

ISK ME381 R2 FIT_Report

IDIS Conformance test report
10-JUL-2012 12:37:48
iCTT Package 1, Edition 1.1, Revision 1 (205)
Licensed to: IDIS Assoc.
Tester: info@dis-association.com

* Identification *

```
Manufacturer = {  
  Name = '\The Manufacturer'  
  ThreeLettersId = '\ISK'  
}  
DeviceUnderTest = {  
  IDISDeviceType = 100  
  IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M]  
  SerialNr = 50760890  
}
```

* Summary *

PASSED	198
FAILED	0
DISABLED	40
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

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="0003" />
</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 synchronization 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_configuration_timeout
PASSED

```
<Data>
  <LongUnsigned Value="0028" />
</Data>
```

(21) .timeout_not_addressed
PASSED

```
<Data>
  <LongUnsigned Value="02D0" />
</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="00000054" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0002" >
```

```

                I SK ME381 R2 FIT_Report
                <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="00000000" />
            <DoubleLongUnsigned Value="0000004E" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
    </Data>
(26) . broadcast_frames_counter
PASSED
    <Data>
        <Array Qty="0004" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0C00" />
                <DoubleLongUnsigned Value="00000116" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
        </Array>
    </Data>
(27) . repetitions_counter
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(28) . transmission_counter
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000396" />
    </Data>
(29) . CRC_OK_frames_counter
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000C9D" />
    </Data>
(30) . CRC_NOK_frames_counter
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000003" />
    </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="454C53645216FFAA" />
        <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="\50760890" />
    </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="\ISK1000750760890" />
</Structure>
</Array>
</Data>

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

Mngmt Get COSEM Logical device name 0-0: 42. 0. 0. 255 (@42)

(1) .logical_name

PASSED

<Data>
<OctetString Value="00002A0000FF" />
</Data>

(2) .value

PASSED

<Data>
<OctetString Value="\ISK1000750760890" />
</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="\ISKACME381100600" />
</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="9C725B1CCB3D666C96BC525AE1BBC21E" />
</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="\ISKAMME381100601" />
</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="DC4685094E16177DF2972DC68BB3A281" />
</Data>

Mngmt Get Active firmware version 2 1-2: 0. 2. 0. 255 (@337)

(9) .logical_name

INAPPLICABLE

Optional object is not implemented

(10) .value
INAPPLICABLE
Optional object is not implemented

Mngmt Get Active firmware version signature 2 1-2: 0.2.8.255 (@341)
(11) .logical_name
INAPPLICABLE
Optional object is not implemented

(12) .value
INAPPLICABLE
Optional object is not implemented

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

Pre Set Clock 0-0: 1.0.0.255 (@75)
(1) .time
PASSED
<Data>
<OctetString Value="07DC070CFF000A00FF8000FF" />
</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="07DC070C04000A0300FF8880" />
</Data>

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

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


```
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0106FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0108FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
```

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

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

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

<_Data>

```

<Array Qty="001E" >
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0101FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0102FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0103FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0104FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0105FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0106FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0107FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0108FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0109FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF010AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0201FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
  </Structure>

```

```
<OctetString Value="FFFF0204FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
```

```

                ISK ME381 R2 FIT_Report
    <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 Disconnect Control Log 0-0: 99. 98. 2. 255 (@181)
 (1) .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="0000600B02FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
  Buffer has 30 elements:
    <_Data>
      <Array Qty="001E" >
        <Structure Qty="0002" >
          <OctetString Value="07DC010D05042F0500FFC400" />
          <Enum Value="3F" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07DC010D05042F0500FFC400" />
          <Enum Value="3B" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07DC010D0504350100FFC400" />
          <Enum Value="3E" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07DC010D0504350900FFC400" />
          <Enum Value="3F" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="07DC061D050C000000FF8880" />
          <Enum Value="40" />
        </Structure>
      </Array>
    </_Data>

```

ISK ME381 R2 FIT_Report

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC061D050C0A0000FF8880" />
  <Enum Value="45" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2A2200FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2A3900FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2A3900FFC400" />
  <Enum Value="3B" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2B1300FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2B2700FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2C0100FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2C1700FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2C1700FFC400" />
  <Enum Value="3B" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2C2C00FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2D0400FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2D1900FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2D3300FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2D3300FFC400" />
  <Enum Value="3B" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2E0D00FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2E2000FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A2E2000FFC400" />
  <Enum Value="3B" />
</Structure>
```

ISK ME381 R2 FIT_Report

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A341F00FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060A342700FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0707060C000000FF8880" />
  <Enum Value="40" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0707060C0A0000FF8880" />
  <Enum Value="45" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202352B00FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202352E00FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202353000FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202353300FFC400" />
  <Enum Value="3F" />
</Structure>
</Array>
</Data>
```

Earliest date: 13-JAN-2012 04: 47: 05, Latest date: 07-JUL-2012 12: 10: 00
Middle date: 21-JAN-2012 10: 45: 04

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="07DC0115060B023000FFC400" />
      <Enum Value="2F" />
    </Structure>
  </Array>
```

ISK ME381 R2 FIT_Report

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B030C00FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B030C00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B033700FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B033700FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B042400FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B042B00FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B043700FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B043700FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B043900FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B051400FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B051400FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B052B00FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B053A00FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B060500FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B061100FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B061100FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B061100FFC400" />
  <Enum Value="30" />
</Structure>
```


ISK ME381 R2 FIT_Report

```

</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B061600FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B061600FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B062600FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B062600FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B062600FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B082000FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B083700FFC400" />
  <Enum Value="33" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B083900FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060C280700FFC400" />
  <Enum Value="11" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060C281900FFC400" />
  <Enum Value="12" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060C283300FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060E0B1800FFC400" />
  <Enum Value="11" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060E0B2400FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060E0C0000FFC400" />
  <Enum Value="12" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060E2B0900FFC400" />
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011802020F3600FFC400" />
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202140E00FFC400" />
  <Enum Value="2F" />

```

ISK ME381 R2 FIT_Report

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202192700FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202211E00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202243800FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202261500FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202291E00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011802022E3200FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202330F00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202331000FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202331200FFC400" />
  <Enum Value="09" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202352300FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202353600FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01180202353600FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080101123B3B00FF8880" />
  <Enum Value="E7" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080101123B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08010113000200FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080101133B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08010114000100FF8880" />
  <Enum Value="E6" />
</Structure>
```

ISK ME381 R2 FIT_Report

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08010114000200FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080101153B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08010116000200FF8880" />
  <Enum Value="E6" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08010116000200FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080101173B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08020200000300FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08020200000400FF8880" />
  <Enum Value="E6" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08020200000900FF8880" />
  <Enum Value="E6" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08020200000200FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080303173B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08040400000200FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080404173B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08050500000200FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080606173B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08070700000200FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080801173B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08090200000300FF8880" />
  <Enum Value="04" />
```

ISK ME381 R2 FIT_Report

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080902173B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB080A0300000200FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090104173B3B00FF8880" />
  <Enum Value="E7" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090104173B3B00FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB09020500070900FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A0209371300FF8880" />
  <Enum Value="E7" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A0209371300FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A020A102100FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0000FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0600FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0B00FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400203100FF8880" />
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400222100FF8880" />
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04010C0100FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0000FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0700FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0D00FF8880" />
  <Enum Value="2F" />
```

