

IDIS 0006: Elster AS220 FIT_Report

IDIS Conformance test report Elster AS 220 - AM500

14-DEC-2011 11:52:23

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

Licensed to: L+G

Tester: igor.dremelj@landisgyr.com

* Identification *

```
Manufacturer = {
  Name = '\Elster GmbH'
  ThreeLettersId = '\ELS'
}
DeviceUnderTest = {
  IDISDeviceType = 100
  IDISFunctionType = [EXTENSION_D]
  SerialNr = 35061671
}
```

* Summary *

PASSED	100
FAILED	0
DISABLED	0
INAPPLICABLE	8
INCONCLUSIVE	4
FATAL	0
TOTAL	112

Test Case 1 : Discovery, 1 item(s)

(1) Meter Discovery

PASSED

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

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

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

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

- | | |
|--|--------|
| (1) .logical_name
<Data>
<OctetString Value="00001A0000FF" />
</Data> | PASSED |
| (2) .initiator_electrical_phase
<Data>
<Enum Value="00" />
</Data> | PASSED |
| (3) .delta_electrical_phase
<Data>
<Enum Value="04" />
</Data> | PASSED |
| (4) .max_receiving_gain
<Data>
<Unsigned Value="2A" />
</Data> | PASSED |
| (5) .max_transmitting_gain
<Data>
<Unsigned Value="00" />
</Data> | PASSED |
| (6) .search_initiator_gain
<Data>
<Unsigned Value="56" />
</Data> | PASSED |
| (7) .frequencies
<Data>
<Structure Qty="0002" > | PASSED |

```

        <DoubleLongUnsigned Value="0000F744" />
        <DoubleLongUnsigned Value="00012110" />
    </Structure>
</Data>
(8) .mac_address PASSED
    <Data>
        <LongUnsigned Value="0011" />
    </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="01" />
    </Data>
(12) .min_delta_credit PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(13) .initiator_mac_address PASSED
    <Data>
        <LongUnsigned Value="0C00" />
    </Data>
(14) .synchronization_locked PASSED
    <Data>
        <Bool Value="01" />
    </Data>
(15) .transmission_speed PASSED
    <Data>

```

```

    <Enum Value="03" />
  </Data>

Mngmt Get S-FSK Active Initiator 0-0:26.1.0.255 (@1950)
(16) .logical_name PASSED
    <Data>
      <OctetString Value="00001A0100FF" />
    </Data>
(17) .active_initiator PASSED
    <Data>
      <Structure Qty="0003" >
        <OctetString Value="4C475A1169000000" />
        <LongUnsigned Value="0C00" />
        <Unsigned Value="01" />
      </Structure>
    </Data>

Mngmt Get S-FSK MAC synchronisation timeouts 0-0:26.2.0.255 (@1955)
(18) .logical_name PASSED
    <Data>
      <OctetString Value="00001A0200FF" />
    </Data>
(19) .search_initiator_timeout PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(20) .synchronization_confirmation_timeout PASSED
    <Data>
      <LongUnsigned Value="0005" />
    </Data>
(21) .timeout_not_addressed PASSED
    <Data>
      <LongUnsigned Value="0168" />
    </Data>
(22) .timeout_frame_not_OK PASSED
    <Data>
      <LongUnsigned Value="001E" />
    </Data>

Mngmt Get S-FSK MAC counters 0-0:26.3.0.255 (@1962)

