

```

3 10:39:56.609 MESSAGE [ 1 ] IEC 104
RTI 192.168.178.11 : 1623 > 192.168.178.11 : 2404 ESTABLISHED

3 10:39:56.687 TRANSMIT TDB number : 490 [ 2 ] IEC 104
192.168.178.11 : 2404 S T A R T D T activate

3 10:39:56.734 RECEIVE [ 1 ] IEC 104
192.168.178.11 : 2404 S T A R T D T confirm

3 10:40:00.734 RECEIVE [ 2 ] IEC 104
M_EI_NA_1 ( 70) initialized
SSN 0 RSN 0
asduAddr 35585 SQ 0 T 0 P/N 0 COT 04 ORG 000
object 001
IOAddr ..... 0
cause of init 0 0

3 10:40:01.765 TRANSMIT TDB number : 680 [ 3 ] IEC 104
C_CS_NA_1 (103) activation
SSN 0 RSN 1
asduAddr 35585 SQ 0 T 0 P/N 0 COT 06 ORG 001
object 001
IOAddr ..... 0
IV 0 SU 0 DOW 0 28.09.10 10:40:01.765

3 10:40:01.812 RECEIVE [ 3 ] IEC 104
C_CS_NA_1 (103) CFRM activation
SSN 1 RSN 1
asduAddr 35585 SQ 0 T 0 P/N 0 COT 07 ORG 001
object 001
IOAddr ..... 0
IV 0 SU 0 DOW 0 28.09.10 10:40:01.781

3 10:40:03.781 TRANSMIT TDB number : 720 [ 4 ] IEC 104
C_IC_NA_1 (100) activation
SSN 1 RSN 2
asduAddr 35585 SQ 0 T 0 P/N 0 COT 06 ORG 001
object 001
IOAddr ..... 0
interrogation 20

3 10:40:03.828 RECEIVE [ 4 ] IEC 104
C_IC_NA_1 (100) CFRM activation
SSN 2 RSN 2
asduAddr 35585 SQ 0 T 0 P/N 0 COT 07 ORG 001
object 001
IOAddr ..... 0
interrogation 20

3 10:40:05.453 RECEIVE [ 5 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 3 RSN 2
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N ORTSBETRIEB GM OFF EL_O_042 StatusML
IOAddr ..... 6559082
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:05.515 RECEIVE [ 6 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 4 RSN 2
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N FM-RAUM AUTF EL_F_032 StatusML
IOAddr ..... 6558332
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:05.578 RECEIVE [ 7 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 5 RSN 2
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N BMZ ANLAGE STOE EL_B_095 StatusML
IOAddr ..... 6558578
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:05.640 RECEIVE [ 8 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 6 RSN 2
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N BRANDALARM EL_B_098 StatusML
IOAddr ..... 6558577
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:05.703 RECEIVE [ 9 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 7 RSN 2
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N TOR OFFEN EL_T_061 StatusML
IOAddr ..... 6558575
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:05.765 RECEIVE [ 10 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 8 RSN 2
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N US-TESTBEFEHL EL_U_079 StatusML
IOAddr ..... 6559079

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IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:05.828 RECEIVE [ 11 ] IEC 104

M\_ME\_NC\_1 ( 13) interrog. GI  
 SSN 9 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 35585 PHI ( KL 326) PHI MvMoment  
 IOAddr ..... 6488278  
 MVAL +0.000000 IV 0 NT 0 SB 0 BL 0 000 OV 0

3 10:40:05.828 TRANSMIT TDB number : 495 [ 5 ] IEC 104

192.168.178.11 : 2404 A C K R S N SSN 0 RSN 10

3 10:40:05.875 RECEIVE [ 12 ] IEC 104

M\_SP\_NA\_1 ( 1) interrog. GI  
 SSN 10 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 35585 SCHUTZ STOE EL\_S\_045 StatusML  
 IOAddr ..... 6558320  
