

\*\*\*\*\*  
\*\*\*\*\*  
IDIS Conformance test report  
15-JUL-2011 11:47:06  
iCTT version 1.0.3  
Licensed to: FIT Cert.  
Tester: igor.dremelj@landisgyr.com  
\*\*\*\*\*  
\*\*\*\*\*

\*\*\*\*\*  
\* Identification \*  
\*\*\*\*\*

```
Manufacturer = {
  Name = '\ITRON Metering Systems'
  ThreeLettersId = '\ACE'
}
DeviceUnderTest = {
  IDISDeviceType = 101
  IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M]
  SerialNr = 21444421
}
```

\*\*\*\*\*  
\* Summary \*  
\*\*\*\*\*

```
PASSED                110
FAILED                0
DISABLED              1554
INAPPLICABLE         0
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="\ACE1010721444421" />
      </Data>
```

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

```
                IDIS Reg No 0001 FIT_Report.txt
                PASSED
                <Data>
                <OctetString Value="\0000000085003492" />
                </Data>

Mngmt Get Clock 0-0:1.0.0.255 (@75)
(36) .time
                PASSED
                <Data>
                <OctetString Value="07DB0B130600002000FFC300" />
                </Data>

Mngmt Get Active firmware version 1-0:0.2.0.255 (@321)
(180) .value
                PASSED
                <Data>
                <OctetString Value="330301010102" />
                </Data>

Mngmt Get Active firmware version signature 1-0:0.2.8.255
(@325)
(182) .value
                PASSED
                <Data>
                <OctetString Value="4784F221" />
                </Data>

Mngmt Get Active firmware version 1 1-1:0.2.0.255 (@329)
(184) .value
                PASSED
                <Data>
                <OctetString Value="330302010100" />
                </Data>

Mngmt Get Active firmware version signature 1 1-1:0.2.8.255
(@333)
(186) .value
                PASSED
                <Data>
                <OctetString Value="F6B03FC4" />
                </Data>

Mngmt Get Active firmware version 2 1-2:0.2.0.255 (@337)
(188) .value
                PASSED
                <Data>
                <OctetString Value="300003000A16" />
                </Data>

Mngmt Get Active firmware version signature 2 1-2:0.2.8.255
(@341)
(190) .value
                PASSED
                <Data>
                <OctetString Value="2A595F0A" />
                </Data>
```

Mngmt Get Active energy import (+A) 1-0:1.8.0.255 (@346)  
(192) .value

PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</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>
```

```
*****
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="0005" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010801FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010802FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020801FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020802FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
Buffer has 6 elements:
  <_Data>
    <Array Qty="0006" >
```

IDIS Reg No 0001 FIT\_Report.txt

```
<Structure Qty="0005" >
  <OctetString Value="07DB0C0501072223008000FF" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB0C0501072436008000FF" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB081204173B00008000FF" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB091207173B00008000FF" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB0A1202173B00008000FF" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB0B1205173B00008000FF" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
</Array>
```

</\_Data>

Earliest date: 18-AUG-2011 23:59:00, latest date:  
05-DEC-2011 07:36:54  
Middle date: 18-SEP-2011 23:59:00

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: 26

<Data>

<DoubleLongUnsigned Value="0000001A" />

</Data>

IDIS Reg No 0001 FIT\_Report.txt  
capture\_objects:

```
<Data>  
  <Array Qty="0006" >  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0008" />  
      <OctetString Value="0000010000FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0001" />  
      <OctetString Value="0000600A02FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100010801FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100010802FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100020801FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100020802FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
  </Array>  
</Data>
```

Buffer has 26 elements:

```
<_Data>  
  <Array Qty="001A" >  
    <Structure Qty="0006" >  
      <OctetString Value="07DB010106000000008000FF" />  
      <Unsigned Value="24" />  
      <DoubleLongUnsigned Value="00000000" />  
      <DoubleLongUnsigned Value="00000000" />  
      <DoubleLongUnsigned Value="00000000" />  
      <DoubleLongUnsigned Value="00000000" />  
    </Structure>  
    <Structure Qty="0006" >  
      <OctetString Value="07DB011F01173B3B008000FF" />  
      <Unsigned Value="24" />  
      <DoubleLongUnsigned Value="00000000" />  
    </Structure>  
  </Array>
```