ISK ME381 R2 FIT_Report

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400263500FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0000FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0600FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0C00FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A1100FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400272C00FF8880" />
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400291600FF8880" />
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04002B0700FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A020C142500FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A020C2C2E00FF8880" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0000FF8880" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0700FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A0D00FF8880" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04000A1200FF8880" />
  <Enum Value="2F" />
</Structure>
</Array>
</_Data>
```

Earliest date: 01-AUG-2011 18:59:59, Latest date: 12-JUL-2012 01:12:01
Middle date: 01-AUG-2011 19:59:59

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@276)
(3) .buffer
PASSED

entries_in_use: 22

```
<Data>
  <DoubleLongUnsigned Value="00000016" />
```

```

</Data>
capture_objects:
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B01FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
Buffer has 22 elements:
  <_Data>
    <Array Qty="0016" >
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D02080F0500FFC400" />
        <Enum Value="FF" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D0209370E00FFC400" />
        <Enum Value="2C" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D0209371700FFC400" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D0209371E00FFC400" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D0209372500FFC400" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D0209372E00FFC400" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D020A072600FFC400" />
        <Enum Value="32" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D0211341100FFC400" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D0211341100FFC400" />
        <Enum Value="2C" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0C0D0212392400FFC400" />
        <Enum Value="32" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DC01080706073000FFC400" />
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DC0108070E300F00FFC400" />
        <Enum Value="32" />
    </Array>
  </_Data>

```

ISK ME381 R2 FIT_Report

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010D0502100100FFC400" />
  <Enum Value="28" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010D05031C3400FFC400" />
  <Enum Value="32" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010D0505032B00FFC400" />
  <Enum Value="32" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011405050E3200FFC400" />
  <Enum Value="28" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011405050E3200FFC400" />
  <Enum Value="2C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01140506273A00FFC400" />
  <Enum Value="2C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011506091B2F00FFC400" />
  <Enum Value="2C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01150609280F00FFC400" />
  <Enum Value="2C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0115060B030700FFC400" />
  <Enum Value="32" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400271A00FF8880" />
  <Enum Value="28" />
</Structure>
</Array>
</_Data>
```

Earliest date: 13-DEC-2011 08:15:05, Latest date: 12-JUL-2012 00:39:26
Middle date: 08-JAN-2012 14:48:15

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1249)
(4) .buffer

PASSED

entries_in_use: 33

```
<Data>
  <DoubleLongUnsigned Value="00000021" />
</Data>
```

capture_objects:

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B04FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

```

</Array>
</Data>
Buffer has 33 elements:
<_Data>
  <Array Qty="0021" >
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D02080F0500FFC400" />
      <Enum Value="FF" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D0209383B00FFC400" />
      <Enum Value="52" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D0209383B00FFC400" />
      <Enum Value="55" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D02093B1600FFC400" />
      <Enum Value="52" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D02093B1600FFC400" />
      <Enum Value="55" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D0211341100FFC400" />
      <Enum Value="52" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D0211341100FFC400" />
      <Enum Value="55" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0E030B320300FFC400" />
      <Enum Value="52" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0E030B320300FFC400" />
      <Enum Value="55" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0108070D113200FFC400" />
      <Enum Value="52" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0108070D113200FFC400" />
      <Enum Value="55" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC010A020B230C00FFC400" />
      <Enum Value="52" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC010A020B230C00FFC400" />
      <Enum Value="55" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC011405050E3200FFC400" />
      <Enum Value="52" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC011405050E3200FFC400" />
      <Enum Value="55" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01140506273A00FFC400" />
      <Enum Value="52" />

```


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```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01140506273A00FFC400" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01140508143A00FFC400" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01140508143A00FFC400" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011506091A1700FFC400" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011506091A1700FFC400" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011506091B2F00FFC400" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011506091B2F00FFC400" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01150609262F00FFC400" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01150609262F00FFC400" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01150609280F00FFC400" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01150609280F00FFC400" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011802020F3700FFC400" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC011802020F3700FFC400" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400222200FF8880" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400222200FF8880" />
  <Enum Value="55" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400291700FF8880" />
  <Enum Value="52" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400291700FF8880" />
  <Enum Value="55" />
</Structure>
```

</Structure>
</Array>
</_Data>
Earliest date: 13-DEC-2011 08: 15: 05, Latest date: 12-JUL-2012 00: 41: 23
Middle date: 20-JAN-2012 06: 39: 58

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: 16
<Data>
<DoubleLongUnsigned Value="00000010" />
</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="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>
</Array>
</Data>
Buffer has 16 elements:
<_Data>
<Array Qty="0010" >
<Structure Qty="0003" >
<OctetString Value="07DC0115060A341400FFC400" />
<DoubleLongUnsigned Value="00000000" />
<DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
<OctetString Value="07DC02010300000000FFC400" />
<DoubleLongUnsigned Value="00000000" />
<DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
<OctetString Value="07DC08010300000000FF8880" />
<DoubleLongUnsigned Value="00000000" />
<DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
<OctetString Value="07DC01180202331300FFC400" />
<DoubleLongUnsigned Value="00000000" />
<DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
<OctetString Value="07DC01180202331300FFC400" />
<DoubleLongUnsigned Value="00000000" />
<DoubleLongUnsigned Value="00000000" />
</Structure>

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```
<Structure Qty="0003" >
  <OctetString Value="07DC01180202331300FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC01180202331300FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC01180202331300FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC01180202352A00FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC01180202352A00FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC01180202352A00FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC01180202352A00FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC01180202352B00FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC02010300000000FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DB09010400000000FF8880" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DB0A010600000000FF8880" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
</Array>
</_Data>
```

Earliest date: 01-SEP-2011 00:00:00, latest date: 01-AUG-2012 00:00:00
Middle date: 24-JAN-2012 02:53:42

Test Case 14 : MBUS Libra Ref test, 130 item(s)

Mngmt Get M-Bus client channel 1 0-1: 24.1.0.255 (@1483)
(1) .mbus_port_reference
PASSED

<Data>

```

    <OctetString Value="0000180600FF" />
  </Data>
(2) .capture_definition
PASSED
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="\L" />
        <OctetString Value="933A" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\L" />
        <OctetString Value="13" />
      </Structure>
    </Array>
  </Data>
(3) .capture_period
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(4) .primary_address
PASSED
  <Data>
    <Unsigned Value="01" />
  </Data>
(5) .identification_number
PASSED
  <Data>
    <DoubleLongUnsigned Value="0002D27B" />
  </Data>
(6) .manufacturer_id
PASSED
  <Data>
    <LongUnsigned Value="19AC" />
  </Data>
(7) .version
PASSED
  <Data>
    <Unsigned Value="02" />
  </Data>
(8) .device_type
PASSED
  <Data>
    <Unsigned Value="03" />
  </Data>
(9) .access_number
PASSED
  <Data>
    <Unsigned Value="0A" />
  </Data>
(10) .status
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(11) .alarm
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus client channel 2 0-2: 24. 1. 0. 255 (@1505)
(12) .mbus_port_reference
PASSED
  <Data>
    <OctetString Value="0000180600FF" />
  </Data>

```

(13) .capture_definition
PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0002" >
      <OctetString Value="\L" />
      <OctetString Value="933A" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\L" />
      <OctetString Value="13" />
    </Structure>
  </Array>
</Data>
```

(14) .capture_period
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000E10" />
</Data>
```