```

- (23) .logical_name PASSED
<Data>
 <OctetString Value="00001A0300FF" />
</Data>
- (24) .synchronization_register PASSED
<Data>
 <Array Qty="0001" >
 <Structure Qty="0002" >
 <LongUnsigned Value="0C00" />
 <DoubleLongUnsigned Value="0000000A" />
 </Structure>
 </Array>
</Data>
- (25) .desynchronization_listing PASSED
<Data>
 <Structure Qty="0005" >
 <DoubleLongUnsigned Value="00000000" />
 <DoubleLongUnsigned Value="00000000" />
 <DoubleLongUnsigned Value="00000009" />
 <DoubleLongUnsigned Value="00000000" />
 <DoubleLongUnsigned Value="00000000" />
 </Structure>
</Data>
- (26) .broadcast_frames_counter PASSED
<Data>
 <Array Qty="0002" >
 <Structure Qty="0002" >
 <LongUnsigned Value="0C00" />
 <DoubleLongUnsigned Value="00000025" />
 </Structure>
 <Structure Qty="0002" >
 <LongUnsigned Value="0FFE" />
 <DoubleLongUnsigned Value="00000002" />
 </Structure>
 </Array>
</Data>
- (27) .repetitions_counter PASSED
<Data>
 <DoubleLongUnsigned Value="00000059" />
</Data>

```

(28) .transmissions_counter                                     PASSED
      <Data>
        <DoubleLongUnsigned Value="0000002B" />
      </Data>
(29) .CRC_OK_frames_counter                                    PASSED
      <Data>
        <DoubleLongUnsigned Value="00000540" />
      </Data>
(30) .CRC_NOK_frames_counter                                    PASSED
      <Data>
        <DoubleLongUnsigned Value="00000000" />
      </Data>

Mngmt Get S-FSK IEC 61334-4-32 LLC Setup 0-0:26.5.0.255 (@1973)
(31) .logical_name                                           PASSED
      <Data>
        <OctetString Value="00001A0500FF" />
      </Data>
(32) .max_frame_length                                        PASSED
      <Data>
        <Unsigned Value="F2" />
      </Data>
(33) .reply_status_list                                       PASSED
      <Data>
        <Array Qty="0001" >
          <Structure Qty="0002" >
            <Unsigned Value="00" />
            <Unsigned Value="07" />
          </Structure>
        </Array>
      </Data>

Mngmt Get S-FSK Reporting system list 0-0:26.6.0.255 (@1978)
(34) .logical_name
INAPPLICABLE
      Optional object is not implemented
(35) .reporting_system_list
INAPPLICABLE
      Optional object is not implemented

```

Test Case 4 : Read Device ID's, 12 item(s)

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

(1) .logical_name PASSED
 <Data>
 <OctetString Value="0000600100FF" />
 </Data>

(2) .value PASSED
 <Data>
 <OctetString Value="\35061671" />
 </Data>

Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)

(3) .logical_name PASSED
 <Data>
 <OctetString Value="0000600101FF" />
 </Data>

(4) .value PASSED
 <Data>
 <OctetString Value="\ " />
 </Data>

Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)

(5) .logical_name PASSED
 <Data>
 <OctetString Value="0000600102FF" />
 </Data>

(6) .value PASSED
 <Data>
 <OctetString Value="\ " />
 </Data>

Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)

(7) .logical_name PASSED
 <Data>
 <OctetString Value="0000600103FF" />
 </Data>

(8) .value PASSED

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

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)
(9) .logical_name PASSED
  <Data>
    <OctetString Value="0000600104FF" />
  </Data>
(10) .value PASSED
  <Data>
    <OctetString Value="\ " />
  </Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)
(11) .logical_name PASSED
  <Data>
    <OctetString Value="0000600105FF" />
  </Data>
(12) .value PASSED
  <Data>
    <OctetString Value="\ " />
  </Data>
```

Test Case 5 : Read SAP Assignment, 2 item(s)

```
Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)
(1) .logical_name PASSED
  <Data>
    <OctetString Value="0000290000FF" />
  </Data>
(2) .SAP_assignment_list PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0002" >
        <LongUnsigned Value="0001" />
        <OctetString Value="\ELS1000135061671" />
      </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="\ELS1000135061671" />
</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="\V010822.00" />
</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="A1FA" />
</Data>

```
Mngmt Get Active firmware version 1 1-1:0.2.0.255 (@329)
(5) .logical_name PASSED
    <Data>
      <OctetString Value="0101000200FF" />
    </Data>
(6) .value PASSED
    <Data>
      <OctetString Value="\V010101.02" />
    </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="66AEBD8E" />
    </Data>

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

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

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

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

(1) .time

PASSED

<Data>

<OctetString Value="07DC0101FF071D34FF8000FF" />

</Data>

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

Mngmt Get Clock 0-0:1.0.0.255 (@75)

(1) .time

PASSED

<Data>

<OctetString Value="07DC010107071D3600FFC400" />

</Data>

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

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

(1) .entries

PASSED

<Data>

<Array Qty="001E" >

<Structure Qty="0003" >

<LongUnsigned Value="0001" />

<OctetString Value="FFFF0101FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0001" />

<OctetString Value="FFFF0102FF" />

<Unsigned Value="02" />

</Structure>

<Structure Qty="0003" >

<LongUnsigned Value="0001" />

<OctetString Value="FFFF0103FF" />

<Unsigned Value="02" />

</Structure>

```
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0104FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0105FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0106FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0108FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
```

```
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
```

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

```

<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>

```

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

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

PASSED

