

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt

IDIS Conformance test report
14-SEP-2011 18:07:13
iCTT version 1.0.3
Licensed to: FIT Cert.
Tester: nenad.medjeral@landisgyr.com

* Identification *

```
Manufacturer = {  
  Name = '\The Manufacturer'  
  ThreeLettersId = '\ISK'  
}  
DeviceUnderTest = {  
  IDISDeviceType = 101  
  IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M]  
  SerialNr = 50669329  
}
```

* Summary *

PASSED	108
FAILED	0
DISABLED	1554
INAPPLICABLE	2
INCONCLUSIVE	0
FATAL	0
TOTAL	1664

Test Case 1 : Discovery, 1 item(s)

(1) Meter Discovery
PASSED

Test Case 6 : Get mngmt attributes, 1127 item(s)

Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)
(20) .value

PASSED
<Data>
<OctetString Value="\ISK1010750669329" />
</Data>

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255
(@46)

(22) .value
PASSED
<Data>

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  <OctetString Value="\50669329" />
  </Data>

Mngmt Get Clock 0-0:1.0.0.255 (@75)
(36) .time
      PASSED
  <Data>
    <OctetString Value="07DB090F04000B1800FF8880" />
  </Data>

Mngmt Get Active firmware version 1-0:0.2.0.255 (@321)
(180) .value
      PASSED
  <Data>
    <OctetString Value="\ISKACMT381100500" />
  </Data>

Mngmt Get Active firmware version signature 1-0:0.2.8.255
(@325)
(182) .value
      PASSED
  <Data>
    <OctetString
Value="E4DF2DEB63AD4EF46CA41346E564FBCA" />
    </Data>

Mngmt Get Active firmware version 1 1-1:0.2.0.255 (@329)
(184) .value
      PASSED
  <Data>
    <OctetString Value="\ISKAMMT381100501" />
  </Data>

Mngmt Get Active firmware version signature 1 1-1:0.2.8.255
(@333)
(186) .value
      PASSED
  <Data>
    <OctetString
Value="1350BA500F919A22DF9C387515FCD9F5" />
    </Data>

Mngmt Get Active firmware version 2 1-2:0.2.0.255 (@337)
(188) .value
      INAPPLICABLE
  Optional object is not implemented

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

Mngmt Get Active energy import (+A) 1-0:1.8.0.255 (@346)
(192) .value
      PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  </Data>
(193) .scaler_unit
      PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="1E" />
    </Structure>
  </Data>

Mngmt Get Active energy export (-A) 1-0:2.8.0.255 (@352)
(195) .value
      PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(196) .scaler_unit
      PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="1E" />
    </Structure>
  </Data>

Mngmt Get Reactive energy import (+R)
(QI+QII) 1-0:3.8.0.255 (@394)
(216) .value
      PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(217) .scaler_unit
      PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="20" />
    </Structure>
  </Data>

Mngmt Get Reactive energy export (-R)
(QIII+QIV) 1-0:4.8.0.255 (@400)
(219) .value
      PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(220) .scaler_unit
      PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="20" />
    </Structure>
  </Data>

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
Test Case 9 : Selective access of profiles, 17 item(s)

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@146)
(1) .buffer

```
                PASSED
entries_in_use: 6
  <Data>
    <DoubleLongUnsigned Value="00000006" />
  </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 6 elements:
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0003" >
        <OctetString Value="07DB090D02162B0B00FF8880"
/>
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="07DB090F0400012300FF8880"
/>
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="07DB090F0400012B00FF8880"
/>
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="07DB090F0400013100FF8880"
/>
        <DoubleLongUnsigned Value="00000000" />
```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0003" >
    <OctetString Value="07DB090F0400013600FF8880"
/>
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0003" >
      <OctetString Value="07DB090F0400020400FF8880"
/>
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      </Structure>
    </Array>
  </Data>
  Earliest date: 13-SEP-2011 22:43:11, latest date:
15-SEP-2011 00:02:04
  Middle date: 15-SEP-2011 00:01:49

```

Mngmt Get Load profile with period 2
i.e. Daily Values Profile 1-0:99.2.0.255 (@1070)
(6) .buffer

```

          PASSED
entries_in_use: 18
  <Data>
    <DoubleLongUnsigned Value="00000012" />
  </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="0000600A02FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
Buffer has 18 elements:

```

```

<_Data>
  <Array Qty="0012" >
    <Structure Qty="0004" >
      <OctetString Value="07DB090D0200000000FF8880"
/>
      <Unsigned Value="E0" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB08020200000000FF8880"
/>
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
  </Array>

```

```
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB090D0200000000FF8880"
/>
  <Unsigned Value="E0" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB090A0600000000FF8880"
/>
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="E0" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="60" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="E1" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
</Array>
</_Data>
```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
Earliest date: 02-AUG-2011 00:00:00, latest date:
13-SEP-2011 00:00:00
Middle date: 13-SEP-2011 00:00:00

Test Case 22 : MBUS reference test - data management, 134
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="02625B4B" />
    </Data>
(6) .manufacturer_id
    PASSED
    <Data>
      <LongUnsigned Value="19AC" />
    </Data>
(7) .version
    PASSED
    <Data>
      <Unsigned Value="02" />
    </Data>
(8) .device_type
    PASSED
```