```

        IDIS Reg No 0001 FIT_Report.txt
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB020102000000008000FF" />
        <Unsigned Value="24" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB021C01173B3B008000FF" />
        <Unsigned Value="24" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB030102000000008000FF" />
        <Unsigned Value="24" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB031F04173B3B008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB040105000000008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB041E06173B3B008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB050107000000008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />

```

```

        IDIS Reg No 0001 FIT_Report.txt
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB0707040E0925008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB0708050E2116008000FF" />
        <Unsigned Value="AC" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB070B010A1316008000FF" />
        <Unsigned Value="AC" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB070C020F2D1B008000FF" />
        <Unsigned Value="AC" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB0C0501063B12008000FF" />
        <Unsigned Value="A4" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB0C0501072436008000FF" />
        <Unsigned Value="A4" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB0C070300062A008000FF" />
        <Unsigned Value="A4" />
        <DoubleLongUnsigned Value="00000000" />

```



```

        IDIS Reg No 0001 FIT_Report.txt
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB070F05090610008000FF" />
        <Unsigned Value="AC" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB071006000000008000FF" />
        <Unsigned Value="AC" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB071107000000008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB071201000000008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB071302000000008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB081204173B00008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB091207173B00008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />

```

```

        IDIS Reg No 0001 FIT_Report.txt
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB0A1202173B00008000FF" />
        <Unsigned Value="2C" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB0B1205173B00008000FF" />
        <Unsigned Value="24" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0006" >
        <OctetString Value="07DB0B1306000000008000FF" />
        <Unsigned Value="24" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
        <DoubleLongUnsigned Value="00000000" />
    </Structure>
</Array>
</_Data>

```

Earliest date: 01-JAN-2011 00:00:00, latest date:  
 07-DEC-2011 00:06:42  
 Middle date: 05-DEC-2011 06:59:18

\*\*\*\*\*  
 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="0004" >

<Structure Qty="0002" >

<OctetString Value="\L" />

<OctetString Value="933A" />

</Structure>

<Structure Qty="0002" >

<OctetString Value="\L" />

<OctetString Value="13" />

</Structure>

```

        IDIS Reg No 0001 FIT_Report.txt
        <Structure Qty="0002" >
          <OctetString Value="00" />
          <OctetString Value="00" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="00" />
          <OctetString Value="00" />
        </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="40000318" />
      </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="11" />
      </Data>
(10) .status
      PASSED
      <Data>
        <Unsigned Value="00" />
      </Data>
(11) .alarm
      PASSED
      <Data>
        <Unsigned Value="00" />
      </Data>

```

```

IDIS Reg No 0001 FIT_Report.txt
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="0004" >
            <Structure Qty="0002" >
                <OctetString Value="\L" />
                <OctetString Value="933A" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="\L" />
                <OctetString Value="13" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="00" />
                <OctetString Value="00" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="00" />
                <OctetString Value="00" />
            </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="40000326" />
    </Data>
(17) .manufacturer_id
    PASSED
    <Data>
        <LongUnsigned Value="19AC" />
    </Data>
(18) .version
    PASSED
    <Data>
        <Unsigned Value="02" />
    </Data>
(19) .device_type
    PASSED
    <Data>

```

```

        IDIS Reg No 0001 FIT_Report.txt
        <Unsigned Value="03" />
    </Data>
(20) .access_number
        PASSED
        <Data>
            <Unsigned Value="12" />
        </Data>
(21) .status
        PASSED
        <Data>
            <Unsigned Value="00" />
        </Data>
(22) .alarm
        PASSED
        <Data>
            <Unsigned Value="00" />
        </Data>