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:05.937 RECEIVE [ 13 ] IEC 104

M\_SP\_NA\_1 ( 1) interrog. GI  
 SSN 11 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 35585 LT<->SYN-GERAET STOE EL\_L\_085 StatusML  
 IOAddr ..... 6488313  
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:06.000 RECEIVE [ 14 ] IEC 104

M\_SP\_NA\_1 ( 1) interrog. GI  
 SSN 12 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 35585 SYNCHRO. AUTF EL\_S\_273 StatusML  
 IOAddr ..... 13044327  
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:06.062 RECEIVE [ 15 ] IEC 104

M\_SP\_NA\_1 ( 1) interrog. GI  
 SSN 13 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 35585 SYNCHRONISIERUG STOE EL\_S\_279 StatusML  
 IOAddr ..... 6488103  
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:06.125 RECEIVE [ 16 ] IEC 104

M\_SP\_NA\_1 ( 1) interrog. GI  
 SSN 14 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 35585 SYNCHR. HAND EL\_S\_267 StatusML  
 IOAddr ..... 13044325  
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:06.187 RECEIVE [ 17 ] IEC 104

M\_SP\_NA\_1 ( 1) interrog. GI  
 SSN 15 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 35585 SYNCHR. AUTO EL\_S\_266 StatusML  
 IOAddr ..... 13044326  
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:40:06.250 RECEIVE [ 18 ] IEC 104

M\_ME\_NC\_1 ( 13) interrog. GI  
 SSN 16 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 180/1B P ( KL 326) P MvMoment  
 IOAddr ..... 458960  
 MVAL +0.000000 IV 0 NT 0 SB 0 BL 0 000 OV 0

3 10:40:06.312 RECEIVE [ 19 ] IEC 104

M\_ME\_NC\_1 ( 13) interrog. GI  
 SSN 17 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 180/1B Q ( KL 326) Q MvMoment  
 IOAddr ..... 458961  
 MVAL +0.000000 IV 0 NT 0 SB 0 BL 0 000 OV 0

3 10:40:06.312 TRANSMIT TDB number : 495 [ 6 ] IEC 104

192.168.178.11 : 2404 A C K R S N SSN 0 RSN 18

3 10:40:08.406 RECEIVE [ 20 ] IEC 104

M\_DP\_NA\_1 ( 3) interrog. GI  
 SSN 18 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001  
 UW\_OAL\_N 110 KV 180/1B SSTS 1 SSTR1 Status  
 IOAddr ..... 7013221  
 IV 0 NT 0 SB 0 BL 0 00 DPI OFF

3 10:40:08.468 RECEIVE [ 21 ] IEC 104

C\_IC\_NA\_1 (100) TERM activation  
 SSN 19 RSN 2  
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 10 ORG 001  
 object 001  
 IOAddr ..... 0  
 interrogation 20

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3 10:40:18.500 TRANSMIT TDB number : 495 [ 7 ] IEC 104
192.168.178.11 : 2404 A C K R S N SSN 0 RSN 20

3 10:40:25.046 TRANSMIT TDB number : 564 [ 8 ] IEC 104
C_DC_NA_1 ( 46) activation
SSN 2 RSN 20
asduAddr 35585 SQ 0 T 0 P/N 0 COT 06 ORG 001
UW OAL_N 110 KV 180/1B SSTS 1 SSTR1 Status
IOAddr ..... 7013121
DCO S/E 0 QU 2 DCS ON

3 10:40:25.093 RECEIVE [ 22 ] IEC 104
C_DC_NA_1 ( 46) CFRM activation
SSN 20 RSN 3
asduAddr 35585 SQ 0 T 0 P/N 0 COT 07 ORG 001
UW OAL_N 110 KV 180/1B SSTS 1 SSTR1 Status
IOAddr ..... 7013121
DCO S/E 0 QU 2 DCS ON

3 10:40:25.156 RECEIVE [ 23 ] IEC 104
M_DP_TB_1 ( 31) spontaneous
SSN 21 RSN 3
asduAddr 35585 SQ 0 T 0 P/N 0 COT 03 ORG 001
UW OAL_N 110 KV 180/1B SSTS 1 SSTR1 Status
IOAddr ..... 7013221
IV 0 NT 0 SB 0 BL 0 00 DPI ON
IV 0 SU 0 DoW 0 28.09.10 10:40:25.140

3 10:40:27.281 RECEIVE [ 24 ] IEC 104
C_DC_NA_1 ( 46) TERM activation
SSN 22 RSN 3
asduAddr 35585 SQ 0 T 0 P/N 0 COT 10 ORG 001