```

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

```

```
</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>  
<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  
INCONCLUSIVE  
  entries_in_use: 0  
  <Data>  
    <DoubleLongUnsigned Value="00000000" />  
  </Data>  
Too few buffer entries (0), required 5
```

```
Mngmt Get Standard Event Log 0-0:99.98.0.255 (@261)  
(2) .buffer  
INCONCLUSIVE  
  entries_in_use: 0  
  <Data>  
    <DoubleLongUnsigned Value="00000000" />  
  </Data>  
Too few buffer entries (0), required 5
```

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@276)
(3) .buffer
INCONCLUSIVE
 entries_in_use: 1
 <Data>
 <DoubleLongUnsigned Value="00000001" />
 </Data>
 Too few buffer entries (1), required 5

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1249)
(4) .buffer
INCONCLUSIVE
 entries_in_use: 0
 <Data>
 <DoubleLongUnsigned Value="00000000" />
 </Data>
 Too few buffer entries (0), required 5

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

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@146)
(1) .buffer
 entries_in_use: 12
 <Data>
 <DoubleLongUnsigned Value="0000000C" />
 </Data>
 capture_objects:
 <Data>
 <Array Qty="0005" >
 <Structure Qty="0004" >
 <LongUnsigned Value="0008" />
 <OctetString Value="0000010000FF" />
 <Integer Value="02" />
 <LongUnsigned Value="0000" />
 </Structure>
 <Structure Qty="0004" >
 <LongUnsigned Value="0003" />

PASSED

```

    <OctetString Value="0100010801FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100010802FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100020801FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100020802FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>
Buffer has 12 elements:
<_Data>
  <Array Qty="000C" >
    <Structure Qty="0005" >
      <OctetString Value="07DB010106002D0400FFC400" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
    <Structure Qty="0005" >
      <OctetString Value="07DB010106002D0600FFC400" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
  </Array>

```

```

</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB010106002D0800FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB010106002D0900FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB010106002D0B00FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB010106002D0D00FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB010106002D0F00FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB010106002D1000FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />

```

```
<DoubleLongUnsigned Value="00000000" />
<DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB010106002D1200FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB010106002D1400FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DB0C0D0210101500FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
<Structure Qty="0005" >
  <OctetString Value="07DC010107071D3400FFC400" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
  <DoubleLongUnsigned Value="00000000" />
</Structure>
</Array>
</_Data>
```

Earliest date: 01-JAN-2011 00:45:04, latest date: 01-JAN-2012 07:29:52
Middle date: 01-JAN-2011 00:45:15

```
*****
Test Case 14 : Re-read S-FSK, 35 item(s)
*****
```

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

- | | |
|---|--------|
| (1) .logical_name | PASSED |
| <Data> | |
| <OctetString Value="00001A0000FF" /> | |
| </Data> | |
| (2) .initiator_electrical_phase | PASSED |
| <Data> | |
| <Enum Value="00" /> | |
| </Data> | |
| (3) .delta_electrical_phase | PASSED |
| <Data> | |
| <Enum Value="04" /> | |
| </Data> | |
| (4) .max_receiving_gain | PASSED |
| <Data> | |
| <Unsigned Value="2A" /> | |
| </Data> | |
| (5) .max_transmitting_gain | PASSED |
| <Data> | |
| <Unsigned Value="00" /> | |
| </Data> | |
| (6) .search_initiator_gain | PASSED |
| <Data> | |
| <Unsigned Value="56" /> | |
| </Data> | |
| (7) .frequencies | PASSED |
| <Data> | |
| <Structure Qty="0002" > | |
| <DoubleLongUnsigned Value="0000F744" /> | |
| <DoubleLongUnsigned Value="00012110" /> | |
| </Structure> | |
| </Data> | |
| (8) .mac_address | PASSED |
| <Data> | |
| <LongUnsigned Value="0011" /> | |
| </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="01" />
    </Data>
(12) .min_delta_credit                            PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(13) .initiator_mac_address                       PASSED
    <Data>
        <LongUnsigned Value="0C00" />
    </Data>
(14) .synchronization_locked                     PASSED
    <Data>
        <Bool Value="01" />
    </Data>
(15) .transmission_speed                          PASSED
    <Data>
        <Enum Value="03" />
    </Data>

Mngmt Get S-FSK Active Initiator 0-0:26.1.0.255 (@1950)
(16) .logical_name                                PASSED
    <Data>
        <OctetString Value="00001A0100FF" />
    </Data>
(17) .active_initiator                            PASSED
    <Data>
        <Structure Qty="0003" >
            <OctetString Value="4C475A1169000000" />