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1527)
(23) .mbus_port_reference
        PASSED
        <Data>
            <OctetString Value="0000180600FF" />
        </Data>
(24) .capture_definition
        PASSED
        <Data>
            <Array Qty="0004" >
                <Structure Qty="0002" >
                    <OctetString Value="\L" />
                    <OctetString Value="933A" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="\L" />
                    <OctetString Value="13" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="00" />
                    <OctetString Value="00" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="00" />
                    <OctetString Value="00" />
                </Structure>
            </Array>
        </Data>
(25) .capture_period
        PASSED
        <Data>
            <DoubleLongUnsigned Value="00000E10" />
        </Data>
(26) .primary_address
        PASSED
        <Data>
            <Unsigned Value="03" />
        </Data>

```

```

IDIS Reg No 0001 FIT_Report.txt
(27) .identification_number
      PASSED
      <Data>
        <DoubleLongUnsigned Value="40000323" />
      </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="11" />
      </Data>
(32) .status
      PASSED
      <Data>
        <Unsigned Value="00" />
      </Data>
(33) .alarm
      PASSED
      <Data>
        <Unsigned Value="00" />
      </Data>

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1549)
(34) .mbus_port_reference
      PASSED
      <Data>
        <OctetString Value="0000180600FF" />
      </Data>
(35) .capture_definition
      PASSED
      <Data>
        <Array Qty="0004" >
          <Structure Qty="0002" >
            <OctetString Value="\L" />
            <OctetString Value="933A" />
          </Structure>
          <Structure Qty="0002" >
            <OctetString Value="\L" />
            <OctetString Value="13" />
          </Structure>
          <Structure Qty="0002" >
            <OctetString Value="00" />
          </Structure>
        </Array>
      </Data>

```

```

        IDIS Reg No 0001 FIT_Report.txt
        <OctetString Value="00" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="00" />
        <OctetString Value="00" />
    </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="40000334" />
    </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="11" />
    </Data>
(43) .status
    PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(44) .alarm
    PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>

```

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1571)

IDIS Reg No 0001 FIT\_Report.txt

```
(45) .value
      PASSED
      <Data>
        <DoubleLongUnsigned Value="0000000E" />
      </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="0000000E" />
      </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>
        <DoubleLongUnsigned Value="0000001B" />
      </Data>
(62) .scaler_unit
      PASSED
      <Data>
        <Structure Qty="0002" >
          <Integer Value="FD" />
          <Enum Value="0D" />
        </Structure>
      </Data>
(63) .status
```



```

                IDIS Reg No 0001 FIT_Report.txt
                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="0000001A" />
                </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="0000002B" />
                </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="00000029" />
                </Data>
(82) .scaler_unit
                PASSED

```

IDIS Reg No 0001 FIT\_Report.txt

```
<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="00000014" />
</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="00000013" />
</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

IDIS Reg No 0001 FIT\_Report.txt  
PASSED

```
<Data>  
  <OctetString Value="\00000544000031811" />  
</Data>
```

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

```
PASSED  
<Data>  
  <OctetString Value="\00000544000032611" />  
</Data>
```

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

```
PASSED  
<Data>  
  <OctetString Value="\00000544000032311" />  
</Data>
```

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

```
PASSED  
<Data>  
  <OctetString Value="\00000544000033411" />  
</Data>
```

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

```
PASSED  
entries_in_use: 19  
<Data>  
  <DoubleLongUnsigned Value="00000013" />  
</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" >
```

```

        IDIS Reg No 0001 FIT_Report.txt
        <LongUnsigned Value="0004" />
        <OctetString Value="0001180202FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
Buffer has 19 elements:
<_Data>
  <Array Qty="0013" >
    <Structure Qty="0004" >
      <OctetString Value="07DB070F050F3B00008000FF" />
      <Unsigned Value="00" />
      <OctetString Value="0000000000000000E" />
      <OctetString Value="0000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB070F05100000008000FF" />
      <Unsigned Value="00" />
      <OctetString Value="0000000000000000E" />
      <OctetString Value="0000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB070F05110000008000FF" />
      <Unsigned Value="00" />
      <OctetString Value="0000000000000000E" />
      <OctetString Value="0000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB070F05120000008000FF" />
      <Unsigned Value="00" />
      <OctetString Value="0000000000000000E" />
      <OctetString Value="0000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB070F05130000008000FF" />
      <Unsigned Value="00" />
      <OctetString Value="0000000000000000E" />
      <OctetString Value="0000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB070F05140000008000FF" />
      <Unsigned Value="00" />
      <OctetString Value="0000000000000000E" />
      <OctetString Value="0000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB070F05173B00008000FF" />
      <Unsigned Value="00" />
      <OctetString Value="0000000000000000E" />
      <OctetString Value="0000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
      <OctetString Value="07DB071006000000008000FF" />
      <Unsigned Value="00" />
      <OctetString Value="0000000000000000E" />