UW OAL_N 110 KV 180/1B SSTS 1 SSTR1 Status
IOAddr ..... 7013121
DCO S/E 0 QU 2 DCS ON

3 10:40:37.328 TRANSMIT TDB number : 495 [ 9 ] IEC 104
192.168.178.11 : 2404 A C K R S N SSN 0 RSN 23

3 10:40:44.234 TRANSMIT TDB number : 566 [ 10 ] IEC 104
C_SC_NA_1 ( 45) activation
SSN 3 RSN 23
asduAddr 35585 SQ 0 T 0 P/N 0 COT 06 ORG 001
UW OAL_N 110 KV 180/1B SYNCHR. HAND EL_S_267 StatusML
IOAddr ..... 13044225
SCO S/E 0 QU 1 0 SCS ON

3 10:40:44.296 RECEIVE [ 25 ] IEC 104
C_SC_NA_1 ( 45) CFRM activation
SSN 23 RSN 4
asduAddr 35585 SQ 0 T 0 P/N 0 COT 07 ORG 001
UW OAL_N 110 KV 180/1B SYNCHR. HAND EL_S_267 StatusML
IOAddr ..... 13044225
SCO S/E 0 QU 1 0 SCS ON

3 10:40:44.375 RECEIVE [ 26 ] IEC 104
M_SP_TB_1 ( 30) spontaneous
SSN 24 RSN 4
asduAddr 35585 SQ 0 T 0 P/N 0 COT 03 ORG 001
UW OAL_N 110 KV 180/1B SYNCHR. HAND EL_S_267 StatusML
IOAddr ..... 13044325
IV 0 NT 0 SB 0 BL 0 000 SPI ON
IV 0 SU 0 DoW 0 28.09.10 10:40:44.359

3 10:40:46.500 RECEIVE [ 27 ] IEC 104
C_SC_NA_1 ( 45) TERM activation
SSN 25 RSN 4
asduAddr 35585 SQ 0 T 0 P/N 0 COT 10 ORG 001
UW OAL_N 110 KV 180/1B SYNCHR. HAND EL_S_267 StatusML
IOAddr ..... 13044225
SCO S/E 0 QU 1 0 SCS ON

3 10:40:56.531 TRANSMIT TDB number : 495 [ 11 ] IEC 104
192.168.178.11 : 2404 A C K R S N SSN 0 RSN 26

3 10:41:06.531 TRANSMIT TDB number : 492 [ 12 ] IEC 104
192.168.178.11 : 2404 T E S T F R activate

3 10:41:06.578 RECEIVE [ 28 ] IEC 104
192.168.178.11 : 2404 T E S T F R confirm

3 10:41:14.625 RECEIVE [ 29 ] IEC 104
M_ME_TF_1 ( 36) spontaneous
SSN 26 RSN 4
asduAddr 35585 SQ 0 T 0 P/N 0 COT 03 ORG 001
UW OAL_N 110 KV 180/1B Q ( KL 326) Q MvMoment
IOAddr ..... 458961
MVAL +50.000000 IV 0 NT 0 SB 0 BL 0 000 OV 0
IV 0 SU 0 DoW 0 28.09.10 10:41:14.609

3 10:41:20.312 RECEIVE [ 30 ] IEC 104
M_ME_TF_1 ( 36) spontaneous
SSN 27 RSN 4
asduAddr 35585 SQ 0 T 0 P/N 0 COT 03 ORG 001

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UW OAL_N 110 KV 180/1B Q ( KL 326) Q MvMoment
IOAddr ..... 458961
MVAL +100.000000 IV 0 NT 0 SB 0 BL 0 000 OV 0
IV 0 SU 0 Dow 0 28.09.10 10:41:20.296

3 10:41:23.562 RECEIVE [ 31 ] IEC 104
M_ME_TF_1 ( 36) spontaneous
SSN 28 RSN 4
asduAddr 35585 SQ 0 T 0 P/N 0 COT 03 ORG 001
UW OAL_N 110 KV 180/1B Q ( KL 326) Q MvMoment
IOAddr ..... 458961
MVAL +150.000000 IV 0 NT 0 SB 0 BL 0 000 OV 0
IV 0 SU 0 Dow 0 28.09.10 10:41:23.546

3 10:41:23.843 TRANSMIT TDB number : 760 [ 13 ] IEC 104
C_TS_TA_1 (107) activation
SSN 4 RSN 29
asduAddr 35585 SQ 0 T 0 P/N 0 COT 06 ORG 001
object 001
IOAddr ..... 0
Test sequence counter 0
IV 0 SU 0 Dow 0 28.09.10 10:41:23.843

3 10:41:23.890 RECEIVE [ 32 ] IEC 104
C_TS_TA_1 (107) CFRM activation
SSN 29 RSN 5
asduAddr 35585 SQ 0 T 0 P/N 0 COT 07 ORG 001
object 001
IOAddr ..... 0
Test sequence counter 0
IV 0 SU 0 Dow 0 28.09.10 10:41:23.843

3 10:41:33.921 TRANSMIT TDB number : 495 [ 14 ] IEC 104
192.168.178.11 : 2404 A C K R S N SSN 0 RSN 30

3 10:41:39.671 RECEIVE [ 33 ] IEC 104
M_SP_TB_1 ( 30) spontaneous
SSN 30 RSN 5
asduAddr 35585 SQ 0 T 0 P/N 0 COT 03 ORG 001
UW OAL_N 110 KV 6488103 SYNCHRONISIERUG STOE EL_S_279 StatusML
IOAddr ..... 6488103
IV 0 NT 0 SB 0 BL 0 000 SPI ON
IV 0 SU 0 Dow 0 28.09.10 10:41:39.656
r1 1 r2 00 r3 0000 r4 0

3 10:41:49.703 TRANSMIT TDB number : 495 [ 15 ] IEC 104
192.168.178.11 : 2404 A C K R S N SSN 0 RSN 31