(15) .primary_address
PASSED

```
<Data>
  <Unsigned Value="02" />
</Data>
```

(16) .identification_number
PASSED

```
<Data>
  <DoubleLongUnsigned Value="0002D27C" />
</Data>
```

(17) .manufacturer_id
PASSED

```
<Data>
  <LongUnsigned Value="19AC" />
</Data>
```

(18) .version
PASSED

```
<Data>
  <Unsigned Value="02" />
</Data>
```

(19) .device_type
PASSED

```
<Data>
  <Unsigned Value="03" />
</Data>
```

(20) .access_number
PASSED

```
<Data>
  <Unsigned Value="04" />
</Data>
```

(21) .status
PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(22) .alarm
PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

Mngmt Get M-Bus client channel 3 0-3: 24. 1. 0. 255 (@1527)

(23) .mbus_port_reference
PASSED

```
<Data>
  <OctetString Value="0000180600FF" />
</Data>
```

(24) .capture_definition
PASSED

```

<Data>
  <Array Qty="0002" >
    <Structure Qty="0002" >
      <OctetString Value="\L" />
      <OctetString Value="933A" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\L" />
      <OctetString Value="13" />
    </Structure>
  </Array>
</Data>
(25) .capture_period
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(26) .primary_address
PASSED
  <Data>
    <Unsigned Value="03" />
  </Data>
(27) .identification_number
PASSED
  <Data>
    <DoubleLongUnsigned Value="0002D27D" />
  </Data>
(28) .manufacturer_id
PASSED
  <Data>
    <LongUnsigned Value="19AC" />
  </Data>
(29) .version
PASSED
  <Data>
    <Unsigned Value="02" />
  </Data>
(30) .device_type
PASSED
  <Data>
    <Unsigned Value="03" />
  </Data>
(31) .access_number
PASSED
  <Data>
    <Unsigned Value="08" />
  </Data>
(32) .status
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(33) .alarm
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus client channel 4 0-4: 24. 1. 0. 255 (@1549)
(34) .mbus_port_reference
PASSED
  <Data>
    <OctetString Value="0000180600FF" />
  </Data>
(35) .capture_definition
PASSED
  <Data>
    <Array Qty="0002" >

```

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```

    <Structure Qty="0002" >
      <OctetString Value="\L" />
      <OctetString Value="933A" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\L" />
      <OctetString Value="13" />
    </Structure>
  </Array>
</Data>
(36) .capture_period
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(37) .primary_address
PASSED
  <Data>
    <Unsigned Value="04" />
  </Data>
(38) .identification_number
PASSED
  <Data>
    <DoubleLongUnsigned Value="0002D27E" />
  </Data>
(39) .manufacturer_id
PASSED
  <Data>
    <LongUnsigned Value="19AC" />
  </Data>
(40) .version
PASSED
  <Data>
    <Unsigned Value="02" />
  </Data>
(41) .device_type
PASSED
  <Data>
    <Unsigned Value="03" />
  </Data>
(42) .access_number
PASSED
  <Data>
    <Unsigned Value="0A" />
  </Data>
(43) .status
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(44) .alarm
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus Value channel 1, instance 1 0-1: 24. 2. 1. 255 (@1571)
(45) .value
PASSED
  <Data>
    <DoubleLongUnsigned Value="05F5DD18" />
  </Data>
(46) .scal er_unit
PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="FD" />
      <Enum Value="0D" />
    </Structure>
  </Data>

```

```

        </Structure>
    </Data>
(47) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus Value channel 1, instance 2 0-1: 24. 2. 2. 255 (@1579)
(49) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="000004BA" />
    </Data>
(50) .scale_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="OE" />
        </Structure>
    </Data>
(51) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus Value channel 2, instance 1 0-2: 24. 2. 1. 255 (@1603)
(61) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="05F5DD18" />
    </Data>
(62) .scale_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="OD" />
        </Structure>
    </Data>
(63) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>

Mngmt Get M-Bus Value channel 2, instance 2 0-2: 24. 2. 2. 255 (@1611)
(65) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="000004AD" />
    </Data>
(66) .scale_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="OE" />
        </Structure>
    </Data>
(67) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>

```


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Mngmt Get M-Bus Value channel 3, instance 1 0-3: 24. 2. 1. 255 (@1635)
 (77) . value
 PASSED

<Data>
 <DoubleLongUnsigned Value="05F5DD1C" />
 </Data>

(78) . scaler_unit
 PASSED

<Data>
 <Structure Qty="0002" >
 <Integer Value="FD" />
 <Enum Value="0D" />
 </Structure>
 </Data>

(79) . status
 PASSED

<Data>
 <Unsigned Value="00" />
 </Data>

Mngmt Get M-Bus Value channel 3, instance 2 0-3: 24. 2. 2. 255 (@1643)
 (81) . value
 PASSED

<Data>
 <DoubleLongUnsigned Value="000004AA" />
 </Data>

(82) . scaler_unit
 PASSED

<Data>
 <Structure Qty="0002" >
 <Integer Value="FD" />
 <Enum Value="0E" />
 </Structure>
 </Data>

(83) . status
 PASSED

<Data>
 <Unsigned Value="00" />
 </Data>

Mngmt Get M-Bus Value channel 4, instance 1 0-4: 24. 2. 1. 255 (@1667)
 (93) . value
 PASSED

<Data>
 <DoubleLongUnsigned Value="05F5DD24" />
 </Data>

(94) . scaler_unit
 PASSED

<Data>
 <Structure Qty="0002" >
 <Integer Value="FD" />
 <Enum Value="0D" />
 </Structure>
 </Data>

(95) . status
 PASSED

<Data>
 <Unsigned Value="00" />
 </Data>

Mngmt Get M-Bus Value channel 4, instance 2 0-4: 24. 2. 2. 255 (@1675)
 (97) . value
 PASSED

<Data>
 <DoubleLongUnsigned Value="000004B3" />
 </Data>

(98) . scaler_unit
 PASSED

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```

<Data>
  <Structure Qty="0002" >
    <Integer Value="FD" />
    <Enum Value="0E" />
  </Structure>
</Data>
(99) .status
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus Device ID 1 channel 1 0-1: 96. 1. 0. 255 (@1699)
(109) .value
PASSED
  <Data>
    <OctetString Value="\00000540018495512" />
  </Data>

Mngmt Get M-Bus Device ID 1 channel 2 0-2: 96. 1. 0. 255 (@1703)
(110) .value
PASSED
  <Data>
    <OctetString Value="\00000540018495612" />
  </Data>

Mngmt Get M-Bus Device ID 1 channel 3 0-3: 96. 1. 0. 255 (@1707)
(111) .value
PASSED
  <Data>
    <OctetString Value="\00000540018495712" />
  </Data>

Mngmt Get M-Bus Device ID 1 channel 4 0-4: 96. 1. 0. 255 (@1711)
(112) .value
PASSED
  <Data>
    <OctetString Value="\00000540018495812" />
  </Data>

Mngmt Get M-Bus Master Load profile for channel 1 0-1: 24. 3. 0. 255 (@1747)
(113) .buffer
PASSED
  entries_in_use: 20
  <Data>
    <DoubleLongUnsigned Value="00000014" />
  </Data>
  capture_objects:
  <Data>
    <Array Qty="0004" >
      <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>