```

```

        IDIS Reg No 0001 FIT_Report.txt
        <OctetString Value="000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB071006173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000000E" />
        <OctetString Value="000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB071107000000008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000000E" />
        <OctetString Value="000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB071107173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000000E" />
        <OctetString Value="000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB071201000000008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000000E" />
        <OctetString Value="000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB071201173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000000E" />
        <OctetString Value="000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB071302000000008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000000E" />
        <OctetString Value="000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB081204173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000000E" />
        <OctetString Value="000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB091207173B01008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000000E" />
        <OctetString Value="000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB0A1202173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000000E" />
        <OctetString Value="000000000000000E" />
    </Structure>

```

```

        IDIS Reg No 0001 FIT_Report.txt
    <Structure Qty="0004" >
        <OctetString Value="07DB0B1205173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="0000000000000000E" />
        <OctetString Value="0000000000000000E" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB0B1306000000008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="0000000000000000E" />
        <OctetString Value="0000000000000000E" />
    </Structure>
</Array>
</_Data>
    Earliest date: 15-JUL-2011 15:59:00, latest date:
19-NOV-2011 00:00:00
    Middle date: 17-JUL-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>
            <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="00000013" />

```

IDIS Reg No 0001 FIT\_Report.txt  
</Data>

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

(121) .buffer

PASSED

entries\_in\_use: 19

<Data>

<DoubleLongUnsigned Value="00000013" />

</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 19 elements:

<\_Data>

<Array Qty="0013" >

<Structure Qty="0004" >

<OctetString Value="07DB070F050F3B00008000FF" />

<Unsigned Value="00" />

<OctetString Value="000000000000001B" />

<OctetString Value="000000000000001A" />

</Structure>

<Structure Qty="0004" >

<OctetString Value="07DB070F05100000008000FF" />

<Unsigned Value="00" />

<OctetString Value="000000000000001B" />

<OctetString Value="000000000000001A" />

</Structure>

<Structure Qty="0004" >

<OctetString Value="07DB070F05110000008000FF" />

```

IDIS Reg No 0001 FIT_Report.txt
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />
  <OctetString Value="0000000000000001A" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB070F05120000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />
  <OctetString Value="0000000000000001A" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB070F05130000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />
  <OctetString Value="0000000000000001A" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB070F05140000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />
  <OctetString Value="0000000000000001A" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB070F05173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />
  <OctetString Value="0000000000000001A" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071006000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />
  <OctetString Value="0000000000000001A" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071006173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />
  <OctetString Value="0000000000000001A" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071107000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />
  <OctetString Value="0000000000000001A" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071107173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />
  <OctetString Value="0000000000000001A" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071201000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000001B" />

```



```

        IDIS Reg No 0001 FIT_Report.txt
        <OctetString Value="000000000000001A" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB071201173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000001B" />
        <OctetString Value="000000000000001A" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB071302000000008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000001B" />
        <OctetString Value="000000000000001A" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB081204173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000001B" />
        <OctetString Value="000000000000001A" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB091207173B01008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000001B" />
        <OctetString Value="000000000000001A" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB0A1202173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000001B" />
        <OctetString Value="000000000000001A" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB0B1205173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000001B" />
        <OctetString Value="000000000000001A" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB0B1306000000008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000001B" />
        <OctetString Value="000000000000001A" />
    </Structure>
</Array>
</_Data>

