8880" />
        <Unsigned Value="AD" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="2D" />
        <DoubleLongUnsigned Value="00000CC5" />
    </Structure>

```

```

        <Structure Qty="0003" >
            <NullData />
            <Unsigned Value="08" />
            <DoubleLongUnsigned Value="00000CC5" />
        </Structure>
    </Array>
</_Data>
Earliest date: 04-MAY-2018 00:00:00, latest date: 08-MAY-2018 09:00:00
Middle date: 04-MAY-2018 20:00:00
(87) .capture_objects PASSED
    <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="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>
(88) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000E10" />
    </Data>
(89) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000029" />
    </Data>

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1780)
(90) .buffer PASSED
    entries_in_use: 41
    <Data>
        <DoubleLongUnsigned Value="00000029" />
    </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="0004600A03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0004180201FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
    Buffer has 41 elements:
    <_Data>
        <Array Qty="0029" >

```

```

<Structure Qty="0003" >
  <OctetString Value="07E20504050C000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="8D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040512000000FF8880" />
  <Unsigned Value="AD" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040513000000FF8880" />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040500000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07E205040504000000FF8880" />
  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
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  <Unsigned Value="08" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <NullData />
  <Unsigned Value="2D" />

```

```
<DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <OctetString Value="07E20504050C000000FF8880" />  
    <Unsigned Value="08" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <NullData />  
    <Unsigned Value="2D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <OctetString Value="07E205040514000000FF8880" />  
    <Unsigned Value="2D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <OctetString Value="07E20504050C000000FF8880" />  
    <Unsigned Value="08" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <NullData />  
    <Unsigned Value="2D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <OctetString Value="07E205040514000000FF8880" />  
    <Unsigned Value="2D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <NullData />  
    <Unsigned Value="0D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <NullData />  
    <Unsigned Value="0D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <OctetString Value="07E205050600000000FF8880" />  
    <Unsigned Value="0D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <NullData />  
    <Unsigned Value="0D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <NullData />  
    <Unsigned Value="0D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <NullData />  
    <Unsigned Value="0D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>  
<Structure Qty="0003" >  
    <NullData />  
    <Unsigned Value="0D" />  
    <DoubleLongUnsigned Value="00000000" />  
</Structure>
```

```

        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="0D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="8D" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <OctetString Value="07E205080209000000FF8880" />
        <Unsigned Value="AD" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="2D" />
        <DoubleLongUnsigned Value="000006FE" />
    </Structure>
    <Structure Qty="0003" >
        <NullData />
        <Unsigned Value="08" />
        <DoubleLongUnsigned Value="000006FE" />
    </Structure>
    </Array>
</_Data>
    Earliest date: 04-MAY-2018 00:00:00, latest date: 08-MAY-2018 09:00:00
    Middle date: 04-MAY-2018 20:00:00
(91) .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" >

```

PASSED

```

        <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>
</Array>
</Data>
(92) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000E10" />
    </Data>
(93) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000029" />
    </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="02" />
    </Data>
(96) .control_mode PASSED
    <Data>
        <Enum Value="01" />
    </Data>

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1799)
(97) .output_state PASSED
    <Data>
        <Bool Value="01" />
    </Data>
(98) .control_state PASSED
    <Data>
        <Enum Value="02" />
    </Data>
(99) .control_mode PASSED
    <Data>
        <Enum Value="01" />
    </Data>

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1807)
(100) .output_state PASSED
    <Data>
        <Bool Value="01" />
    </Data>
(101) .control_state PASSED
    <Data>
        <Enum Value="02" />
    </Data>
(102) .control_mode PASSED
    <Data>
        <Enum Value="01" />
    </Data>