110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt

```
<Data>
  <Unsigned Value="03" />
</Data>
(9) .access_number
      PASSED
      <Data>
        <Unsigned Value="45" />
      </Data>
(10) .status
      PASSED
      <Data>
        <Unsigned Value="60" />
      </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="02625B4C" />
      </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="3E" />
      </Data>
(21) .status
      PASSED
      <Data>
        <Unsigned Value="60" />
      </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
```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
PASSED

```
<Data>
  <DoubleLongUnsigned Value="02625B3D" />
</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="4D" />
      </Data>
(32) .status
      PASSED
      <Data>
        <Unsigned Value="40" />
      </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" >
          <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>
```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  <DoubleLongUnsigned Value="00000E10" />
  </Data>
(37) .primary_address
      PASSED
      <Data>
        <Unsigned Value="04" />
      </Data>
(38) .identification_number
      PASSED
      <Data>
        <DoubleLongUnsigned Value="02625B53" />
      </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="27" />
      </Data>
(43) .status
      PASSED
      <Data>
        <Unsigned Value="60" />
      </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>
        <DoubleLong Value="00000006" />
      </Data>
(46) .scaler_unit
      PASSED
      <Data>
        <Structure Qty="0002" >
          <Integer Value="FD" />
          <Enum Value="0D" />
        </Structure>
      </Data>

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt

(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>
  <DoubleLong Value="00000005" />
</Data>
```

(50) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FD" />
    <Enum Value="0E" />
  </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>
  <DoubleLong Value="0000000C" />
</Data>
```

(62) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FD" />
    <Enum Value="0D" />
  </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>
  <DoubleLong Value="0000000C" />
</Data>
```

(66) .scaler_unit

PASSED

```
<Data>
```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  <Structure Qty="0002" >
    <Integer Value="FD" />
    <Enum Value="0E" />
  </Structure>
</Data>
(67) .status
      PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255
(@1635)
(77) .value
      PASSED
  <Data>
    <DoubleLong Value="00000017" />
  </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>
    <DoubleLong Value="00000016" />
  </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>

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  <DoubleLong Value="00000006" />
</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>
        <DoubleLong Value="00000005" />
      </Data>
(98) .scaler_unit
      PASSED
      <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="\00000544000033111" />
      </Data>

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255
(@1703)
(110) .value
      PASSED
      <Data>
        <OctetString Value="\00000544000033211" />
      </Data>

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255
(@1707)
(111) .value
      PASSED
      <Data>

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  <OctetString Value="\00000544000031711" />
</Data>

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255
(@1711)
(112) .value
      PASSED
      <Data>
        <OctetString Value="\00000544000033911" />
      </Data>

Mngmt Get M-Bus Master Load profile for channel 1
0-1:24.3.0.255 (@1747)
(117) .buffer
      PASSED
entries_in_use: 6
  <Data>
    <DoubleLongUnsigned Value="00000006" />
  </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>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180202FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
Buffer has 6 elements:
  <Data>
    <Array Qty="0006" >
      <Structure Qty="0004" >
        <OctetString Value="07DB090E0311000000FF8880"
/>
        <Unsigned Value="C1" />
        <DoubleLong Value="00000006" />
        <DoubleLong Value="00000005" />
      </Structure>

```


110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt

```
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="61" />
  <DoubleLong Value="00000006" />
  <DoubleLong Value="00000005" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="20" />
  <DoubleLong Value="00000006" />
  <DoubleLong Value="00000005" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="20" />
  <DoubleLong Value="00000006" />
  <DoubleLong Value="00000005" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="20" />
  <DoubleLong Value="00000006" />
  <DoubleLong Value="00000005" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB090F0400000000FF8880"
/>
  <Unsigned Value="20" />
  <DoubleLong Value="00000006" />
  <DoubleLong Value="00000005" />
</Structure>
</Array>
</Data>
Earliest date: 14-SEP-2011 17:00:00, latest date:
15-SEP-2011 00:00:00
Middle date: 15-SEP-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="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>
```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  <Structure Qty="0004" >
    <LongUnsigned Value="0004" />
    <OctetString Value="0001180202FF" />
    <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="00000006" />
  </Data>

Mngmt Get M-Bus Master Load profile for channel 2
0-2:24.3.0.255 (@1758)
(121) .buffer
      PASSED
entries_in_use: 6
  <Data>
    <DoubleLongUnsigned Value="00000006" />
  </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>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0002180202FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
Buffer has 6 elements:
  <Data>

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt

```
<Array Qty="0006" >
  <Structure Qty="0004" >
    <OctetString Value="07DB090E0311000000FF8880"
/>
    <Unsigned Value="C1" />
    <DoubleLong Value="00000000" />
    <DoubleLong Value="00000000" />
  </Structure>
  <Structure Qty="0004" >
    <NullData />
    <Unsigned Value="61" />
    <DoubleLong Value="00000000" />
    <DoubleLong Value="00000000" />
  </Structure>
  <Structure Qty="0004" >
    <NullData />
    <Unsigned Value="20" />
    <DoubleLong Value="0000000C" />
    <DoubleLong Value="0000000C" />
  </Structure>
  <Structure Qty="0004" >
    <NullData />
    <Unsigned Value="20" />
    <DoubleLong Value="0000000C" />
    <DoubleLong Value="0000000C" />
  </Structure>
  <Structure Qty="0004" >
    <NullData />
    <Unsigned Value="20" />
    <DoubleLong Value="0000000C" />
    <DoubleLong Value="0000000C" />
  </Structure>
  <Structure Qty="0004" >
    <OctetString Value="07DB090F0400000000FF8880"
/>
    <Unsigned Value="20" />
    <DoubleLong Value="0000000C" />
    <DoubleLong Value="0000000C" />
  </Structure>
</Array>
</Data>
  Earliest date: 14-SEP-2011 17:00:00, latest date:
15-SEP-2011 00:00:00
  Middle date: 15-SEP-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="0002600A03FF" />
      <Integer Value="02" />
    </Structure>
  </Array>
</Data>
```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  <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>
(123) .capture_period
      PASSED
      <Data>
        <DoubleLongUnsigned Value="00000E10" />
      </Data>
(124) .entries_in_use
      PASSED
      <Data>
        <DoubleLongUnsigned Value="00000006" />
      </Data>

Mngmt Get M-Bus Master Load profile for channel 3
0-3:24.3.0.255 (@1769)
(125) .buffer
      PASSED
entries_in_use: 6
  <Data>
    <DoubleLongUnsigned Value="00000006" />
  </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>
      <Structure Qty="0004" >
        <LongUnsigned Value="0004" />