```

Earliest date: 15-JUL-2011 15:59:00, latest date:  
19-NOV-2011 00:00:00

Middle date: 17-JUL-2011 00:00:00

(122) .capture\_objects  
PASSED

```

<Data>
  <Array Qty="0004" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
    </Structure>
  </Array>

```

```

        IDIS Reg No 0001 FIT_Report.txt
        <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>
(123) .capture_period
        PASSED
    <Data>
        <DoubleLongUnsigned Value="00000E10" />
    </Data>
(124) .entries_in_use
        PASSED
    <Data>
        <DoubleLongUnsigned Value="00000013" />
    </Data>

```

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

```

(125) .buffer
        PASSED
    entries_in_use: 19
    <Data>
        <DoubleLongUnsigned Value="00000013" />
    </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>
        </Array>
    </Data>

```

```

        IDIS Reg No 0001 FIT_Report.txt
    </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 19 elements:
<_Data>
    <Array Qty="0013" >
        <Structure Qty="0004" >
            <OctetString Value="07DB070F050F3B00008000FF" />
            <Unsigned Value="00" />
            <OctetString Value="0000000000000002B" />
            <OctetString Value="00000000000000029" />
        </Structure>
        <Structure Qty="0004" >
            <OctetString Value="07DB070F05100000008000FF" />
            <Unsigned Value="00" />
            <OctetString Value="0000000000000002B" />
            <OctetString Value="00000000000000029" />
        </Structure>
        <Structure Qty="0004" >
            <OctetString Value="07DB070F05110000008000FF" />
            <Unsigned Value="00" />
            <OctetString Value="0000000000000002B" />
            <OctetString Value="00000000000000029" />
        </Structure>
        <Structure Qty="0004" >
            <OctetString Value="07DB070F05120000008000FF" />
            <Unsigned Value="00" />
            <OctetString Value="0000000000000002B" />
            <OctetString Value="00000000000000029" />
        </Structure>
        <Structure Qty="0004" >
            <OctetString Value="07DB070F05130000008000FF" />
            <Unsigned Value="00" />
            <OctetString Value="0000000000000002B" />
            <OctetString Value="00000000000000029" />
        </Structure>
        <Structure Qty="0004" >
            <OctetString Value="07DB070F05140000008000FF" />
            <Unsigned Value="00" />
            <OctetString Value="0000000000000002B" />
            <OctetString Value="00000000000000029" />
        </Structure>
        <Structure Qty="0004" >
            <OctetString Value="07DB070F05173B00008000FF" />

```

```
IDIS Reg No 0001 FIT_Report.txt
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
  <OctetString Value="0000000000000029" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071006000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
  <OctetString Value="0000000000000029" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071006173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
  <OctetString Value="0000000000000029" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071107000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
  <OctetString Value="0000000000000029" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071107173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
  <OctetString Value="0000000000000029" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071201000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
  <OctetString Value="0000000000000029" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071201173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
  <OctetString Value="0000000000000029" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071302000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
  <OctetString Value="0000000000000029" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB081204173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
  <OctetString Value="0000000000000029" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB091207173B01008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="000000000000002B" />
```

```

        IDIS Reg No 0001 FIT_Report.txt
        <OctetString Value="0000000000000029" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB0A1202173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000002B" />
        <OctetString Value="0000000000000029" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB0B1205173B00008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000002B" />
        <OctetString Value="0000000000000029" />
    </Structure>
    <Structure Qty="0004" >
        <OctetString Value="07DB0B1306000000008000FF" />
        <Unsigned Value="00" />
        <OctetString Value="000000000000002B" />
        <OctetString Value="0000000000000029" />
    </Structure>
</Array>
</_Data>
    Earliest date: 15-JUL-2011 15:59:00, latest date:
19-NOV-2011 00:00:00
    Middle date: 17-JUL-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="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

```

IDIS Reg No 0001 FIT\_Report.txt  
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000E10" />
</Data>
(128) .entries_in_use
      PASSED
<Data>
  <DoubleLongUnsigned Value="00000013" />
</Data>
```

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