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1815)
(103) .output_state PASSED
    <Data>
        <Bool Value="01" />
    </Data>
(104) .control_state PASSED
    <Data>
        <Enum Value="02" />
    </Data>

```

(105)	.control_mode <Data> <Enum Value="01" /> </Data>	PASSED
Mngmt	Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1823)	
(106)	.executed_script <Data> <Structure Qty="0002" > <OctetString Value="00010A006AFF" /> <LongUnsigned Value="0001" /> </Structure> </Data>	PASSED
(107)	.type <Data> <Enum Value="01" /> </Data>	PASSED
(108)	.execution_time <Data> <Array Qty="0001" > <Structure Qty="0002" > <OctetString Value="FFFFFFFF" /> <OctetString Value="FFFFFFFF" /> </Structure> </Array> </Data>	PASSED
Mngmt	Get M-Bus Disconnect script table 0-1:10.0.106.255 (@1829)	
(109)	.scripts <_Data> <Array Qty="0008" > <Structure Qty="0002" > <LongUnsigned Value="0001" /> <Array Qty="0001" > <Structure Qty="0005" > <Enum Value="02" /> <LongUnsigned Value="0046" /> <OctetString Value="0001180400FF" /> <Integer Value="01" /> <Integer Value="00" /> </Structure> </Array> </Structure> <Structure Qty="0002" > <LongUnsigned Value="0002" /> <Array Qty="0001" > <Structure Qty="0005" > <Enum Value="02" /> <LongUnsigned Value="0046" /> <OctetString Value="0001180400FF" /> <Integer Value="02" /> <Integer Value="00" /> </Structure> </Array> </Structure> <Structure Qty="0002" > <LongUnsigned Value="0003" /> <Array Qty="0001" > <Structure Qty="0005" > <Enum Value="02" /> <LongUnsigned Value="0046" /> <OctetString Value="0002180400FF" /> <Integer Value="01" /> <Integer Value="00" /> </Structure> </Array> </Structure> <Structure Qty="0002" > <LongUnsigned Value="0004" /> <Array Qty="0001" > <Structure Qty="0005" > <Enum Value="02" /> <LongUnsigned Value="0046" /> </Structure> </Array> </Structure> </Array> </_Data>	PASSED

```

        <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="FF" />
    </Data>

```

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1850)

(111) .buffer

PASSED

entries_in_use: 6

```

    <Data>
        <DoubleLongUnsigned Value="00000006" />
    </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 6 elements:
<Data>
    <Array Qty="0006" >
        <Structure Qty="0002" >
            <OctetString Value="07E2031C0309283800FF8880" />
            <Enum Value="1F" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E2031C0309283900FF8880" />
            <Enum Value="1E" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E20417010A061000FF8880" />
            <Enum Value="A2" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E20417010A061500FF8880" />
            <Enum Value="A3" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E20417010A061A00FF8880" />
            <Enum Value="A2" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07E20417010A061F00FF8880" />
            <Enum Value="A3" />
        </Structure>
    </Array>
</Data>
Earliest date: 28-MAR-2018 09:40:56, latest date: 23-APR-2018 10:06:31
Middle date: 23-APR-2018 10:06:21
(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="00000006" />
    </Data>

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1861)
(115) .buffer PASSED
    entries_in_use: 6

```

```

        <Data>
            <DoubleLongUnsigned Value="00000006" />
        </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 6 elements:
    <Data>
        <Array Qty="0006" >
            <Structure Qty="0002" >
                <OctetString Value="07E2031C0309283900FF8880" />
                <Enum Value="21" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E2031C0309283A00FF8880" />
                <Enum Value="20" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20417010A062700FF8880" />
                <Enum Value="AC" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20417010A062C00FF8880" />
                <Enum Value="AD" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20417010A063100FF8880" />
                <Enum Value="AC" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20417010A063600FF8880" />
                <Enum Value="AD" />
            </Structure>
        </Array>
    </Data>
    Earliest date: 28-MAR-2018 09:40:57, latest date: 23-APR-2018 10:06:54
    Middle date: 23-APR-2018 10:06:44
(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="00000006" />
    </Data>