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  <OctetString Value="0003180202FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>
Buffer has 6 elements:
<Data>
  <Array Qty="0006" >
    <Structure Qty="0004" >
      <OctetString Value="07DB090E0311000000FF8880"
/>
      <Unsigned Value="C1" />
      <DoubleLong Value="00000000" />
      <DoubleLong Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="61" />
      <DoubleLong Value="00000000" />
      <DoubleLong Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLong Value="00000017" />
      <DoubleLong Value="00000016" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLong Value="00000017" />
      <DoubleLong Value="00000016" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLong Value="00000017" />
      <DoubleLong Value="00000016" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB090F0400000000FF8880"
/>
      <Unsigned Value="20" />
      <DoubleLong Value="00000017" />
      <DoubleLong Value="00000016" />
    </Structure>
  </Array>
</Data>
  Earliest date: 14-SEP-2011 17:00:00, latest date:
15-SEP-2011 00:00:00
  Middle date: 15-SEP-2011 00:00:00
(126) .capture_objects
      PASSED
<Data>
  <Array Qty="0004" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt

```
<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>
(127) .capture_period
      PASSED
      <Data>
        <DoubleLongUnsigned Value="00000E10" />
      </Data>
(128) .entries_in_use
      PASSED
      <Data>
        <DoubleLongUnsigned Value="00000006" />
      </Data>
```

Mngmt Get M-Bus Master Load profile for channel 4
0-4:24.3.0.255 (@1780)

```
(129) .buffer
      PASSED
entries_in_use: 6
  <Data>
    <DoubleLongUnsigned Value="00000006" />
  </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>
```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt

```
<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>
Buffer has 6 elements:
<Data>
  <Array Qty="0006" >
    <Structure Qty="0004" >
      <OctetString Value="07DB090E0311000000FF8880"
/>
      <Unsigned Value="C1" />
      <DoubleLong Value="00000000" />
      <DoubleLong Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="61" />
      <DoubleLong Value="00000000" />
      <DoubleLong Value="00000000" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLong Value="00000006" />
      <DoubleLong Value="00000005" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLong Value="00000006" />
      <DoubleLong Value="00000005" />
    </Structure>
    <Structure Qty="0004" >
      <NullData />
      <Unsigned Value="20" />
      <DoubleLong Value="00000006" />
      <DoubleLong Value="00000005" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB090F0400000000FF8880"
/>
      <Unsigned Value="20" />
      <DoubleLong Value="00000006" />
      <DoubleLong Value="00000005" />
    </Structure>
  </Array>
</Data>
```

Earliest date: 14-SEP-2011 17:00:00, latest date:

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
15-SEP-2011 00:00:00
Middle date: 15-SEP-2011 00:00:00
(130) .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>
```

(131) .capture_period
PASSED

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

(132) .entries_in_use
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000006" />
</Data>
```

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1898)

(133) .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>
  </Array>
</Data>
```



```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0001" />
    <OctetString Value="0000600B03FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
</Array>
</Data>
Buffer has 30 elements:
  <_Data>
    <Array Qty="001E" >
      <Structure Qty="0002" >
        <OctetString Value="07DB090E0310070D00FF8880"
/>
          <Enum Value="FE" />
        </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB090E03100D1700FF8880"
/>
          <Enum Value="6E" />
        </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB090E03100D1C00FF8880"
/>
          <Enum Value="82" />
        </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB090E03100D2A00FF8880"
/>
          <Enum Value="64" />
        </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB090E03100E3700FF8880"
/>
          <Enum Value="64" />
        </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB090E03101A1A00FF8880"
/>
          <Enum Value="64" />
        </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB090E0310271800FF8880"
/>
          <Enum Value="68" />
        </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB090E0311022500FF8880"
/>
          <Enum Value="71" />
        </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB090E0311022800FF8880"
/>
          <Enum Value="7B" />
        </Structure>
      <Structure Qty="0002" >

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
    <OctetString Value="07DB090E0311023700FF8880"
/>
    <Enum Value="68" />
  </Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E0311023800FF8880"
/>
  <Enum Value="72" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E0311023B00FF8880"
/>
  <Enum Value="7C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E0311030000FF8880"
/>
  <Enum Value="86" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E03113B3B00FF8880"
/>
  <Enum Value="68" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E0312000000FF8880"
/>
  <Enum Value="72" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E0312000100FF8880"
/>
  <Enum Value="7C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E0312000300FF8880"
/>
  <Enum Value="86" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E0312000900FF8880"
/>
  <Enum Value="85" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E03123B3B00FF8880"
/>
  <Enum Value="68" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E0313000000FF8880"
/>
  <Enum Value="72" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DB090E0313000100FF8880"
/>
  <Enum Value="7C" />

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090E0313000300FF8880"
/>
    <Enum Value="86" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090E03133B3B00FF8880"
/>
    <Enum Value="68" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090E0314000000FF8880"
/>
    <Enum Value="72" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090E0314000100FF8880"
/>
    <Enum Value="7C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090E0314000300FF8880"
/>
    <Enum Value="86" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090F0400000500FF8880"
/>
    <Enum Value="68" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090F0400000600FF8880"
/>
    <Enum Value="72" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090F0400000700FF8880"
/>
    <Enum Value="7C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090F0400000900FF8880"
/>
    <Enum Value="86" />
  </Structure>
</Array>
</_Data>
  Earliest date: 14-SEP-2011 16:07:13, latest date:
15-SEP-2011 00:00:09
  Middle date: 14-SEP-2011 18:00:01
(134) .entries_in_use
      PASSED
  <Data>
    <DoubleLongUnsigned Value="0000001E" />
  </Data>

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
* CTI *
*****

// CTI Template
// 1.0

// 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 = 101

    // 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 = 50669329

    // 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 = 101

    // ''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.
}

```

```
110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
// 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, ' +
```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
'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
```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
    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 = {