```

```

    <LongUnsigned Value="0C00" />
    <Unsigned Value="01" />
  </Structure>
</Data>

```

```

Mngmt Get S-FSK MAC synchronisation timeouts 0-0:26.2.0.255 (@1955)
(18) .logical_name PASSED
    <Data>
      <OctetString Value="00001A0200FF" />
    </Data>
(19) .search_initiator_timeout PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(20) .synchronization_confirmation_timeout PASSED
    <Data>
      <LongUnsigned Value="0005" />
    </Data>
(21) .timeout_not_addressed PASSED
    <Data>
      <LongUnsigned Value="0168" />
    </Data>
(22) .timeout_frame_not_OK PASSED
    <Data>
      <LongUnsigned Value="001E" />
    </Data>

Mngmt Get S-FSK MAC counters 0-0:26.3.0.255 (@1962)
(23) .logical_name PASSED
    <Data>
      <OctetString Value="00001A0300FF" />
    </Data>
(24) .synchronization_register PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0002" >
          <LongUnsigned Value="0C00" />
          <DoubleLongUnsigned Value="0000000A" />
        </Structure>
      </Array>

```

```

</Data>
(25) .desynchronization_listing PASSED
<Data>
  <Structure Qty="0005" >
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000009" />
    <DoubleLongUnsigned Value="00000000" />
    <DoubleLongUnsigned Value="00000000" />
  </Structure>
</Data>
(26) .broadcast_frames_counter PASSED
<Data>
  <Array Qty="0002" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0C00" />
      <DoubleLongUnsigned Value="0000002B" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0FFE" />
      <DoubleLongUnsigned Value="00000002" />
    </Structure>
  </Array>
</Data>
(27) .repetitions_counter PASSED
<Data>
  <DoubleLongUnsigned Value="0000006D" />
</Data>
(28) .transmissions_counter PASSED
<Data>
  <DoubleLongUnsigned Value="0000007B" />
</Data>
(29) .CRC_OK_frames_counter PASSED
<Data>
  <DoubleLongUnsigned Value="0000064A" />
</Data>
(30) .CRC_NOK_frames_counter PASSED
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>

```

Mngmt Get S-FSK IEC 61334-4-32 LLC Setup 0-0:26.5.0.255 (@1973)

```
(31) .logical_name                                     PASSED
      <Data>
        <OctetString Value="00001A0500FF" />
      </Data>
(32) .max_frame_length                                 PASSED
      <Data>
        <Unsigned Value="F2" />
      </Data>
(33) .reply_status_list                               PASSED
      <Data>
        <Array Qty="0001" >
          <Structure Qty="0002" >
            <Unsigned Value="00" />
            <Unsigned Value="07" />
          </Structure>
        </Array>
      </Data>
```

Mngmt Get S-FSK Reporting system list 0-0:26.6.0.255 (@1978)

```
(34) .logical_name
INAPPLICABLE
      Optional object is not implemented
(35) .reporting_system_list
INAPPLICABLE
      Optional object is not implemented
```

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

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

```
Manufacturer = {
  Name = '\Elster GmbH'
  ThreeLettersId = '\ELS'
}
```

```

DeviceUnderTest = {
  IDISDeviceType = 100
  IDISFunctionType = [Extension_D]
  SerialNr = 35061671
}

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)
+ '1-0:5.8.1.255|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)

InstanceExtraInfo = {
  // Activity Calendar (@100)
  LogicalName = '0-0:13.0.0.255'
  ClassId = 20
  MethodExtraInfo = {
    // activate_passive_calendar
    MethodId = 1
    AccessRights = [ACTION]
  }
}

```

```
InstanceExtraInfo = {
  // Predefined Scripts - MDI reset / end of billing period (@135)
  LogicalName = '0-0:10.0.1.255'
  ClassId = 9
  AttributeExtraInfo = {
    // scripts
    AttributeId = 2
    AccessRights = [GET]
  }
}

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

InstanceExtraInfo = {
  // Predefined Scripts - Image activation (@316)
  LogicalName = '0-0:10.0.107.255'
  ClassId = 9
  AttributeExtraInfo = {
    // scripts
    AttributeId = 2
    AccessRights = [GET]
  }
}

InstanceExtraInfo = {
  // S-FSK MAC counters (@1962)
  LogicalName = '0-0:26.3.0.255'
  ClassId = 53
  MethodExtraInfo = {
    // reset
```

```

        MethodId = 1
        AccessRights = [ACTION]
    }
}