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1872)
(119) .buffer
    entries_in_use: 6
    <Data>
    <DoubleLongUnsigned Value="00000006" />
    </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>
    Buffer has 6 elements:
    <Data>
    <Array Qty="0006" >
    <Structure Qty="0002" >
    <OctetString Value="07E2031C0309283A00FF8880" />
    <Enum Value="23" />
    </Structure>
    <Structure Qty="0002" >
    <OctetString Value="07E2031C0309283B00FF8880" />
    <Enum Value="22" />
    </Structure>
    <Structure Qty="0002" >
    <OctetString Value="07E20417010A070100FF8880" />
    <Enum Value="B6" />
    </Structure>
    <Structure Qty="0002" >
    <OctetString Value="07E20417010A070600FF8880" />
    <Enum Value="B7" />
    </Structure>
    <Structure Qty="0002" >
    <OctetString Value="07E20417010A073800FF8880" />
    <Enum Value="B6" />
    </Structure>
    <Structure Qty="0002" >
    <OctetString Value="07E20417010A080200FF8880" />
    <Enum Value="B7" />
    </Structure>
    </Array>
    </Data>
    Earliest date: 28-MAR-2018 09:40:58, latest date: 23-APR-2018 10:08:02
    Middle date: 23-APR-2018 10:07:06
(120) .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>

```

PASSED

PASSED

```

    </Array>
  </Data>
(121) .capture_period PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(122) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000006" />
  </Data>

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1883)
(123) .buffer PASSED
  entries_in_use: 6
  <Data>
    <DoubleLongUnsigned Value="00000006" />
  </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="0004600B04FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
  Buffer has 6 elements:
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0002" >
        <OctetString Value="07E2031C0309283B00FF8880" />
        <Enum Value="25" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E2031C0309290000FF8880" />
        <Enum Value="24" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20417010A013B00FF8880" />
        <Enum Value="C0" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20417010A020600FF8880" />
        <Enum Value="C1" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20417010A020B00FF8880" />
        <Enum Value="C0" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07E20417010A021100FF8880" />
        <Enum Value="C1" />
      </Structure>
    </Array>
  </Data>
  Earliest date: 28-MAR-2018 09:40:59, latest date: 23-APR-2018 10:02:17
  Middle date: 23-APR-2018 10:02:06
(124) .capture_objects PASSED
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>

```

```

        </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="00000006" />
    </Data>

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1898)
(127) .buffer PASSED
    entries_in_use: 30
    <Data>
        <DoubleLongUnsigned Value="0000001E" />
    </Data>
    capture_objects:
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600B03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
    Buffer has 30 elements:
    <_Data>
        <Array Qty="001E" >
            <Structure Qty="0002" >
                <OctetString Value="07E20417010A060300FF8880" />
                <Enum Value="79" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20417010A060400FF8880" />
                <Enum Value="7C" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20417010A061F00FF8880" />
                <Enum Value="64" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20417010A062100FF8880" />
                <Enum Value="65" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E20417010A062200FF8880" />
                <Enum Value="68" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E204180207321E00FF8880" />
                <Enum Value="6E" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07E204180207322300FF8880" />
                <Enum Value="78" />
            </Structure>
            <Structure Qty="0002" >

```

```

        <OctetString Value="07E204180207322800FF8880" />
        <Enum Value="82" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E204180208000500FF8880" />
        <Enum Value="64" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2041802080A3A00FF8880" />
        <Enum Value="65" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2041802080A3B00FF8880" />
        <Enum Value="68" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2041802080B0E00FF8880" />
        <Enum Value="79" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2041802080B1000FF8880" />
        <Enum Value="7C" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2041802080B1700FF8880" />
        <Enum Value="83" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2041802080B1800FF8880" />
        <Enum Value="86" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2041802082E0D00FF8880" />
        <Enum Value="64" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2041802082E2900FF8880" />
        <Enum Value="78" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E2041802082E3300FF8880" />
        <Enum Value="82" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205080209211700FF8880" />
        <Enum Value="69" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205080209212200FF8880" />
        <Enum Value="73" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205080209212C00FF8880" />
        <Enum Value="7D" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E205080209213700FF8880" />
        <Enum Value="87" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B000100FF8880" />
        <Enum Value="68" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B000200FF8880" />
        <Enum Value="72" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B000400FF8880" />
        <Enum Value="7C" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07E20508020B000500FF8880" />

```