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
    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'

```



```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  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]  
  }  
}
```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
  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]
  }
}
}

// 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
}

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
// 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 = '4C475A4954000001'
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 = '\MT381V10_ARM_035000377_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

```

```

        110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
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
    }
}

```

```

110914 IDIS Reg No 0003 FIT for MT381 R1_Report.txt
// 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: EDFED02FFC769F9B6A7FB812E1AF56E9  
Object Model: IDIS - object model - V1.23A  
(20110714)-FOR MBUS TESTS ONLY.xlsx  
DUT system title: 49534B6573052711  
DC MeterId: ISK6573052711  
Run number: 75  
--
```

```
E86782F2AA0A3BFC2A0D7FF4FA6A403C
```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt

IDIS Conformance test report
29-AUG-2012 15:46:33
iCTT Package 1, Edition 1.1, Revision 1 (207)
Licensed to: IDIS Assoc.
Tester: info@idis-association.com

* Identification *

```
Manufacturer = {  
  Name = '\The Manufacturer'  
  ThreeLettersId = '\ISK'  
}  
DeviceUnderTest = {  
  IDISDeviceType = 101  
  IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M]  
  SerialNr = 50760891  
}
```

* 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)

```
(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="01" />
    </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>
```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
<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="000001C5" />
          </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="000001BF" />
          <DoubleLongUnsigned Value="00000000" />
          <DoubleLongUnsigned Value="00000000" />
        </Structure>
      </Data>
(26) .broadcast_frames_counter
      PASSED
      <Data>
        <Array Qty="0004" >
          <Structure Qty="0002" >
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
    <LongUnsigned Value="0C00" />
    <DoubleLongUnsigned Value="0000008A" />
  </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="000003BE" />
      </Data>
(29) .CRC_OK_frames_counter
      PASSED
      <Data>
        <DoubleLongUnsigned Value="00000CB7" />
      </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="454C53657030729C" />  
          <OctetString Value="4C475A6570120000" />  
          <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="\50760891" />  
      </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
```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

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

```
120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
  <OctetString Value="\ISK1010750760891" />
  </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="\ISK1010750760891" />
      </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="\ISKACMT381100600" />
      </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="452C184581558F8BE091C23BEC074949" />
      </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
```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
PASSED

```
<Data>  
  <OctetString Value="\ISKAMMT381100601" />  
</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="EE02033423B9A4D32163C24E96227F8C" />  
</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="07DC081EFF0E0000FF8000FF" />
</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="07DC081E040E000700FF8880" />
</Data>

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

**
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" >
```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

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

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

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

```
                PASSED
entries_in_use: 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" >
```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
<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="07DC0213070F051D00FFC400"
/>
      <Enum Value="3E" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0213070F053000FFC400"
/>
      <Enum Value="3F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0213070F053000FFC400"
/>
      <Enum Value="3B" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC02130700000000FFC400"
/>
      <Enum Value="45" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0213070C000000FFC400"
/>
      <Enum Value="40" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0213070C0A0000FFC400"
/>
      <Enum Value="45" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010A351900FFC400"
/>
      <Enum Value="3E" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010A352C00FFC400"
/>
      <Enum Value="3F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010A352C00FFC400"
/>
      <Enum Value="3B" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010A360500FFC400"
/>
```

```
    <Enum Value="3E" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A361900FFC400"
/>
    <Enum Value="3F" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A363500FFC400"
/>
    <Enum Value="3E" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A370C00FFC400"
/>
    <Enum Value="3F" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A370C00FFC400"
/>
    <Enum Value="3B" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A372300FFC400"
/>
    <Enum Value="3E" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A373700FFC400"
/>
    <Enum Value="3F" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A381100FFC400"
/>
    <Enum Value="3E" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A382600FFC400"
/>
    <Enum Value="3F" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A382600FFC400"
/>
    <Enum Value="3B" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A390100FFC400"
/>
    <Enum Value="3E" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010A391500FFC400"
/>
    <Enum Value="3F" />
  </Structure>
  <Structure Qty="0002" >
```



```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
    <OctetString Value="07DC0214010A391500FFC400"
/>
    <Enum Value="3B" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010B030F00FFC400"
/>
    <Enum Value="3E" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0214010B031700FFC400"
/>
    <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="07DC021704020A2400FFC400"
/>
    <Enum Value="3E" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC021704020A2700FFC400"
/>
    <Enum Value="3F" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC021704020A2A00FFC400"
/>
    <Enum Value="3E" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC021704020A2C00FFC400"
/>
    <Enum Value="3F" />
  </Structure>
</Array>
</_Data>
  Earliest date: 19-FEB-2012 00:00:00, latest date:
07-JUL-2012 12:10:00
  Middle date: 20-FEB-2012 10:55:55

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="07DC0214010B103900FFC400"
/>
      <Enum Value="13" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010B103900FFC400"
/>
      <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010B110C00FFC400"
/>
      <Enum Value="30" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010B110C00FFC400"
/>
      <Enum Value="30" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010B110C00FFC400"
/>
      <Enum Value="30" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010B130600FFC400"
/>
      <Enum Value="2F" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010B131E00FFC400"
/>
      <Enum Value="33" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC0214010B132100FFC400"
/>
      <Enum Value="2F" />
  </Array>
</_Data>
```

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0214010C323000FFC400"
/>
  <Enum Value="11" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0214010C330500FFC400"
/>
  <Enum Value="12" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0214010C333300FFC400"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0214010E163100FFC400"
/>
  <Enum Value="11" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0214010E170100FFC400"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0214010E180000FFC400"
/>
  <Enum Value="12" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC021401143A0E00FFC400"
/>
  <Enum Value="EA" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC021401143A0F00FFC400"
/>
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC02170401200B00FFC400"
/>
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC02170401200C00FFC400"
/>
  <Enum Value="ED" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC02170401271A00FFC400"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC02170402000500FFC400"
```