3 10:41:51.046 RECEIVE [ 34 ] IEC 104
M_SP_TB_1 ( 30) spontaneous
SSN 31 RSN 5
asduAddr 35585 SQ 0 T 0 P/N 0 COT 03 ORG 001
UW OAL_N TOR OFFEN EL_T_061 StatusML
IOAddr ..... 6558575
IV 0 NT 0 SB 0 BL 0 000 SPI ON
IV 0 SU 0 Dow 0 28.09.10 10:41:51.031
r1 1 r2 00 r3 0000 r4 0

3 10:42:01.078 TRANSMIT TDB number : 495 [ 16 ] IEC 104
192.168.178.11 : 2404 A C K R S N SSN 0 RSN 32

3 10:42:11.093 TRANSMIT TDB number : 492 [ 17 ] IEC 104
192.168.178.11 : 2404 T E S T F R activate

3 10:42:11.140 RECEIVE [ 35 ] IEC 104
192.168.178.11 : 2404 T E S T F R confirm

3 10:42:15.281 TRANSMIT TDB number : 100 [ 18 ] IEC 104
C_IC_NA_1 (100) activation
SSN 5 RSN 32
asduAddr 35585 SQ 0 T 0 P/N 0 COT 06 ORG 001
object 001
IOAddr ..... 0
interrogation 20

3 10:42:15.328 RECEIVE [ 36 ] IEC 104
C_IC_NA_1 (100) CFRM activation
SSN 32 RSN 6
asduAddr 35585 SQ 0 T 0 P/N 0 COT 07 ORG 001
object 001
IOAddr ..... 0
interrogation 20

3 10:42:16.968 RECEIVE [ 37 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 33 RSN 6
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N ORTSBETRIEB GM OFF EL_O_042 StatusML
IOAddr ..... 6559082
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

3 10:42:17.031 RECEIVE [ 38 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 34 RSN 6
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001

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UW_OAL_N      FM-RAUM      AUTF  EL_F_032 StatusML
IOAddr        .....      6558332
IV 0  NT 0  SB 0  BL 0  000  SPI  OFF

3 10:42:17.093  RECEIVE [ 39 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 35  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      BMZ ANLAGE      STOE  EL_B_095 StatusML
IOAddr        .....      6558578
IV 0  NT 0  SB 0  BL 0  000  SPI  OFF

3 10:42:17.156  RECEIVE [ 40 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 36  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      BRANDALARM      EL_B_098 StatusML
IOAddr        .....      6558577
IV 0  NT 0  SB 0  BL 0  000  SPI  OFF

3 10:42:17.218  RECEIVE [ 41 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 37  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      TOR OFFEN      EL_T_061 StatusML
IOAddr        .....      6558575
IV 0  NT 0  SB 0  BL 0  000  SPI  ON

3 10:42:17.281  RECEIVE [ 42 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 38  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      US-TESTBEFEHL      EL_U_079 StatusML
IOAddr        .....      6559079
IV 0  NT 0  SB 0  BL 0  000  SPI  OFF

3 10:42:17.343  RECEIVE [ 43 ] IEC 104
M_ME_NC_1 ( 13) interrog. GI
SSN 39  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      110 KV  PHI ( KL 326) PHI  MvMoment
IOAddr        .....      6488278
MVAL          +0.000000  IV 0  NT 0  SB 0  BL 0  000  OV 0

3 10:42:17.343  TRANSMIT TDB number : 495 [ 19 ] IEC 104
192.168.178.11 : 2404  A C K R S N  SSN 0  RSN 40

3 10:42:17.390  RECEIVE [ 44 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 40  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      110 KV  SCHUTZ      STOE  EL_S_045 StatusML
IOAddr        .....      6558320
IV 0  NT 0  SB 0  BL 0  000  SPI  OFF

3 10:42:17.453  RECEIVE [ 45 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 41  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      110 KV  LT<->SYN-GERAET STOE  EL_L_085 StatusML