```

```

                ISK ME381 R2 FIT_Report
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0001180202FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
Buffer has 20 elements:
<_Data>
  <Array Qty="0014" >
    <Structure Qty="0004" >
      <OctetString Value="07DB08020200000000FF8880" />
      <Unsigned Value="01" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08040400000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08050500000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08070700000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08090200000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
  </Array>

```

```

        ISK ME381 R2 FIT_Report
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB080A0300000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB09020500000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070A020A000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070C0401000000FF8880" />
        <Unsigned Value="E1" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070C0401000000FF8880" />
        <Unsigned Value="E1" />
        <DoubleLongUnsigned Value="05F5DD18" />
        <DoubleLongUnsigned Value="000004BA" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070A020D000000FF8880" />
        <Unsigned Value="20" />
        <DoubleLongUnsigned Value="05F5DD18" />
        <DoubleLongUnsigned Value="000004BA" />
    </Structure>
</Array>
</_Data>
Earliest date: 02-AUG-2011 00:00:00, Latest date: 12-JUL-2012 01:00:00
Middle date: 10-AUG-2011 00:00:00
(114) .capture_objects

```

PASSED

```

<Data>
  <Array Qty="0004" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0001600A03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0001180201FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0001180202FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>

```

(115) .capture_period
PASSED

```

<Data>
  <DoubleLongUnsigned Value="00000E10" />
</Data>

```

(116) .entries_in_use
PASSED

```

<Data>
  <DoubleLongUnsigned Value="00000014" />
</Data>

```

Mngmt Get M-Bus Master Load profile for channel 2 0-2: 24. 3. 0. 255 (@1758)
(117) .buffer

PASSED

entries_in_use: 20

```

<Data>
  <DoubleLongUnsigned Value="00000014" />
</Data>

```

capture_objects:

```

<Data>
  <Array Qty="0004" >
    <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>

```

ISK ME381 R2 FIT_Report

```
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180202FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>
Buffer has 20 elements:
<_Data>
  <Array Qty="0014" >
    <Structure Qty="0004" >
      <OctetString Value="07DB08020200000000FF8880" />
      <Unsigned Value="01" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08040400000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08050500000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08070700000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08090200000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
    </Structure>
  </Array>
</_Data>
```

```

        ISK ME381 R2 FIT_Report
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB080A0300000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB09020500000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070A020A000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070C0401000000FF8880" />
        <Unsigned Value="E1" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070C0401000000FF8880" />
        <Unsigned Value="E1" />
        <DoubleLongUnsigned Value="05F5DD18" />
        <DoubleLongUnsigned Value="000004AD" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070A020D000000FF8880" />
        <Unsigned Value="20" />
        <DoubleLongUnsigned Value="05F5DD18" />
        <DoubleLongUnsigned Value="000004AD" />
    </Structure>
</Array>
</_Data>
Earliest date: 02-AUG-2011 00:00:00, Latest date: 12-JUL-2012 01:00:00
Middle date: 10-AUG-2011 00:00:00
(118) .capture_objects

```

PASSED

```

<Data>
  <Array Qty="0004" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0002600A03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180201FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0002180202FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>

```

(119) .capture_period
PASSED

```

<Data>
  <DoubleLongUnsigned Value="00000E10" />
</Data>

```

(120) .entries_in_use
PASSED

```

<Data>
  <DoubleLongUnsigned Value="00000014" />
</Data>

```

Mngmt Get M-Bus Master Load profile for channel 3 0-3: 24. 3. 0. 255 (@1769)
(121) .buffer

PASSED

entries_in_use: 20

```

<Data>
  <DoubleLongUnsigned Value="00000014" />
</Data>

```

capture_objects:

```

<Data>
  <Array Qty="0004" >
    <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>

```


ISK ME381 R2 FIT_Report

```
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0003180202FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>
Buffer has 20 elements:
<_Data>
  <Array Qty="0014" >
    <Structure Qty="0004" >
      <OctetString Value="07DB08020200000000FF8880" />
      <Unsigned Value="01" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08040400000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08050500000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08070700000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08090200000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
    </Structure>
  </Array>
</_Data>
```

```

        ISK ME381 R2 FIT_Report
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB080A0300000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB09020500000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070A020A000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070C0401000000FF8880" />
        <Unsigned Value="E1" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070C0401000000FF8880" />
        <Unsigned Value="E1" />
        <DoubleLongUnsigned Value="05F5DD1C" />
        <DoubleLongUnsigned Value="000004AA" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070A020D000000FF8880" />
        <Unsigned Value="20" />
        <DoubleLongUnsigned Value="05F5DD1C" />
        <DoubleLongUnsigned Value="000004AA" />
    </Structure>
</Array>
</_Data>
Earliest date: 02-AUG-2011 00:00:00, Latest date: 12-JUL-2012 01:00:00
Middle date: 10-AUG-2011 00:00:00
(122) .capture_objects

```

PASSED

```

<Data>
  <Array Qty="0004" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0003600A03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0003180201FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0003180202FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>

```

(123) .capture_period
PASSED

```

<Data>
  <DoubleLongUnsigned Value="00000E10" />
</Data>

```

(124) .entries_in_use
PASSED

```

<Data>
  <DoubleLongUnsigned Value="00000014" />
</Data>

```

Mngmt Get M-Bus Master Load profile for channel 4 0-4: 24. 3. 0. 255 (@1780)
(125) .buffer

PASSED

entries_in_use: 20

```

<Data>
  <DoubleLongUnsigned Value="00000014" />
</Data>

```

capture_objects:

```

<Data>
  <Array Qty="0004" >
    <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>

```

```

        ISK ME381 R2 FIT_Report
    <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0004180202FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
Buffer has 20 elements:
<_Data>
  <Array Qty="0014" >
    <Structure Qty="0004" >
      <OctetString Value="07DB08020200000000FF8880" />
      <Unsigned Value="01" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08040400000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08050500000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08070700000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08090200000000FF8880" />
      <Unsigned Value="21" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="21" />
  </Array>

```

```

        ISK ME381 R2 FIT_Report
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB080A0300000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB09020500000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070A020A000000FF8880" />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070C0401000000FF8880" />
        <Unsigned Value="E1" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <NullData />
        <Unsigned Value="21" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070C0401000000FF8880" />
        <Unsigned Value="E1" />
        <DoubleLongUnsigned Value="05F5DD24" />
        <DoubleLongUnsigned Value="000004B3" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DC070A020D000000FF8880" />
        <Unsigned Value="20" />
        <DoubleLongUnsigned Value="05F5DD24" />
        <DoubleLongUnsigned Value="000004B3" />
    </Structure>
</Array>
</_Data>
Earliest date: 02-AUG-2011 00:00:00, Latest date: 12-JUL-2012 01:00:00
Middle date: 10-AUG-2011 00:00:00
(126) .capture_objects

```

PASSED

```

<Data>
  <Array Qty="0004" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0004600A03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180201FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180202FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>

```

(127) .capture_period

PASSED

```

<Data>
  <DoubleLongUnsigned Value="00000E10" />
</Data>

```

(128) .entries_in_use

PASSED

```

<Data>
  <DoubleLongUnsigned Value="00000014" />
</Data>

```

Mngmt Get M-Bus Event Log 0-0: 99. 98. 3. 255 (@1898)