```
/>
    <Enum Value="E6" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02170402000A00FFC400"
  />
    <Enum Value="E6" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02170402001000FFC400"
  />
    <Enum Value="E6" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02170402001500FFC400"
  />
    <Enum Value="E6" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02170402080F00FFC400"
  />
    <Enum Value="2F" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC021704020A1D00FFC400"
  />
    <Enum Value="2F" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC021704020A2F00FFC400"
  />
    <Enum Value="2F" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC021704020A2F00FFC400"
  />
    <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="07DB08010113000300FF8880"
  />
    <Enum Value="04" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB080101133B3B00FF8880"
  />
    <Enum Value="05" />
  </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="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="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="07DB08090200000200FF8880"
/>
    <Enum Value="04" />
  </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="07DB09020500031500FF8880"
/>
    <Enum Value="04" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC070A020F073A00FF8880"
/>
    <Enum Value="E7" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC070A020F073A00FF8880"
/>
    <Enum Value="05" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC070A020F140700FF8880"
/>
    <Enum Value="EA" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC070A020F140800FF8880"
/>
    <Enum Value="01" />
  </Structure>
  <Structure Qty="0002" >
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
    <OctetString Value="07DC070A020F150600FF8880"
/>
    <Enum Value="02" />
  </Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A020F150700FF8880"
/>
  <Enum Value="ED" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A020F301100FF8880"
/>
  <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="07DC010107071E0300FFC400"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071E0B00FFC400"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071E1200FFC400"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010707222400FFC400"
/>
  <Enum Value="EA" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010707222500FFC400"
/>
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010707240F00FFC400"
/>
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010707241000FFC400"
/>
  <Enum Value="ED" />

```

```
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107072F0600FFC400"
/>
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A0210052000FF8880"
/>
  <Enum Value="E7" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A0210052000FF8880"
/>
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC070A02100F0F00FF8880"
/>
  <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="07DC010107071E0200FFC400"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071E0900FFC400"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC010107071E0F00FFC400"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010708241400FFC400"
/>
  <Enum Value="EA" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010708241400FFC400"
/>
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010708241400FFC400"
```



```

/>
    <Enum Value="06" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010708241400FFC400"
/>
    <Enum Value="02" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010708241400FFC400"
/>
    <Enum Value="E7" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010708241400FFC400"
/>
    <Enum Value="E6" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010708241400FFC400"
/>
    <Enum Value="ED" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010708282800FFC400"
/>
    <Enum Value="EA" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010708282900FFC400"
/>
    <Enum Value="01" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010708282B00FFC400"
/>
    <Enum Value="02" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010708282C00FFC400"
/>
    <Enum Value="ED" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC010107082B1000FFC400"
/>
    <Enum Value="04" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D030F1E3100FF8880"
/>
    <Enum Value="E7" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D030F1E3100FF8880"
/>
    <Enum Value="05" />
  </Structure>

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
<Structure Qty="0002" >
  <OctetString Value="07DC081D030F1F1700FF8880"
/>
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081D03111F1200FF8880"
/>
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081D0311211D00FF8880"
/>
  <Enum Value="EA" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081D0311211D00FF8880"
/>
  <Enum Value="01" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081D0311212200FF8880"
/>
  <Enum Value="02" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081D0311212300FF8880"
/>
  <Enum Value="ED" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081D0311332900FF8880"
/>
  <Enum Value="04" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081E040E000000FF8880"
/>
  <Enum Value="05" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081E040E001000FF8880"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081E040E001800FF8880"
/>
  <Enum Value="2F" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC081E040E002000FF8880"
/>
  <Enum Value="2F" />
</Structure>
</Array>
</_Data>
```

Earliest date: 01-AUG-2011 18:59:59, latest date:

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

```

                PASSED
entries_in_use: 23
  <Data>
    <DoubleLongUnsigned Value="00000017" />
  </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 23 elements:
  <_Data>
    <Array Qty="0017" >
      <Structure Qty="0002" >
        <OctetString Value="07DB0B1A06072A0D00FFC400"
/>
        <Enum Value="FF" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB09020500090B00FF8880"
/>
        <Enum Value="2C" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB090205010F2B00FF8880"
/>
        <Enum Value="32" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0902050B0F1B00FF8880"
/>
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0902050B130E00FF8880"
/>
        <Enum Value="28" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="07DB0902050C371400FF8880"
/>
    </Array>
  </_Data>

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
    <Enum Value="32" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090306172D1000FF8880"
/>
    <Enum Value="28" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB090306172D1000FF8880"
/>
    <Enum Value="2C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB09030617311000FF8880"
/>
    <Enum Value="2C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB09040700391F00FF8880"
/>
    <Enum Value="32" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010707352000FFC400"
/>
    <Enum Value="28" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010707381900FFC400"
/>
    <Enum Value="2C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02080315071E00FFC400"
/>
    <Enum Value="32" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC0209040A110900FFC400"
/>
    <Enum Value="32" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC020B0617173500FFC400"
/>
    <Enum Value="32" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02130709272E00FFC400"
/>
    <Enum Value="28" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02130709272E00FFC400"
/>
    <Enum Value="2C" />
  </Structure>
  <Structure Qty="0002" >
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
  <OctetString Value="07DC0213070D2A1300FFC400"
/>
  <Enum Value="2C" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0213070F171B00FFC400"
/>
  <Enum Value="32" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC0214010B0D3000FFC400"
/>
  <Enum Value="32" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010707213700FFC400"
/>
  <Enum Value="28" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010707241000FFC400"
/>
  <Enum Value="28" />
</Structure>
<Structure Qty="0002" >
  <OctetString Value="07DC01010708241100FFC400"
/>
  <Enum Value="28" />
</Structure>
</Array>
</_Data>
  Earliest date: 02-SEP-2011 00:09:11, latest date:
20-FEB-2012 11:13:48
  Middle date: 01-JAN-2012 07:56:25

```

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