IOAddr        .....      6488313
IV 0  NT 0  SB 0  BL 0  000  SPI  OFF

3 10:42:17.515  RECEIVE [ 46 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 42  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      110 KV  SYNCHRO.      AUTF  EL_S_273 StatusML
IOAddr        .....      13044327
IV 0  NT 0  SB 0  BL 0  000  SPI  OFF

3 10:42:17.578  RECEIVE [ 47 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 43  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      110 KV  SYNCHRONISIERUG STOE  EL_S_279 StatusML
IOAddr        .....      6488103
IV 0  NT 0  SB 0  BL 0  000  SPI  ON

3 10:42:17.640  RECEIVE [ 48 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 44  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      110 KV  SYNCHR.      HAND  EL_S_267 StatusML
IOAddr        .....      13044325
IV 0  NT 0  SB 0  BL 0  000  SPI  ON

3 10:42:17.703  RECEIVE [ 49 ] IEC 104
M_SP_NA_1 ( 1) interrog. GI
SSN 45  RSN 6
asduAddr      35585      SQ 0  T 0  P/N 0  COT 20  ORG 001
UW_OAL_N      110 KV  SYNCHR.      AUTO  EL_S_266 StatusML
IOAddr        .....      13044326
IV 0  NT 0  SB 0  BL 0  000  SPI  OFF
    
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3 10:42:17.765 RECEIVE [ 50 ] IEC 104
M_ME_NC_1 ( 13) interrog. GI
SSN 46 RSN 6
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N 110 KV 180/1B P ( KL 326) P MvMoment
IOAddr ..... 458960
MVAL +0.000000 IV 0 NT 0 SB 0 BL 0 000 OV 0

3 10:42:17.828 RECEIVE [ 51 ] IEC 104
M_ME_NC_1 ( 13) interrog. GI
SSN 47 RSN 6
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N 110 KV 180/1B Q ( KL 326) Q MvMoment
IOAddr ..... 458961
MVAL +150.000000 IV 0 NT 0 SB 0 BL 0 000 OV 0

3 10:42:17.843 TRANSMIT TDB number : 495 [ 20 ] IEC 104
192.168.178.11 : 2404 A C K R S N SSN 0 RSN 48

3 10:42:19.937 RECEIVE [ 52 ] IEC 104
M_DP_NA_1 ( 3) interrog. GI
SSN 48 RSN 6
asduAddr 35585 SQ 0 T 0 P/N 0 COT 20 ORG 001
UW OAL_N 110 KV 180/1B SSTS 1 SSTR1 Status
IOAddr ..... 7013221
IV 0 NT 0 SB 0 BL 0 00 DPI ON

3 10:42:20.000 RECEIVE [ 53 ] IEC 104
C_IC_NA_1 (100) TERM activation
SSN 49 RSN 6
asduAddr 35585 SQ 0 T 0 P/N 0 COT 10 ORG 001
object 001
IOAddr ..... 0
interrogation 20

3 10:42:23.937 TRANSMIT TDB number : 760 [ 21 ] IEC 104
C_TS_TA_1 (107) activation
SSN 6 RSN 50
asduAddr 35585 SQ 0 T 0 P/N 0 COT 06 ORG 001
object 001
IOAddr ..... 0
Test sequence counter 1
IV 0 SU 0 DoW 0 28.09.10 10:42:23.937

3 10:42:23.984 RECEIVE [ 54 ] IEC 104
C_TS_TA_1 (107) CFRM activation
SSN 50 RSN 7
asduAddr 35585 SQ 0 T 0 P/N 0 COT 07 ORG 001
object 001
IOAddr ..... 0
Test sequence counter 1
IV 0 SU 0 DoW 0 28.09.10 10:42:23.937

3 10:42:34.015 TRANSMIT TDB number : 495 [ 22 ] IEC 104
192.168.178.11 : 2404 A C K R S N SSN 0 RSN 51

3 10:42:44.015 TRANSMIT TDB number : 492 [ 23 ] IEC 104
192.168.178.11 : 2404 T E S T F R activate

3 10:42:44.062 RECEIVE [ 55 ] IEC 104
192.168.178.11 : 2404 T E S T F R confirm

3 10:42:46.593 TRANSMIT TDB number : 491 [ 24 ] IEC 104
192.168.178.11 : 2404 S T O P D T activate

3 10:42:46.640 MESSAGE [ 25 ] IEC 104
RTI 192.168.178.11 : 1623 > 192.168.178.11 : 2404 CLOSED

3 10:42:46.640 RECEIVE [ 56 ] IEC 104
192.168.178.11 : 2404 S T O P D T confirm
    
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