(129) .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" >

```

```
ISK ME381 R2 FIT_Report
  <OctetString Value="07DB08020200000400FF8880" />
  <Enum Value="78" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB08020200000900FF8880" />
  <Enum Value="82" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293000FF8880" />
  <Enum Value="68" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293000FF8880" />
  <Enum Value="65" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293200FF8880" />
  <Enum Value="72" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293200FF8880" />
  <Enum Value="6F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293500FF8880" />
  <Enum Value="7C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293500FF8880" />
  <Enum Value="79" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293700FF8880" />
  <Enum Value="86" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293700FF8880" />
  <Enum Value="83" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293A00FF8880" />
  <Enum Value="68" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C0400293B00FF8880" />
  <Enum Value="72" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04002A0100FF8880" />
  <Enum Value="7C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070C04002A0200FF8880" />
  <Enum Value="86" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A020C142500FF8880" />
  <Enum Value="68" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A020C142700FF8880" />
  <Enum Value="72" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A020C142800FF8880" />
  <Enum Value="7C" />
</Structure>
<Structure Qty="0002" >
```

```

        ISK ME381 R2 FIT_Report
        <OctetString Value="07DC070A020C142900FF8880" />
        <Enum Value="86" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070A020C142B00FF8880" />
        <Enum Value="68" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070A020C142C00FF8880" />
        <Enum Value="72" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070A020C142D00FF8880" />
        <Enum Value="7C" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070A020C142F00FF8880" />
        <Enum Value="86" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070C04000A0100FF8880" />
        <Enum Value="68" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070C04000A0200FF8880" />
        <Enum Value="72" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070C04000A0300FF8880" />
        <Enum Value="7C" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070C04000A0500FF8880" />
        <Enum Value="86" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070C04000A0600FF8880" />
        <Enum Value="68" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070C04000A0700FF8880" />
        <Enum Value="72" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070C04000A0800FF8880" />
        <Enum Value="7C" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DC070C04000A0A00FF8880" />
        <Enum Value="86" />
    </Structure>
</Array>
</_Data>
Earliest date: 02-AUG-2011 00:00:04, Latest date: 12-JUL-2012 00:42:02
Middle date: 10-JUL-2012 12:20:39
(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="0003" />
    </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) .synchronizati on_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 synchronizati on 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) .synchronizati on_confir mati on_ timeout
PASSED

```
<Data>
  <LongUnsigned Value="0028" />
</Data>
```

(21) .timeout_not_addressed
PASSED

```
<Data>
  <LongUnsigned Value="02D0" />
</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) .synchronizati on_register
PASSED

```
<Data>
  <Array Qty="0004" >
```

ISK ME381 R2 FIT_Report

```

    <Structure Qty="0002" >
      <LongUnsi gned Val ue="0C00" />
      <Doubl eLongUnsi gned Val ue="00000054" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsi gned Val ue="0000" />
      <Doubl eLongUnsi gned Val ue="00000000" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsi gned Val ue="0000" />
      <Doubl eLongUnsi gned Val ue="00000000" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsi gned Val ue="0000" />
      <Doubl eLongUnsi gned Val ue="00000000" />
    </Structure>
  </Array>
</Data>
(25) . desynchroni zati on_l i sti ng
PASSED
  <Data>
    <Structure Qty="0005" >
      <Doubl eLongUnsi gned Val ue="00000000" />
      <Doubl eLongUnsi gned Val ue="00000000" />
      <Doubl eLongUnsi gned Val ue="0000004E" />
      <Doubl eLongUnsi gned Val ue="00000000" />
      <Doubl eLongUnsi gned Val ue="00000000" />
    </Structure>
  </Data>
(26) . broadcast_frames_counter
PASSED
  <Data>
    <Array Qty="0004" >
      <Structure Qty="0002" >
        <LongUnsi gned Val ue="0C00" />
        <Doubl eLongUnsi gned Val ue="00000116" />
      </Structure>
      <Structure Qty="0002" >
        <LongUnsi gned Val ue="0000" />
        <Doubl eLongUnsi gned Val ue="00000000" />
      </Structure>
      <Structure Qty="0002" >
        <LongUnsi gned Val ue="0000" />
        <Doubl eLongUnsi gned Val ue="00000000" />
      </Structure>
      <Structure Qty="0002" >
        <LongUnsi gned Val ue="0000" />
        <Doubl eLongUnsi gned Val ue="00000000" />
      </Structure>
    </Array>
  </Data>
(27) . repeti ti ons_counter
PASSED
  <Data>
    <Doubl eLongUnsi gned Val ue="00000000" />
  </Data>
(28) . transmi ssi ons_counter
PASSED
  <Data>
    <Doubl eLongUnsi gned Val ue="000004DA" />
  </Data>
(29) . CRC_OK_frames_counter
PASSED
  <Data>
    <Doubl eLongUnsi gned Val ue="00000FF4" />
  </Data>
(30) . CRC_NOK_frames_counter
PASSED

```

ISK ME381 R2 FIT_Report

```
<Data>
  <DoubleLongUnsigned Value="00000003" />
</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="454C53645216FFAA" />
    <OctetString Value="\ " />
    <OctetString Value="\ " />
    <OctetString Value="\ " />
    <OctetString Value="\ " />
  </Array>
</Data>
```

```
*****
* CTI *
*****
```

```
// CTI: ISK ME381 IDIS FIT#3
// Last update: 2012-07-10, NM
```

```
// Mandatory ''Manufacturer'' structure
// *****
```

```
Manufacturer = {
  // Keep the leading '\ ' to denote a visible-string.
  Name = '\The Manufacturer'
  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
```

```

                                ISK ME381 R2 FIT_Report
// 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 = 50760890

// 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.
// Optional Objects = ''
Optional Objects = '\ ' +
'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 = {
  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
  }
}
```

```

        ISK ME381 R2 FIT_Report
    }
    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]
    }
}
}

```

```

InstanceExtralnfo = {
  Logical Name = '0-0: 40. 0. 0. 255'
  ClassId = 15
  AttributeExtralnfo = {
    AttributeId = 6
    AccessRights = [GET, SET]
    SetData = '\<Data><OctetString Value="60857405080200" /></Data>'
  }
  MethodExtralnfo = {
    MethodId = 2
    AccessRights = [ACTION]
  }
}

InstanceExtralnfo = {
  Logical Name = '0-1: 96. 3. 10. 255'
  ClassId = 70
  AttributeExtralnfo = {
    AttributeId = 4
    AccessRights = [GET, SET]
  }
}

InstanceExtralnfo = {
  Logical Name = '0-2: 96. 3. 10. 255'
  ClassId = 70
  AttributeExtralnfo = {
    AttributeId = 4
    AccessRights = [GET, SET]
  }
}

InstanceExtralnfo = {
  Logical Name = '0-0: 99. 98. 0. 255'
  ClassId = 7
  AttributeExtralnfo = {
    AttributeId = 2
    SelectiveAccessSelectors = [By_Range, By_Entry]
  }
}

InstanceExtralnfo = {
  Logical Name = '0-0: 99. 98. 1. 255'
  ClassId = 7
  AttributeExtralnfo = {
    AttributeId = 2
    SelectiveAccessSelectors = [By_Range, By_Entry]
  }
}

InstanceExtralnfo = {
  Logical Name = '0-0: 99. 98. 2. 255'
  ClassId = 7
  AttributeExtralnfo = {
    AttributeId = 2
    SelectiveAccessSelectors = [By_Range, By_Entry]
  }
}

InstanceExtralnfo = {
  Logical Name = '0-0: 99. 98. 3. 255'
  ClassId = 7
  AttributeExtralnfo = {
    AttributeId = 2
    SelectiveAccessSelectors = [By_Range, By_Entry]
  }
}

```