```

```

InstanceExtraInfo = {
    // Set value for Consumer Message Text
    LogicalName = '0-0:96.13.0.255'
    ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
}

```

```

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

```

```

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

```

```
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0001" />'
+ '   <OctetString Value="FFFF0102FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0001" />'
+ '   <OctetString Value="FFFF0103FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0001" />'
+ '   <OctetString Value="FFFF0104FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0001" />'
+ '   <OctetString Value="FFFF0105FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0001" />'
+ '   <OctetString Value="FFFF0106FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0001" />'
+ '   <OctetString Value="FFFF0107FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0001" />'
+ '   <OctetString Value="FFFF0108FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0001" />'
+ '   <OctetString Value="FFFF0109FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
```



```
+ ' </Structure>'
+ ' <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>'
+ ' <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>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0306FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0307FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0308FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF0309FF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned Value="0001" />'
+ '        <OctetString Value="FFFF030AFF" />'
+ '        <Unsigned Value="02" />'
+ '      </Structure>'
+ '    </Array>'
+ '  </Data>'
}
}
}

```

```

TestParameters = {
  MeterDiscoveryTimeout = 240000
  DefaultAccessTimeout = 240000
  DefaultPriority = 5
  ConnectDisconnectDelay = 4000
}

```

```
// DCSYSTEMTITLE = '4C475A4954000002' //KEMA PLC MODEM
DCSYSTEMTITLE = '4C475A1169000000' //FIT PLC MODEM
```

```
ImageTransfer = {
  ImageIdentifier = '\\AM50001.01.01.00-00000'
  ImageFileName = '\\FW_AM50001.01.01.00-00000_meter.bin'
  Timeout = 120000
}
}
```

```
TestOptions = {
}
```

```
PLCConfig = {
  AddrMAC = 0xC00
  TimeoutNotAddr = 360
  MaxSubFrames = 7
  TimeUpdatePeriod = 0
  BkgTaskEnabled = 1
  BkgMinDelay = 60
  DiscoverTimeSlots = 20
  ResponseProbability = 100
  MaxCredit = 2
  DiscoverPeriod = 0
  TransmissionGain = 0
  ReceptionGain = 8
  BaudRate = 1
  InputFrequency = 0
  NbComOkDecrCredit = 3
  DecrCredit = 1
  IncrCredit = 2
  MaxRetry = 1
  RepeaterCallEnabled = 0
  RepeaterCallLevel = 1000
  NewBcplTSlotCount = 10
  AlarmMngtEnabled = 0
  AlarmMngtDelay = 0
  AutoDiscoveryPriority = 2
  FCTxValue = 0
}
```

```
StandardSecurityElements = {  
    Public = {  
        MechanismName = LOWEST_LEVEL_SECURITY  
        Policy = NO_SECURITY  
    }  
  
    Management = {  
        MechanismName = LOW_LEVEL_SECURITY  
        Policy = NO_SECURITY  
        Password = '\12345678'  
    }  
  
    PreEstablished = {  
        Policy = NO_SECURITY  
    }  
}  
  
LocalSecurityElements = {  
  
    Public = {  
        ContextName = LONG_NAMES  
        MechanismName = LOWEST_LEVEL_SECURITY  
        Policy = NO_SECURITY  
    }  
  
    Management = {  
        ContextName = LONG_NAMES_WITH_CIPHERING  
        MechanismName = HIGH_LEVEL_SECURITY_GMAC  
        Policy = AUTHENTICATION_AND_ENCRYPTION  
        Password = '\12345678'  
    }  
  
    PreEstablished = {  
        Policy = AUTHENTICATION_AND_ENCRYPTION  
    }  
}  
  
TunnelSecurityElements = {
```

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

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

PreEstablished = {
  Policy = AUTHENTICATION_AND_ENCRYPTION
}
}

HDLCTProfile = {

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

  DataLinkLayer = {
    InactivityTimeout = 120000
    InterFrameTimeout = 50
    ResponseTimeout = 2000
    ServerLowerMacAddress = 0x11
    DISCToNDMTimeout = 0
    AddressingSchemes = [ONE_BYTE_ADDRESSING, TWO_BYTES_ADDRESSING, FOUR_BYTES_ADDRESSING]
  }
}

*****
* Miscellaneous *
```

TestMode: Tunnel
Test Plan Signature: ACBE65E259026FF3DBCA3984316262A1
Object Model: IDIS - object model - V1.24 (20111025).xlsx
DUT system title: 454C53641216FFA7
DC MeterId: ELS641216FFA7
Run number: 89

--

4D8918345198E212A603925939265298