```

        <Enum Value="86" />
      </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20508020B000100FF8880" />
      <Enum Value="68" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20508020B000200FF8880" />
      <Enum Value="72" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20508020B000400FF8880" />
      <Enum Value="7C" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07E20508020B000500FF8880" />
      <Enum Value="86" />
    </Structure>
  </Array>
</_Data>
Earliest date: 23-APR-2018 10:06:03, latest date: 08-MAY-2018 11:00:05
Middle date: 24-APR-2018 08:46:13
(128) .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="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="0000001E" />
  </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="00" />
  </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="0002" />	
</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="0028" />	
	</Data>	
(21)	.timeout_not_addressed	PASSED
	<Data>	
	<LongUnsigned Value="0078" />	
	</Data>	
(22)	.timeout_frame_not_OK	PASSED
	<Data>	
	<LongUnsigned Value="001E" />	
	</Data>	
Mngmt Get S-FSK MAC counters 0-0:26.3.0.255 (@1962)		
(23)	.logical_name	PASSED
	<Data>	
	<OctetString Value="00001A0300FF" />	
	</Data>	
(24)	.synchronization_register	PASSED
	<Data>	
	<Array Qty="0004" >	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0C00" />	
	<DoubleLongUnsigned Value="0000000B" />	
	</Structure>	
	<Structure Qty="0002" >	
	<LongUnsigned Value="C614" />	
	<DoubleLongUnsigned Value="1B46F01A" />	
	</Structure>	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0000" />	
	<DoubleLongUnsigned Value="00000000" />	
	</Structure>	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0000" />	
	<DoubleLongUnsigned Value="00000000" />	
	</Structure>	
	</Array>	
	</Data>	
(25)	.desynchronization_listing	PASSED
	<Data>	
	<Structure Qty="0005" >	
	<DoubleLongUnsigned Value="00000000" />	
	<DoubleLongUnsigned Value="00000007" />	
	<DoubleLongUnsigned Value="0000028F" />	
	<DoubleLongUnsigned Value="0000000B" />	
	<DoubleLongUnsigned Value="00000000" />	
	</Structure>	
	</Data>	
(26)	.broadcast_frames_counter	PASSED
	<Data>	
	<Array Qty="0001" >	
	<Structure Qty="0002" >	
	<LongUnsigned Value="0C00" />	
	<DoubleLongUnsigned Value="FFDC4C1" />	
	</Structure>	
	</Array>	
	</Data>	
(27)	.repetitions_counter	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000000" />	
	</Data>	
(28)	.transmissions_counter	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00006A6B" />	
	</Data>	
(29)	.CRC_OK_frames_counter	PASSED
	<Data>	
	<DoubleLongUnsigned Value="0000724A" />	
	</Data>	
(30)	.CRC_NOK_frames_counter	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000007" />	

```

        </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                                     PASSED
    <Data>
        <OctetString Value="00001A0600FF" />
    </Data>

(35) .reporting_system_list                             PASSED
    <Data>
        <Array Qty="0005" >
            <OctetString Value="5445657520574900" />
            <OctetString Value="\ " />
            <OctetString Value="\ " />
            <OctetString Value="\ " />
            <OctetString Value="\ " />
        </Array>
    </Data>

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

// CTI Template
// 1.0
// FIT CTI FILE
// Mandatory 'Manufacturer' structure
// *****
Manufacturer = {
    // Keep the leading '\' to denote a visible-string.
    Name = '\Iskraemeco'
    ThreeLettersId = '\ISK'
}

// Mandatory 'DeviceUnderTest' structure
// *****
DeviceUnderTest = {
    // 'MeterId' is a visible string that must match the one expected by
    // the Data Concentrator
    // MeterId = '\ISK6400000001'

    // The system title of the meter is the MeterId as a binary string
    // MeterSystemTitle = '49534B6400000001'

    // IDISDeviceType is 100 or 101, it is part of the DUT system title
    IDISDeviceType = 100

    // IDISFunctionType indicates the extension(s) supported by the DUT,
    // it is also a part of the DUT system title.
    // It is a set (possibly empty) of elements
    // Extension_D, Extension_L and Extension_M
    IDISFunctionType = [Extension_D, Extension_L, Extension_M]

    // The serial number is only for documentation purpose.