```

InstanceExtraInfo = {
  Logical Name = '0-0: 99. 98. 4. 255'
  ClassId = 7
  AttributeExtraInfo = {
    AttributeId = 2
    SelectiveAccessSelectors = [By_Range, By_Entry]
  }
}

InstanceExtraInfo = {
  Logical Name = '1-0: 99. 97. 0. 255'
  ClassId = 7
  AttributeExtraInfo = {
    AttributeId = 2
    SelectiveAccessSelectors = [By_Range, By_Entry]
  }
  AttributeExtraInfo = {
    AttributeId = 3
    AccessRights = [GET, SET]
  }
}

InstanceExtraInfo = {
  Logical Name = '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 = {
  Logical Name = '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 = {
  Logical Name = '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
        AttributeExtrInfo = {
            AttributeId = 2
            SelectiveAccessSelectors = [By_Range, By_Entry]
        }
    }

InstanceExtrInfo = {
    // Set clock to 12/07/2012 00:10:00
    LogicalName = '0-0:1.0.0.255'
    ClassId = 8
    AttributeExtrInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="07DC070CFF000A00FF8000FF"'
    }
}
}

```

```

InstanceExtrInfo = {
    // Set special days to 30 entries
    LogicalName = '0-0:11.0.0.255'
    ClassId = 11
    AttributeExtrInfo = {
        AttributeId = 2
        SetData = '\<Data>'
+       <Array Qty="1E" >'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0001" />'
+           <OctetString Value="FFFF0101FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0001" />'
+           <OctetString Value="FFFF0102FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0001" />'
+           <OctetString Value="FFFF0103FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0001" />'
+           <OctetString Value="FFFF0104FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0001" />'
+           <OctetString Value="FFFF0105FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0001" />'
+           <OctetString Value="FFFF0106FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0001" />'
+           <OctetString Value="FFFF0107FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0001" />'
+           <OctetString Value="FFFF0108FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0001" />'

```



```

ISK ME381 R2 FIT_Report
+ '
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0303FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0304FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0305FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0306FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0307FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0308FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0309FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF030AFF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '    </Array>'
+ '  </Data>'
+ '
+ ' }
+ '
+ ' }
+ '
+ ' }

```

```

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

  // 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)

```

```

                                ISK ME381 R2 FIT_Report
// connect and disconnect actions
ConnectDisconnectDelay = 6000

// Mandatory DC system title
DCSystemTitle = '4C475A1169000000' //FIT DC

// Mandatory structure for the ImageTransfer
ImageTransfer = {
    // Image identifier as passed to the image_transfer_initiate method
    ImageIdentifier = ''
    // 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 = '\\ME381V10_ARM_035000376_M1.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

```

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// 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
}
}

```

// Local SecurityElements
 // Mandatory, used when making 'local' accesses.
 Local SecurityElements = {

```
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
}
}

```

// Tunnel SecurityElements
 // Mandatory, used when making tunneled accesses.
 Tunnel SecurityElements = {

```
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'
}

```

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```
}  
PreEstablished = {  
  Policy = AUTHENTICATION_AND_ENCRYPTION //NO_SECURITY  
}  
}
```

```
HDLCProfile = {  
  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: 2E7528F668226F15938A849EB132DD6A  
Object Model: IDIS - object model - V1.24 (20111025)-MBUS Ref 1.xl sx  
DUT system title: 49534B6473068CBA  
DC MeterId: ISK6473068CBA  
Run number: 42  
--
```

E459AEA02DFDB4CB069776E4C8F0DD1D

IDIS 0007: Iskraemeco ME381 FIT_Report

IDIS Conformance test report

14-DEC-2011 14:06:11

iCTT Package 1, Edition 1.1, Revision 1 (203)

Licensed to: L+G

Tester: igor.dremelj@landisgyr.com

* Identification *

```
Manufacturer = {
  Name = '\The Manufacturer'
  ThreeLettersId = '\ISK'
}
DeviceUnderTest = {
  IDISDeviceType = 100
  IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M]
  SerialNr = 50760890
}
```

* Summary *

PASSED	108
FAILED	0
DISABLED	0
INAPPLICABLE	4
INCONCLUSIVE	0
FATAL	0
TOTAL	112

Test Case 1 : Discovery, 1 item(s)

(1) Meter Discovery

PASSED

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

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

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

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

- (1) .logical_name PASSED
 - <Data>
 - <OctetString Value="00001A0000FF" />
 - </Data>
- (2) .initiator_electrical_phase PASSED
 - <Data>
 - <Enum Value="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="0015" />
    </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="02D0" />
    </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="00000052" />
 </Structure>
 <Structure Qty="0002" >
 <LongUnsigned Value="0000" />
 <DoubleLongUnsigned Value="00000000" />
 </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="00000000" />
 <DoubleLongUnsigned Value="0000004F" />
 <DoubleLongUnsigned Value="00000000" />
 <DoubleLongUnsigned Value="00000000" />
 </Structure>
 </Data>
- (26) .broadcast_frames_counter PASSED
 <Data>
 <Array Qty="0004" >
 <Structure Qty="0002" >
 <LongUnsigned Value="0C00" />

```

        <DoubleLongUnsigned Value="00000018" />
    </Structure>
    <Structure Qty="0002" >
        <LongUnsigned Value="0000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0002" >
        <LongUnsigned Value="0000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0002" >
        <LongUnsigned Value="0000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
</Array>
</Data>
(27) .repetitions_counter PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(28) .transmissions_counter PASSED
    <Data>
        <DoubleLongUnsigned Value="0000010A" />
    </Data>
(29) .CRC_OK_frames_counter PASSED
    <Data>
        <DoubleLongUnsigned Value="000004F5" />
    </Data>
(30) .CRC_NOK_frames_counter PASSED
    <Data>
        <DoubleLongUnsigned Value="00000001" />
    </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="\ " />
        <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="\50760890" />
```

```
</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="\ISK1000750760890" />
            </Structure>
        </Array>
    </Data>
```

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

```
Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="00002A0000FF" />
    </Data>
```

(2) .value PASSED
 <Data>
 <OctetString Value="\ISK1000750760890" />
 </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="\ISKACME381100600" />
 </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="9C725B1CCB3D666C96BC525AE1BBC21E" />
 </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="\ISKAMME381100600" />
 </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="9B8009E4B7B02CDF47F8581F701436E9" />
</Data>

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

(9) .logical_name
INAPPLICABLE
Optional object is not implemented

(10) .value
INAPPLICABLE
Optional object is not implemented

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

(11) .logical_name
INAPPLICABLE
Optional object is not implemented

(12) .value
INAPPLICABLE
Optional object is not implemented

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

Pre Set Clock 0-0:1.0.0.255 (@75)

(1) .time PASSED
<Data>
<OctetString Value="07DC0101FF071D34FF8000FF" />
</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="07DC010107071D3B00FFC400" />
</Data>

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

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

(1) .entries

PASSED

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

```
<OctetString Value="FFFF0106FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0108FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
```

```
<OctetString Value="FFFF0204FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
```

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

```

    <OctetString Value="FFFF030AFF" />
    <Unsigned Value="02" />
  </Structure>
</Array>
</Data>

```

```

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

```

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

(1) .entries

PASSED

```

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

```



```
<LongUnsigned Value="0001" />
<OctetString Value="FFFF0106FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0108FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
```