```

          PASSED
entries_in_use: 35
  <Data>
    <DoubleLongUnsigned Value="00000023" />
  </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 35 elements:

```
<_Data>
  <Array Qty="0023" >
    <Structure Qty="0002" >
      <OctetString Value="07DB0B1A06072A0D00FFC400"
/>
      <Enum Value="FF" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B123A00FF8880"
/>
      <Enum Value="52" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B123A00FF8880"
/>
      <Enum Value="55" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B123A00FF8880"
/>
      <Enum Value="53" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B123A00FF8880"
/>
      <Enum Value="56" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B123A00FF8880"
/>
      <Enum Value="54" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B123A00FF8880"
/>
      <Enum Value="57" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B150700FF8880"
/>
      <Enum Value="52" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B150700FF8880"
/>
      <Enum Value="55" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B150700FF8880"
/>
      <Enum Value="53" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DB0902050B150700FF8880"
/>
      <Enum Value="56" />
```

```
120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0902050B150700FF8880"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0902050B150700FF8880"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0902050B202700FF8880"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0902050B202700FF8880"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB09030617311000FF8880"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB09030617311000FF8880"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0904070A280900FF8880"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DB0904070A280900FF8880"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010707352000FFC400"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010707352000FFC400"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02090407312300FFC400"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02090407312300FFC400"
```

```
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC020B0613261600FFC400"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC020B0613261600FFC400"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC020B0614091000FFC400"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC020B0614091000FFC400"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02130709323500FFC400"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02130709323500FFC400"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02170401200C00FFC400"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC02170401200C00FFC400"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC070A020F150700FF8880"
/>
    <Enum Value="54" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC070A020F150700FF8880"
/>
    <Enum Value="57" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC01010707241000FFC400"
/>
    <Enum Value="54" />
  </Structure>
```



```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
    <Structure Qty="0002" >
        <OctetString Value="07DC01010707241000FFC400"
/>
        <Enum Value="57" />
    </Structure>
</Array>
</_Data>
Earliest date: 02-SEP-2011 11:18:58, latest date:
10-JUL-2012 15:21:07
Middle date: 04-SEP-2011 10:40:09

```

```

*****
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="07DC0214010B030400FFC400"
/>
                <DoubleLongUnsigned Value="00000000" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
            <Structure Qty="0003" >
                <OctetString Value="07DC03010400000000FFC400"
/>
            </Structure>
            <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="07DC021704020A2300FFC400"
/>
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC021704020A2300FFC400"
/>
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC021704020A2400FFC400"
/>
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC021704020A2400FFC400"
/>
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC021704020A2400FFC400"
/>
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0003" >
  <OctetString Value="07DC03010400000000FFC400"
/>
  <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>
<Structure Qty="0003" >
  <OctetString Value="07DC08010300000000FF8880"
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
/>
    <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="07DC02010300000000FFC400"
/>
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
  <Structure Qty="0003" >
    <OctetString Value="07DC02010300000000FFC400"
/>
    <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: 01-MAR-2012 00:00:00

```

```

*****
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>

```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
(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="00047BB1" />
    </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="E4" />
    </Data>
(10) .status
    PASSED
    <Data>
      <Unsigned Value="60" />
    </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" />
        </Structure>
      </Array>
    </Data>

```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
    <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="00047BB2" />
      </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="91" />
      </Data>
(21) .status
      PASSED
      <Data>
        <Unsigned Value="60" />
      </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>

```

```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
  <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="00047BB4" />
      </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="BE" />
      </Data>
(32) .status
      PASSED
      <Data>
        <Unsigned Value="20" />
      </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" >
          <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="00047BB3" />
      </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="C7" />
```

```
</Data>
(43) .status
      PASSED
      <Data>
        <Unsigned Value="20" />
      </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="05F5DD56" />
      </Data>
```

```
(46) .scaler_unit
      PASSED
      <Data>
        <Structure Qty="0002" >
          <Integer Value="FD" />
          <Enum Value="0D" />
        </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="00000227" />
      </Data>
```

```
(50) .scaler_unit
      PASSED
      <Data>
        <Structure Qty="0002" >
          <Integer Value="FD" />
          <Enum Value="0E" />
        </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
```


120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
<Data>
  <DoubleLongUnsigned Value="05F5DD18" />
</Data>
```

(62) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FD" />
    <Enum Value="0D" />
  </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="000004AE" />
</Data>
```

(66) .scaler_unit
PASSED

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

(67) .status
PASSED

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

Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255
(@1635)

(77) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="05F5DD28" />
</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="000001E7" />
      </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="05F5DD26" />
      </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="000003CC" />
      </Data>
(98) .scaler_unit
      PASSED
      <Data>
        <Structure Qty="0002" >
          <Integer Value="FD" />
          <Enum Value="0E" />
        </Structure>
      </Data>
```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
(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="\00000540029380911" />  
</Data>
```

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255
(@1703)

(110) .value

PASSED

```
<Data>  
  <OctetString Value="\00000540029381011" />  
</Data>
```

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255
(@1707)

(111) .value

PASSED

```
<Data>  
  <OctetString Value="\00000540029381211" />  
</Data>
```

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

(112) .value

PASSED

```
<Data>  
  <OctetString Value="\00000540029381111" />  
</Data>
```

Mngmt Get M-Bus Master Load profile for channel 1
0-1:24.3.0.255 (@1747)