```

```

SerialNr = 28021316
Type = '\Single-phase AM550 + AC150-G2 G2-PLC'

// SupportedExtensions = [Extension_D, Extension_L, Extension_M]
}

// Mandatory 'ObjectMode' structure
// *****
// It defines the variant of the object model that the iCTT uses for testing.

ObjectModel = {
// 'IDIS version' can be 100 or 101
// IDISVersion = 100

// 'WithOptionals' indicates if the optional elements of the object model
// are implemented by the device. If yes, then there are all tested, if not, they
// are not tested at all.
// OptionalObjects = ''
OptionalObjects = '\' +
    '1-0:0.9.1.255, ' +
    '1-0:0.9.2.255, ' +
    '0-2:96.3.10.255, ' +
    '1-1:0.2.0.255, ' +
    '1-1:0.2.8.255, ' +
    '1-0:9.8.0.255, ' +
    '1-0:10.8.0.255, ' +
    '1-0:5.8.1.255, ' +
    '1-0:5.8.2.255, ' +
    '1-0:5.8.3.255, ' +
    '1-0:5.8.4.255, ' +
    '1-0:6.8.1.255, ' +
    '1-0:6.8.2.255, ' +
    '1-0:6.8.3.255, ' +
    '1-0:6.8.4.255, ' +
    '1-0:7.8.1.255, ' +
    '1-0:7.8.2.255, ' +
    '1-0:7.8.3.255, ' +
    '1-0:7.8.4.255, ' +
    '1-0:8.8.1.255, ' +
    '1-0:8.8.2.255, ' +
    '1-0:8.8.3.255, ' +
    '1-0:8.8.4.255, ' +
    '1-0:9.8.1.255, ' +
    '1-0:9.8.2.255, ' +
    '1-0:9.8.3.255, ' +
    '1-0:9.8.4.255, ' +
    '1-0:10.8.1.255, ' +
    '1-0:10.8.2.255, ' +
    '1-0:10.8.3.255, ' +
    '1-0:10.8.4.255, ' +
    '1-0:15.8.1.255, ' +
    '1-0:15.8.2.255, ' +
    '1-0:15.8.3.255, ' +
    '1-0:15.8.4.255, ' +
    '1-0:9.4.0.255, ' +
    '1-0:10.4.0.255, ' +
    '1-0:1.5.0.255, ' +
    '1-0:2.5.0.255, ' +
    '1-0:3.5.0.255, ' +
    '1-0:4.5.0.255, ' +
    '1-0:9.5.0.255, ' +
    '1-0:10.5.0.255, ' +
    '1-0:9.6.0.255, ' +
    '1-0:9.6.1.255, ' +
    '1-0:9.6.2.255, ' +
    '1-0:9.6.3.255, ' +
    '1-0:9.6.4.255, ' +
    '1-0:10.6.0.255, ' +
    '1-0:10.6.1.255, ' +
    '1-0:10.6.2.255, ' +
    '1-0:10.6.3.255, ' +
    '1-0:10.6.4.255, ' +
    '1-0:14.7.0.255, ' +