```
(129) .buffer
      PASSED
entries_in_use: 19
<Data>
  <DoubleLongUnsigned Value="00000013" />
</Data>
capture_objects:
<Data>
  <Array Qty="0004" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0004600A03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180201FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180202FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
Buffer has 19 elements:
<_Data>
  <Array Qty="0013" >
    <Structure Qty="0004" >
      <OctetString Value="07DB070F050F3B00008000FF" />
      <Unsigned Value="00" />
      <OctetString Value="0000000000000014" />
      <OctetString Value="0000000000000013" />
    </Structure>
```

```
IDIS Reg No 0001 FIT_Report.txt
<Structure Qty="0004" >
  <OctetString Value="07DB070F05100000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB070F05110000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB070F05120000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB070F05130000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB070F05140000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB070F05173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071006000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071006173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071107000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071107173B00008000FF" />
```

IDIS Reg No 0001 FIT\_Report.txt

```
<Unsigned Value="00" />
<OctetString Value="0000000000000014" />
<OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071201000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071201173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB071302000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB081204173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB091207173B01008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB0A1202173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB0B1205173B00008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
<Structure Qty="0004" >
  <OctetString Value="07DB0B1306000000008000FF" />
  <Unsigned Value="00" />
  <OctetString Value="0000000000000014" />
  <OctetString Value="0000000000000013" />
</Structure>
</Array>
</_Data>
```

Earliest date: 15-JUL-2011 15:59:00, latest date:  
19-NOV-2011 00:00:00



```

                IDIS Reg No 0001 FIT_Report.txt
Middle date: 17-JUL-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="00000013" />
        </Data>

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1898)
(133) .buffer
        PASSED
        entries_in_use: 13
        <Data>
          <DoubleLongUnsigned Value="0000000D" />
        </Data>
        capture_objects:
        <Data>
          <Array Qty="0002" >
            <Structure Qty="0004" >
              <LongUnsigned Value="0008" />
              <OctetString Value="0000010000FF" />
              <Integer Value="02" />
            </Structure>
          </Array>
        </Data>

```

```

        IDIS Reg No 0001 FIT_Report.txt
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600B03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
Buffer has 13 elements:
<_Data>
    <Array Qty="000D" >
        <Structure Qty="0002" >
            <OctetString Value="07DA0C1F05002322008000FF" />
            <Enum Value="FF" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB050107000105008000FF" />
            <Enum Value="68" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB050107000107008000FF" />
            <Enum Value="68" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB05010700010A008000FF" />
            <Enum Value="68" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB05010700010C008000FF" />
            <Enum Value="68" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB070F05092522008000FF" />
            <Enum Value="FE" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB070F0509272D008000FF" />
            <Enum Value="FE" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB070F05092C06008000FF" />
            <Enum Value="FE" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB070F05092D07008000FF" />
            <Enum Value="FE" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB070F050E0204008000FF" />
            <Enum Value="FE" />
        </Structure>
        <Structure Qty="0002" >
            <OctetString Value="07DB070F050E0214008000FF" />
            <Enum Value="FE" />
        </Structure>
    </Array>
</_Data>

```

```

        IDIS Reg No 0001 FIT_Report.txt
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DB070F050E021C008000FF" />
        <Enum Value="FE" />
    </Structure>
    <Structure Qty="0002" >
        <OctetString Value="07DB070F050E022C008000FF" />
        <Enum Value="FE" />
    </Structure>
</Array>
</_Data>
    Earliest date: 31-DEC-2010 00:35:34, latest date:
15-JUL-2011 14:02:44
    Middle date: 15-JUL-2011 09:39:45
    (134) .entries_in_use
        PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000D" />
    </Data>

```

```

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

```

```

// Conformance Test Information (CTI) Template
// 1.6

```

```

// The CTI has a specified syntax but it's format is free

```

```

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

```

```

Manufacturer = {
    // Keep the leading '\\' to denote a visible-string.
    Name = '\\ITRON Metering Systems'
    // The manufacturer's FLAG id is a part of the DUT system title
    ThreeLettersId = '\\ACE'
}

```

```

// Mandatory 'DeviceUnderTest' structure
// *****

```

```

DeviceUnderTest = {

    // 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 of the DUT is pa part of its syste title.
    SerialNr = 21444421

```

```

}

// Optional 'TestOptions'
TestOptions = {
}

// Mandatory 'ObjectModel' structure
// *****
// It defines the current values of the optional elements of the
// object model.
// These are the optional objects, the optional access rights of
// attributes and/or
// methods. Also, default values for writing attributes can also
// be defined here.