(113) .buffer

PASSED

entries_in_use: 22

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

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
<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>
Buffer has 22 elements:
<_Data>
  <Array Qty="0016" >
    <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>
<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" />
  <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="07DC070A0210000000FF8880"
/>
  <Unsigned Value="E1" />
  <DoubleLongUnsigned Value="00000000" />
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC01010708000000FFC400"
/>
  <Unsigned Value="E1" />
  <DoubleLongUnsigned Value="05F5DD1A" />
  <DoubleLongUnsigned Value="000004AE" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC070A0211000000FF8880"
/>
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="05F5DD1A" />
  <DoubleLongUnsigned Value="000004AE" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC01010708000000FFC400"
/>
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="05F5DD1A" />
  <DoubleLongUnsigned Value="000004AE" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="E3" />
  <DoubleLongUnsigned Value="05F5DD56" />
  <DoubleLongUnsigned Value="00000227" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081D0310000000FF8880"
/>
  <Unsigned Value="21" />
  <DoubleLongUnsigned Value="05F5DD56" />
  <DoubleLongUnsigned Value="00000227" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081D0312000000FF8880"
/>
  <Unsigned Value="E0" />
  <DoubleLongUnsigned Value="05F5DD56" />
  <DoubleLongUnsigned Value="00000227" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081E040E000000FF8880"
/>
  <Unsigned Value="00" />
  <DoubleLongUnsigned Value="05F5DD56" />
  <DoubleLongUnsigned Value="00000227" />
</Structure>
</Array>
</_Data>
  Earliest date: 02-AUG-2011 00:00:00, latest date:
30-AUG-2012 14:00:00
  Middle date: 02-SEP-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="00000016" />
      </Data>
```

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

```
(117) .buffer
      PASSED
entries_in_use: 22
  <Data>
    <DoubleLongUnsigned Value="00000016" />
  </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" />
      </Structure>
```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
<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>
Buffer has 22 elements:
<_Data>
  <Array Qty="0016" >
    <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>
<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" />
  <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="07DC070A0210000000FF8880"
/>
  <Unsigned Value="E1" />
  <DoubleLongUnsigned Value="00000000" />
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC01010708000000FFC400"
/>
  <Unsigned Value="E1" />
  <DoubleLongUnsigned Value="05F5DD1B" />
  <DoubleLongUnsigned Value="000004BA" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC070A0211000000FF8880"
/>
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="05F5DD1B" />
  <DoubleLongUnsigned Value="000004BA" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC01010708000000FFC400"
/>
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="05F5DD1B" />
  <DoubleLongUnsigned Value="000004BA" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="E3" />
  <DoubleLongUnsigned Value="05F5DD18" />
  <DoubleLongUnsigned Value="000004AE" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081D0310000000FF8880"
/>
  <Unsigned Value="21" />
  <DoubleLongUnsigned Value="05F5DD18" />
  <DoubleLongUnsigned Value="000004AE" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081D0312000000FF8880"
/>
  <Unsigned Value="E0" />
  <DoubleLongUnsigned Value="05F5DD18" />
  <DoubleLongUnsigned Value="000004AE" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081E040E000000FF8880"
/>
  <Unsigned Value="00" />
  <DoubleLongUnsigned Value="05F5DD18" />
  <DoubleLongUnsigned Value="000004AE" />
</Structure>
</Array>
</_Data>
  Earliest date: 02-AUG-2011 00:00:00, latest date:
30-AUG-2012 14:00:00
  Middle date: 02-SEP-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="00000016" />
      </Data>
```

Mngmt Get M-Bus Master Load profile for channel 3
0-3:24.3.0.255 (@1769)

```
(121) .buffer
      PASSED
entries_in_use: 22
  <Data>
    <DoubleLongUnsigned Value="00000016" />
  </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" />
      </Structure>
```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
<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>
Buffer has 22 elements:
<_Data>
  <Array Qty="0016" >
    <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>
<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" />
  <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="07DC070A0210000000FF8880"
/>
  <Unsigned Value="E1" />
  <DoubleLongUnsigned Value="00000000" />
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC01010708000000FFC400"
/>
  <Unsigned Value="E1" />
  <DoubleLongUnsigned Value="05F5DD21" />
  <DoubleLongUnsigned Value="000004C2" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC070A0211000000FF8880"
/>
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="05F5DD21" />
  <DoubleLongUnsigned Value="000004C2" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC01010708000000FFC400"
/>
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="05F5DD21" />
  <DoubleLongUnsigned Value="000004C2" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="E3" />
  <DoubleLongUnsigned Value="05F5DD28" />
  <DoubleLongUnsigned Value="000001E7" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081D0310000000FF8880"
/>
  <Unsigned Value="21" />
  <DoubleLongUnsigned Value="05F5DD28" />
  <DoubleLongUnsigned Value="000001E7" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081D0312000000FF8880"
/>
  <Unsigned Value="E0" />
  <DoubleLongUnsigned Value="05F5DD28" />
  <DoubleLongUnsigned Value="000001E7" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081E040E000000FF8880"
/>
  <Unsigned Value="00" />
  <DoubleLongUnsigned Value="05F5DD28" />
  <DoubleLongUnsigned Value="000001E7" />
</Structure>
</Array>
</_Data>
  Earliest date: 02-AUG-2011 00:00:00, latest date:
30-AUG-2012 14:00:00
  Middle date: 02-SEP-2011 00:00:00
(122) .capture_objects
      PASSED
<Data>