```
<LongUnsigned Value="0001" />
<OctetString Value="FFFF0204FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
```

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

```
                IDIS Reg No 0007 FIT_Report.txt
                <LongUnsigned Value="0001" />
                <OctetString Value="FFFF030AFF" />
                <Unsigned Value="02" />
            </Structure>
        </Array>
    </_Data>
```

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

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

(1) .buffer

PASSED

```
    entries_in_use: 25
    <Data>
        <DoubleLongUnsigned Value="00000019" />
    </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="0000600B02FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
    Buffer has 25 elements:
    <_Data>
        <Array Qty="0019" >
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D02080F0500FFC400" />
                <Enum Value="FF" />
```

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02080F1D00FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02080F1F00FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02080F2200FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02080F2400FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212241F00FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212243300FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212243300FFC400" />
  <Enum Value="3B" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212250D00FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212252100FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212253800FFC400" />
  <Enum Value="3E" />
```

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212261100FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212261100FFC400" />
  <Enum Value="3B" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212262900FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212270000FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212271800FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212272B00FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212272B00FFC400" />
  <Enum Value="3B" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212280700FFC400" />
  <Enum Value="3E" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212281B00FFC400" />
  <Enum Value="3F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212281B00FFC400" />
  <Enum Value="3B" />
```

```
</Structure>  
<Structure Qty="0002" >  
  <OctetString Value="07DB0C0D02122E0000FFC400" />  
  <Enum Value="3E" />  
</Structure>  
<Structure Qty="0002" >  
  <OctetString Value="07DB0C0D02122E0900FFC400" />  
  <Enum Value="3F" />  
</Structure>  
<Structure Qty="0002" >  
  <OctetString Value="07DB0C0D020C050000FFC400" />  
  <Enum Value="40" />  
</Structure>  
<Structure Qty="0002" >  
  <OctetString Value="07DB0C0D020C0A0000FFC400" />  
  <Enum Value="45" />  
</Structure>  
</Array>  
</_Data>
```

Earliest date: 13-DEC-2011 08:15:05, latest date: 13-DEC-2011 18:46:09
Middle date: 13-DEC-2011 18:38:17

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" />  
    </Structure>  
  </Array>  
</Data>
```

```
<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>
Buffer has 100 elements:
<_Data>
  <Array Qty="0064" >
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D0212283600FFC400" />
      <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D0212290900FFC400" />
      <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D0212291500FFC400" />
      <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D0212292400FFC400" />
      <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D02122A1500FFC400" />
      <Enum Value="13" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D02122A1500FFC400" />
      <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D02122A2900FFC400" />
      <Enum Value="13" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0C0D02122A2900FFC400" />
      <Enum Value="2F" />
    </Structure>
  </Array>
</_Data>
```



```
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122A3600FFC400" />
  <Enum Value="09" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122B0200FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0200000000FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0200001800FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0204000000FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0204001800FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0208000000FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0208001800FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C000000FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C001A00FFC400" />
  <Enum Value="13" />
</Structure>
```

```
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C001A00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C003800FFC400" />
  <Enum Value="09" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C010200FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C011800FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122D2700FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122D2800FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122D2800FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122D2F00FFC400" />
  <Enum Value="E7" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122D3700FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122E1200FFC400" />
  <Enum Value="2F" />
</Structure>
```

```
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122E1800FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C000000FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C000200FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C000400FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C043700FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C051000FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C051500FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C093700FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D020C0A1000FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122F0E00FFC400" />
  <Enum Value="05" />
</Structure>
```

```
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02122F1500FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212361100FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212361700FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212361700FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212363900FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212370A00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212371200FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212371200FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212373500FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212380400FFC400" />
  <Enum Value="2F" />
</Structure>
```

```
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212380B00FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212380B00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212391600FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212392800FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0212392800FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02123A1600FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02123A1600FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02123B0500FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02123B0B00FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02123B1900FFC400" />
  <Enum Value="13" />
</Structure>
```

```
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02123B1900FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02123B1B00FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02123B3100FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D02123B3100FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213000700FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213001700FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213001D00FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213002A00FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213002A00FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213002A00FFC400" />
  <Enum Value="30" />
</Structure>
```

```
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213002F00FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213002F00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213010100FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213010100FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213010100FFC400" />
  <Enum Value="30" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213023200FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213031200FFC400" />
  <Enum Value="33" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0213031400FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0214210000FFC400" />
  <Enum Value="11" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0214211200FFC400" />
  <Enum Value="12" />
</Structure>
```

```
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0214212F00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0216032F00FFC400" />
  <Enum Value="11" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0216040000FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0216050000FFC400" />
  <Enum Value="12" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0216110400FFC400" />
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0216111E00FFC400" />
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0216123A00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0216123A00FFC400" />
  <Enum Value="13" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0216130200FFC400" />
  <Enum Value="09" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0D0216131100FFC400" />
  <Enum Value="01" />
</Structure>
```



```
<Structure Qty="0002" >
  <OctetString Value="07DB0C0E030B320200FFC400" />
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB0C0E030C010F00FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071D3400FFC400" />
  <Enum Value="E7" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071D3400FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071E0F00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071E1A00FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071E2300FFC400" />
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010708350900FFC400" />
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071D3400FFC400" />
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071E0600FFC400" />
  <Enum Value="2F" />
</Structure>
```

```
<Structure Qty="0002" >  
  <OctetString Value="07DC010107071E0F00FFC400" />  
  <Enum Value="2F" />  
</Structure>  
<Structure Qty="0002" >  
  <OctetString Value="07DC010107071E1A00FFC400" />  
  <Enum Value="2F" />  
</Structure>  
</Array>  
</_Data>
```

Earliest date: 13-DEC-2011 00:00:00, latest date: 01-JAN-2012 08:53:09
Middle date: 13-DEC-2011 18:57:22

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

(3) .buffer

PASSED

```
entries_in_use: 10  
  <Data>  
    <DoubleLongUnsigned Value="0000000A" />  
  </Data>  
capture_objects:  
  <Data>  
    <Array Qty="0002" >  
      <Structure Qty="0004" >  
        <LongUnsigned Value="0008" />  
        <OctetString Value="0000010000FF" />  
        <Integer Value="02" />  
        <LongUnsigned Value="0000" />  
      </Structure>  
      <Structure Qty="0004" >  
        <LongUnsigned Value="0001" />  
        <OctetString Value="0000600B01FF" />  
        <Integer Value="02" />  
        <LongUnsigned Value="0000" />  
      </Structure>  
    </Array>  
  </Data>  
Buffer has 10 elements:  
  <Data>  
    <Array Qty="000A" >  
      <Structure Qty="0002" >
```

```
                IDIS Reg No 0007 FIT_Report.txt
                <OctetString Value="07DB0C0D02080F0500FFC400" />
                <Enum Value="FF" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D0209370E00FFC400" />
                <Enum Value="2C" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D0209371700FFC400" />
                <Enum Value="28" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D0209371E00FFC400" />
                <Enum Value="28" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D0209372500FFC400" />
                <Enum Value="28" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D0209372E00FFC400" />
                <Enum Value="28" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D020A072600FFC400" />
                <Enum Value="32" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D0211341100FFC400" />
                <Enum Value="28" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D0211341100FFC400" />
                <Enum Value="2C" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="07DB0C0D0212392400FFC400" />
                <Enum Value="32" />
            </Structure>
        </Array>
```