```

```
'1-0:9.7.0.255, ' +
'1-0:10.7.0.255, ' +
'1-0:16.24.0.255, ' +
'1-0:13.7.0.255, ' +
'1-0:13.5.0.255, ' +
'1-0:13.3.0.255, ' +
'1-0:0.8.2.255, ' +
'0-0:20.0.0.255, ' +
'0-0:26.6.0.255'

InstanceExtraInfo = {
    LogicalName = '0-0:10.0.100.255'
    ClassId = 9
    MethodExtraInfo = {
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:10.0.1.255'
    ClassId = 9
    AttributeExtraInfo = {
        AttributeId = 2
        AccessRights = [GET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:13.0.0.255'
    ClassId = 20
    MethodExtraInfo = {
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    // Register activation - Energy (@129)
    LogicalName = '0-0:14.0.1.255'
    ClassId = 6
    AttributeExtraInfo = {
        // register_assignment
        AttributeId = 2
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Register activation - Maximum Demand (@135)
    LogicalName = '0-0:14.0.2.255'
    ClassId = 6
    AttributeExtraInfo = {
        // register_assignment
        AttributeId = 2
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:15.0.0.255'
    ClassId = 22
    AttributeExtraInfo = {
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:15.0.1.255'
    ClassId = 22
    AttributeExtraInfo = {
        AttributeId = 3
```

```

        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:15.0.2.255'
    ClassId = 22
    AttributeExtraInfo = {
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-1:15.0.1.255'
    ClassId = 22
    AttributeExtraInfo = {
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:17.0.0.255'
    ClassId = 71
    AttributeExtraInfo = {
        AttributeId = 11
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:10.0.107.255'
    ClassId = 9
    AttributeExtraInfo = {
        AttributeId = 2
        AccessRights = [GET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:20.0.0.255'
    ClassId = 19
    AttributeExtraInfo = {
        AttributeId = 7
        AccessRights = [SET]
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
    AttributeExtraInfo = {
        AttributeId = 8
        AccessRights = [SET]
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
    AttributeExtraInfo = {
        AttributeId = 9
        AccessRights = [SET]
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:26.3.0.255'
    ClassId = 53
    MethodExtraInfo = {
        MethodId = 1
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:40.0.0.255'
    ClassId = 15
    AttributeExtraInfo = {

```

```

        AttributeId = 6
        AccessRights = [GET,SET]
        SetData = '\<Data><OctetString Value="60857405080200" /></Data>'
    }
    MethodExtraInfo = {
        MethodId = 2
        AccessRights = [ACTION]
    }
}

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

InstanceExtraInfo = {
    LogicalName = '0-2:96.3.10.255'
    ClassId = 70
    AttributeExtraInfo = {
        AttributeId = 4
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:99.98.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:99.98.1.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:99.98.2.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:99.98.3.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:99.98.4.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
}

```

```

InstanceExtraInfo = {
    LogicalName = '1-0:99.97.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
    //AttributeExtraInfo = {
    //    AttributeId = 3
    //    AccessRights = [GET,SET]
    //}
}

InstanceExtraInfo = {
    LogicalName = '0-1:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 4
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 5
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-2:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 4
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 5
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-3:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 4
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 5
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 6
        AccessRights = [ACTION]
    }
}

```

```

    }
}

InstanceExtraInfo = {
    LogicalName = '0-4:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        MethodId = 3
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 4
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 5
        AccessRights = [ACTION]
    }
    MethodExtraInfo = {
        MethodId = 6
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-1:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-2:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-3:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-4:24.5.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        AttributeId = 2
        SelectiveAccessSelectors = [By_Range,By_Entry]
    }
}

// Set special days to 30 entries

InstanceExtraInfo = {
    LogicalName = '0-0:11.0.0.255'
    ClassId = 11
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data>'
+'      <Array Qty="1E" >'
+'      <Structure Qty="03" >'
+'      <LongUnsigned Value="0001" />'
+'      <OctetString Value="FFFF0101FF" />'
+'      <Unsigned Value="02" />'

```

```

+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0102FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
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```

```

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+'      <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="07E20508020B0000FF8000FF" /></Data>' // yyyy mm
dd
        }
      }
    }

    // Mandatory 'TestParameters' structure
    // *****
    // Defines miscellaneous values used during the test
    TestParameters = {

      // When starting a test session, iCTT optionally starts a discovery and then polls
      // the meters network until it finds the meter specified by 'MeterId'.
      // This polling will last at least the specified time (in ms).
      MeterDiscoveryTimeout = 240000

      // The 'DefaultAccessTimeout' is the time (in ms) allowed to complete an
      // access (read, write or action)
      DefaultAccessTimeout = 240000

      // The accesses have a priority between 1 (highest priority) and 10 (lowest priority)
      DefaultPriority = 5

      // Optional delay after executing the DisconnectControl (class 70)
      // connect and disconnect actions
      ConnectDisconnectDelay = 6000