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

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

Mngmt Get M-Bus Master Load profile for channel 4
0-4:24.3.0.255 (@1780)

```
(125) .buffer
      PASSED
entries_in_use: 22
      <Data>
        <DoubleLongUnsigned Value="00000016" />
      </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" />
          </Structure>
```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
<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>
Buffer has 22 elements:
<_Data>
  <Array Qty="0016" >
    <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>
<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" />
  <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="07DC070A0210000000FF8880"
/>
  <Unsigned Value="E1" />
  <DoubleLongUnsigned Value="00000000" />
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC01010708000000FFC400"
/>
  <Unsigned Value="E1" />
  <DoubleLongUnsigned Value="05F5DD18" />
  <DoubleLongUnsigned Value="000004AF" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC070A0211000000FF8880"
/>
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="05F5DD18" />
  <DoubleLongUnsigned Value="000004AF" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC01010708000000FFC400"
/>
  <Unsigned Value="20" />
  <DoubleLongUnsigned Value="05F5DD18" />
  <DoubleLongUnsigned Value="000004AF" />
</Structure>
<Structure Qty="0004" >
  <NullData />
  <Unsigned Value="E3" />
  <DoubleLongUnsigned Value="05F5DD26" />
  <DoubleLongUnsigned Value="000003CC" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081D0310000000FF8880"
/>
  <Unsigned Value="21" />
  <DoubleLongUnsigned Value="05F5DD26" />
  <DoubleLongUnsigned Value="000003CC" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081D0312000000FF8880"
/>
  <Unsigned Value="E0" />
  <DoubleLongUnsigned Value="05F5DD26" />
  <DoubleLongUnsigned Value="000003CC" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DC081E040E000000FF8880"
/>
  <Unsigned Value="00" />
  <DoubleLongUnsigned Value="05F5DD26" />
  <DoubleLongUnsigned Value="000003CC" />
</Structure>
</Array>
</_Data>
  Earliest date: 02-AUG-2011 00:00:00, latest date:
30-AUG-2012 14:00:00
  Middle date: 02-SEP-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="00000016" />
  </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" />
      </Structure>
    </Array>
  </Data>

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt

```
    <LongUnsigned Value="0000" />
  </Structure>
</Array>
</Data>
Buffer has 30 elements:
<_Data>
  <Array Qty="001E" >
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708000600FFC400"
/>
      <Enum Value="85" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708241D00FFC400"
/>
      <Enum Value="71" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708242F00FFC400"
/>
      <Enum Value="72" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708243000FFC400"
/>
      <Enum Value="7C" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708243100FFC400"
/>
      <Enum Value="86" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708283000FFC400"
/>
      <Enum Value="67" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708290900FFC400"
/>
      <Enum Value="68" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708290A00FFC400"
/>
      <Enum Value="72" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708290B00FFC400"
/>
      <Enum Value="7C" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="07DC01010708290D00FFC400"
/>
      <Enum Value="86" />
    </Structure>
    <Structure Qty="0002" >
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
    <OctetString Value="07DC081D030F1E3200FF8880"
/>
    <Enum Value="68" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D030F1E3300FF8880"
/>
    <Enum Value="72" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D030F1E3400FF8880"
/>
    <Enum Value="7C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D030F1E3600FF8880"
/>
    <Enum Value="86" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D030F1E3700FF8880"
/>
    <Enum Value="68" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D030F1E3800FF8880"
/>
    <Enum Value="72" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D030F1E3A00FF8880"
/>
    <Enum Value="7C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D030F1E3B00FF8880"
/>
    <Enum Value="86" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D03111F1300FF8880"
/>
    <Enum Value="68" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D03111F1400FF8880"
/>
    <Enum Value="72" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D03111F1600FF8880"
/>
    <Enum Value="7C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D03111F1700FF8880"
/>
    <Enum Value="86" />

```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D0311220000FF8880"
/>
    <Enum Value="68" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D0311220100FF8880"
/>
    <Enum Value="72" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D0311220200FF8880"
/>
    <Enum Value="7C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081D0311220400FF8880"
/>
    <Enum Value="86" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081E040E000100FF8880"
/>
    <Enum Value="68" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081E040E000200FF8880"
/>
    <Enum Value="72" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081E040E000400FF8880"
/>
    <Enum Value="7C" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="07DC081E040E000500FF8880"
/>
    <Enum Value="86" />
  </Structure>
</Array>
</_Data>
  Earliest date: 01-JAN-2012 08:00:06, latest date:
30-AUG-2012 14:00:05
  Middle date: 29-AUG-2012 15:30:56
(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="01" />
    </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 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" />


```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
  </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="000001C5" />
          </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="000001BF" />
          <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="0000008A" />
          </Structure>
        </Array>
      </Data>

```

```
</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="00000508" />
      </Data>
(29) .CRC_OK_frames_counter
      PASSED
      <Data>
        <DoubleLongUnsigned Value="0000128C" />
      </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="454C53657030729C" />
          <OctetString Value="4C475A6570120000" />
          <OctetString Value="\ " />
          <OctetString Value="\ " />
          <OctetString Value="\ " />
        </Array>
      </Data>
```

* CTI *

```
// CTI: ISK MT381 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 = 101
```

```
  // 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]
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
// The serial number is only for documentation purpose.
SerialNr = 50760891

// 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 = 101

// '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]
  }
}
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
    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 = {
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
AttributeId = 2
SelectiveAccessSelectors = [By_Range,By_Entry]
}
}

InstanceExtraInfo = {
// Set clock to 30/08/2012 14:00:00
LogicalName = '0-0:1.0.0.255'
ClassId = 8
AttributeExtraInfo = {
AttributeId = 2
SetData = '\<Data><OctetString
Value="07DC081EFF0E0000FF8000FF" /></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>'
```

```

120829 IDIS Reg No 0003 FIT for MT381 R2 _Report.txt
+'      </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 PLC MODEM

    // 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 = '\MT381V10_ARM_035000377_M1.bin'
        // Time (in ms) that the iCTT loops reading the
        // image_transfer status waiting for changes
        Timeout = 10000
    }
}

TestOptions = {
}

// Mandatory 'PLCConfig' structure
// *****

```

```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
// 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.

```

```

120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
// 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

```



```

    120829 IDIS Reg No 0003 FIT for MT381 R2_Report.txt
    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:     2E7528F668226F15938A849EB132DD6A
Object Model:            IDIS - object model - V1.24
(20111025)-MBUS Ref 1.xlsx
DUT system title:       49534B6573068CBB
DC MeterId:             ISK6573068CBB
Run number:             117
--

75F4D12D029B1A97EE20244DC44A86B9

```