</Data>
Earliest date: 13-DEC-2011 08:15:05, latest date: 13-DEC-2011 18:57:36
Middle date: 13-DEC-2011 09:55:46

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1249)

(4) .buffer

PASSED

entries_in_use: 9
<Data>
 <DoubleLongUnsigned Value="00000009" />
</Data>
capture_objects:
<Data>
 <Array Qty="0002" >
 <Structure Qty="0004" >
 <LongUnsigned Value="0008" />
 <OctetString Value="0000010000FF" />
 <Integer Value="02" />
 <LongUnsigned Value="0000" />
 </Structure>
 <Structure Qty="0004" >
 <LongUnsigned Value="0001" />
 <OctetString Value="0000600B04FF" />
 <Integer Value="02" />
 <LongUnsigned Value="0000" />
 </Structure>
 </Array>
</Data>

Buffer has 9 elements:

<Data>
 <Array Qty="0009" >
 <Structure Qty="0002" >
 <OctetString Value="07DB0C0D02080F0500FFC400" />
 <Enum Value="FF" />
 </Structure>
 <Structure Qty="0002" >
 <OctetString Value="07DB0C0D0209383B00FFC400" />
 <Enum Value="52" />
 </Structure>
 <Structure Qty="0002" >
 <OctetString Value="07DB0C0D0209383B00FFC400" />
 </Structure>

IDIS Reg No 0007 FIT_Report.txt

```

    <Enum Value="55" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0C0D02093B1600FFC400" />
    <Enum Value="52" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0C0D02093B1600FFC400" />
    <Enum Value="55" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0C0D0211341100FFC400" />
    <Enum Value="52" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0C0D0211341100FFC400" />
    <Enum Value="55" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0C0E030B320300FFC400" />
    <Enum Value="52" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0C0E030B320300FFC400" />
    <Enum Value="55" />
  </Structure>
</Array>
</Data>

```

Earliest date: 13-DEC-2011 08:15:05, latest date: 14-DEC-2011 11:50:03
 Middle date: 13-DEC-2011 09:59:22

```

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

```

```

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

```

PASSED

```

</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="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>
  </Array>
</Data>
Buffer has 7 elements:
<Data>
  <Array Qty="0007" >
    <Structure Qty="0003" >
      <OctetString Value="07DB0C0D02122D2F00FFC400" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
      <OctetString Value="07DB0C0D0216130300FFC400" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
      <OctetString Value="07DB0C0D0216130300FFC400" />
      <DoubleLongUnsigned Value="00000000" />

```

```

    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0003" >
    <OctetString Value="07DB0C0D0216130300FFC400" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0003" >
    <OctetString Value="07DB0C0D0216130300FFC400" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0003" >
    <OctetString Value="07DB0C0D0216130400FFC400" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0003" >
    <OctetString Value="07DC01010700000000FFC400" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
</Array>
</Data>

```

Earliest date: 13-DEC-2011 18:45:47, latest date: 01-JAN-2012 00:00:00
 Middle date: 13-DEC-2011 22:19:03

 Test Case 14 : 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="0015" />
</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="02D0" />
    </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="00000052" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>

```

```

        <DoubleLongUnsigned Value="00000000" />
    </Structure>
</Array>
</Data>
(25) .desynchronization_listing PASSED
    <Data>
        <Structure Qty="0005" >
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="0000004F" />
            <DoubleLongUnsigned Value="00000000" />
            <DoubleLongUnsigned Value="00000000" />
        </Structure>
    </Data>
(26) .broadcast_frames_counter PASSED
    <Data>
        <Array Qty="0004" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0C00" />
                <DoubleLongUnsigned Value="00000018" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
        </Array>
    </Data>
(27) .repetitions_counter PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(28) .transmissions_counter PASSED

```

```

    <Data>
      <DoubleLongUnsigned Value="000001A5" />
    </Data>
(29) .CRC_OK_frames_counter PASSED
    <Data>
      <DoubleLongUnsigned Value="0000079D" />
    </Data>
(30) .CRC_NOK_frames_counter PASSED
    <Data>
      <DoubleLongUnsigned Value="00000001" />
    </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="\ " />

```

```
                IDIS Reg No 0007 FIT_Report.txt
                <OctetString Value="\ " />
                <OctetString Value="\ " />
                <OctetString Value="\ " />
                <OctetString Value="\ " />
            </Array>
        </Data>
```

```
*****
* CTI *
*****
```

```
// CTI: ISK ME381 IDIS FIT#3
// Last update: 2011-12-14, IDr
```

```
// Mandatory 'Manufacturer' structure
// *****
Manufacturer = {
    // Keep the leading '\' to denote a visible-string.
    Name = '\The Manufacturer'
    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
```

```

                                IDIS Reg No 0007 FIT_Report.txt
IDISFunctionType = [Extension_D, Extension_L, Extension_M]

// The serial number is only for documentation purpose.
SerialNr = 50760890

// 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 = {  
    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]
    }
}

InstanceExtraInfo = {
    // Set clock to 01/01/2012 07:29:52
    LogicalName = '0-0:1.0.0.255'
    ClassId = 8
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="07DC0101FF071D34FF8000FF" /></Data>'
    }
}

```

```

InstanceExtraInfo = {
    // Set special days to 30 entries
    LogicalName = '0-0:11.0.0.255'
    ClassId = 11
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data>'
+ '        <Array Qty="1E" >'
+ '            <Structure Qty="03" >'
+ '                <LongUnsigned Value="0001" />'
+ '                <OctetString Value="FFFF0101FF" />'
+ '                <Unsigned Value="02" />'
+ '            </Structure>'
+ '            <Structure Qty="03" >'
+ '                <LongUnsigned Value="0001" />'
+ '                <OctetString Value="FFFF0102FF" />'
+ '                <Unsigned Value="02" />'
+ '            </Structure>'
+ '            <Structure Qty="03" >'
+ '                <LongUnsigned Value="0001" />'
+ '                <OctetString Value="FFFF0103FF" />'
+ '                <Unsigned Value="02" />'
+ '            </Structure>'
+ '            <Structure Qty="03" >'
+ '                <LongUnsigned Value="0001" />'

```



```
+ '      <OctetString Value="FFFF0104FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0105FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0106FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0107FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0108FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0109FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF010AFF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0201FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
```

```

+ '      <OctetString Value="FFFF0202FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0203FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0204FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0205FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0206FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0207FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0208FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0209FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'

```

```
+ '      <OctetString Value="FFFF020AFF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0301FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0302FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0303FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0304FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0305FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0306FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
+ '      <OctetString Value="FFFF0307FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0001" />'
```

```

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

```

```

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

  // 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 Disconnect Control (class 70)
  // connect and disconnect actions

```

```
ConnectDisconnectDelay = 6000

// Mandatory DC system title
DCSystemTitle = '4C475A1169000000' //FIT DC

// Mandatory structure for the ImageTransfer
ImageTransfer = {
    // Image identifier as passed to the image_transfer_initiate method
    ImageIdentifier = ''
    // 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 = '\\ME381V10_ARM_035000376_M1.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: ACBE65E259026FF3DBCA3984316262A1
Object Model: IDIS - object model - V1.24 (20111025).xlsx
DUT system title: 49534B6473068CBA
DC MeterId: ISK6473068CBA
Run number: 100
--

E187A23F82267E30F6BDC9ECAE64B2E0