ObjectModel = {

    // Optional objects implemented
    OptionalObjects = '\
        + '1-1:0.2.0.255|1,' // Active firmware version 1 (@329)
        + '1-1:0.2.8.255|1,' // Active firmware version signature 1
        (@333)
        + '1-2:0.2.0.255|1,' // Active firmware version 2 (@337)
        + '1-2:0.2.8.255|1,' // Active firmware version signature 2
        (@341)
        + '1-0:9.8.0.255|3,' // Apparent energy import (+VA) (QI+QIV)
        (@406)
        + '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@515)
        + '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@521)
        + '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@527)
        + '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@533)
        + '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@539)
        + '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@545)
        + '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@551)
        + '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@557)
        + '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@563)
        + '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@569)
        + '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@575)
        + '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@581)
        + '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@587)
        + '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@593)
        + '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@599)
        + '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (@605)
        + '1-0:15.8.1.255|3,' // Active energy Combined total
        (|+A|+|-A|) rate 1 (@659)
        + '1-0:15.8.2.255|3,' // Active energy Combined total
        (|+A|+|-A|) rate 2 (@665)
        + '1-0:15.8.3.255|3,' // Active energy Combined total
        (|+A|+|-A|) rate 3 (@671)
        + '1-0:15.8.4.255|3,' // Active energy Combined total
        (|+A|+|-A|) rate 4 (@677)
        + '1-0:9.4.0.255|5,' // Demand Register 5 - Apparent energy
        import (+VA) (@736)
        + '1-0:9.6.0.255|4,' // Maximum Demand Register 21 - Apparent
        energy import (+VA) (@970)
        + '1-0:9.6.1.255|4,' // Maximum Demand Register 22 - Apparent
    
```

```
energy import (+VA) - rate 1 (@978)
  + '1-0:9.6.2.255|4,' // Maximum Demand Register 23 - Apparent
energy import (+VA) - rate 2 (@986)
  + '1-0:9.6.3.255|4,' // Maximum Demand Register 24 - Apparent
energy import (+VA) - rate 3 (@994)
  + '1-0:9.6.4.255|4' // Maximum Demand Register 25 - Apparent
energy import (+VA) - rate 4 (@1002)
```

```
// An optional list of InstanceExtraInfo can be specified.
Each InstanceExtraInfo is used
// to specify optional elements of instances.
```

```
InstanceExtraInfo = {
  // Current association (@9)
  LogicalName = '0-0:40.0.0.255'
  ClassId = 15
  AttributeExtraInfo = {
    // authentication_mechanism_name
    AttributeId = 6
    AccessRights = [GET,SET]
  }
  AttributeExtraInfo = {
    // secret
    AttributeId = 7
    SetData = '\<Data><OctetString Value = "3132333435363738"
/></Data>'
    AccessRights = [SET]
  }
  MethodExtraInfo = {
    // change_HLS_secret
    MethodId = 2
    AccessRights = [ACTION]
  }
}

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

InstanceExtraInfo = {
  // M-Bus client channel 1 (@1483)
  LogicalName = '0-1:24.1.0.255'
  ClassId = 72
  MethodExtraInfo = {
    // capture
    MethodId = 3
```

```

        IDIS Reg No 0001 FIT_Report.txt
    AccessRights = [ACTION]
    }
}

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

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

InstanceExtraInfo = {
    // M-Bus client channel 4 (@1549)
    LogicalName = '0-4:24.1.0.255'
    ClassId = 72
    MethodExtraInfo = {
        // capture
        MethodId = 3
        AccessRights = [ACTION]
    }
}