      // Mandatory DC system title
      DCSystemTitle = '4C475A1169000000' //DNV GL DC System Title

      // Mandatory structure for the ImageTransfer
      ImageTransfer = {
        // Image identifier as passed to the image_transfer_initiate method
        ImageIdentifier = '49534B2D494D472D434F4D2D49534B00'
        // Filename of the image to transfer. If no filepath is given, then the file
        // is supposed to be in the same directory as the CTI file
        ImageFileName = '\ISK550E_Application_03_3.03.009.bin'
        // Time (in ms) that the iCTT loops reading the image_transfer status waiting for changes
        Timeout = 10000
      }
    }

    TestOptions = {
    }

    // Mandatory 'PLCConfig' structure
    // *****
    // The PLCConfig is set before each test session. The various members are
    // defined in the appropriate document. The values defined hereafter are
    // the default values
    PLCConfig = {
      AddrMAC = 0xC00
      TimeoutNotAddr = 360
      MaxSubFrames = 7
      TimeUpdatePeriod = 0
      BkgTaskEnabled = 1
      BkgMinDelay = 60
      DiscoverTimeSlots = 20
      ResponseProbability = 100
      MaxCredit = 2
    }
  }
}

```

```

DiscoverPeriod = 0 // was 60, disable periodic discovery
TransmissionGain = 0
ReceptionGain = 8
BaudRate = 1
InputFrequency = 0
NbComOkDecrCredit = 3
DecrCredit = 1
IncrCredit = 2
MaxRetry = 1
RepeaterCallEnabled = 0
RepeaterCallLevel = 1000
NewBcplTSlotCount = 10
AlarmMngtEnabled = 0 // was 1, Disable alarms
AlarmMngtDelay = 0
AutoDiscoveryPriority = 2
FCTxValue = 0
}

// Mandatory 'SecurityElements'
// *****
// There are 3 sets of 'SecurityElements', one for each test mode
// (Standard, Tunnel, Local)

// Each set contains one structure per client (in general), each with the following members:
// ContextName: either LONG_NAMES or LONG_NAMES_WITH_CIPHERING
// MechanismName: either LOWEST_LEVEL_SECURITY, LOW_LEVEL_SECURITY or
HIGH_LEVEL_SECURITY_GMAC
// Policy: either NO_SECURITY, AUTHENTICATION, ENCRYPTION or AUTHENTICATION_AND_ENCRYPTION
// Password: if required by the mechanism name.
// FrameCounterInstance: if needed, is the instance id of the corresponding frame counter

// 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 = {
        MechanismName = LOW_LEVEL_SECURITY
        Policy = NO_SECURITY
        Password = '\12345678'
    }

    PreEstablished = {
        Policy = NO_SECURITY
    }
}

// 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 //LONG_NAMES
        MechanismName = HIGH_LEVEL_SECURITY_GMAC //LOW_LEVEL_SECURITY
        Policy = AUTHENTICATION_AND_ENCRYPTION //NO_SECURITY
        Password = '\12345678'
        // FrameCounterInstance = '\0-1:43.1.0.255'
    }
}

```

```

    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION //NO_SECURITY
    }
}

// TunnelSecurityElements
// Mandatory, used when making tunneled accesses.
TunnelSecurityElements = {

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

    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING //LONG_NAMES
        MechanismName = HIGH_LEVEL_SECURITY_GMAC //LOW_LEVEL_SECURITY
        Policy = AUTHENTICATION_AND_ENCRYPTION //NO_SECURITY
        Password = '\12345678'
    }

    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION //NO_SECURITY
    }
}

HDLCPProfile = {

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

    DataLinkLayer = {
        InactivityTimeout = 120000
        InterFrameTimeout = 100
        ResponseTimeout = 4000
        ServerLowerMacAddress = 0x11
        DISCToNDMTimeout = 4000
        AddressingSchemes = [TWO_BYTES_ADDRESSING]
    }
}

// END CTI_Template

*****
* 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:         49534B6471AB9244
DC MeterId:               ISK6471AB9244
Run number:               80
--

05DCB3280FFDEB7B5508407976423987

```