}

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

    // After starting a discovery, the tool polls
    // the meters network until it finds the meter specified by
    // 'MeterId'.
    // This polling will last at least the specified time (in ms).
    MeterDiscoveryTimeout = 400000

    // 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 (in ms) after executing the Disconnecter
Control (class 70)
// connect and disconnect actions performed directly or via a
script table.
ConnectDisconnectDelay = 20000

// Mandatory DC system title
// DCSYSTEMTITLE = '4341486300A7D8F7' //'58585A0102030405'
DCSYSTEMTITLE = '4C475A1169000000' //FIT DC

// Mandatory structure for the ImageTransfer
ImageTransfer = {
// Image identifier as passed to the image_transfer_initiate
method
ImageIdentifier =
'4143540D0A54533D31303841323838380D0A414D4D5F4E4C525F434F44450D0A5
2454C330D0A335F50484153450D0A4D49430D0A48573D58582E59592E5A5A0D0A4
C5246573D30312E30322E30300D0A4E4C5246573D30312E30302E30310D0A' //
3ph compresse v 1.0
// 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 =
'\nlr_program_internal_3ph_comp_chk_download.bin'
// Time (in ms) that the iCTT loops reading the image_transfer
status waiting for changes
Timeout = 8000
}
}

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

```

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

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

// Each set contains one structure per client, 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
// The policy determines how the APDU are ciphered. It is NOT the
value of
// the security_policy attribute of the security setup object of
the DUT.
// However, in a ciphered context, only APDU's with a ciphering
'policy' larger or equal to
// the security_policy of the DUT will be accepted.

// Password: if required by the mechanism name.

// StandardSecurityElements
// Mandatory, used for the 'standard' mode (DC via Java API).
// No context name is required since 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 = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
    }
}

```



```

        IDIS Reg No 0001 FIT_Report.txt
    Policy = NO_SECURITY
}

Management = {
    ContextName = LONG_NAMES_WITH_CIPHERING
    MechanismName = HIGH_LEVEL_SECURITY_GMAC
    Policy = AUTHENTICATION_AND_ENCRYPTION
    Password = '\12345678'
}

PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
}
}

// LocalSecurityElements
// Mandatory, used for the 'local' mode.
LocalSecurityElements = {

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

    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING
        MechanismName = HIGH_LEVEL_SECURITY_GMAC
        Policy = NO_SECURITY // AUTHENTICATION_AND_ENCRYPTION
        Password = '\12345678'
        FrameCounterInstance = '\0-1:43.1.0.255'
    }

    PreEstablished = {
        Policy = NO_SECURITY
    }
}

// TunnelSecurityElements
// Mandatory, used for the 'tunnel' mode.
TunnelSecurityElements = {

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

    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING
        MechanismName = HIGH_LEVEL_SECURITY_GMAC
        Policy = AUTHENTICATION_AND_ENCRYPTION
        Password = '\12345678'
    }

    PreEstablished = {

```

```

                                IDIS Reg No 0001 FIT_Report.txt
    Policy = AUTHENTICATION_AND_ENCRYPTION
  }
}

// Parameters of the ''Local'' HDLC Profile
HDLCProfile = {

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

    DataLinkLayer = {
        InactivityTimeout = 30000
        InterFrameTimeout = 50
        ResponseTimeout = 2000
        DISCToNDMTimeout = 2000
        AddressingSchemes = [ONE_BYTE_ADDRESSING] //
TWO_BYTES_ADDRESSING, FOUR_BYTES_ADDRESSING
        // For TWO and FOUR bytes addressing schemes, we have to
specify also a ServerLowerMACAddress
        //ServerLowerMACAddress = 0x11
    }
}

// END CTI_Template

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

TestMode:                Tunnel
Test Plan Signature:     EDFED02FFC769F9B6A7FB812E1AF56E9
Object Model:           IDIS - object model - V1.23A
(20110715)-FOR MBUS TESTS ONLY.xlsx
DUT system title:       4143456571473745
DC MeterId:             ACE6571473745
Run number:             7
--

D5728085A307A385E9E9B57970147B15

```