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4 10:39:56.609 MESSAGE [ 1 ] IEC 104
RTU 192.168.178.11 : 2404 > 192.168.178.11 : 1623 ESTABLISHED

4 10:39:56.703 RECEIVE [ 1 ] IEC 104
192.168.178.11 : 1623 S T A R T D T activate

4 10:39:56.718 TRANSMIT TDB number : 506 [ 2 ] IEC 104
192.168.178.11 : 1623 S T A R T D T confirm

4 10:40:00.718 TRANSMIT TDB number : 480 [ 3 ] 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

4 10:40:01.781 RECEIVE [ 2 ] 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

4 10:40:01.796 TRANSMIT TDB number : 507 [ 4 ] IEC 104
C_CS_NA_1 (103) CFM 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

4 10:40:03.796 RECEIVE [ 3 ] 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

4 10:40:03.812 TRANSMIT TDB number : 508 [ 5 ] IEC 104
C_IC_NA_1 (100) CFM activation
SSN 2 RSN 2
asduAddr 35585 SQ 0 T 0 P/N 0 COT 07 ORG 001
object 001
IOAddr ..... 0
interrogation 20

4 10:40:05.437 TRANSMIT TDB number : 547 [ 6 ] 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 StatusM
IOAddr ..... 6559082
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:05.500 TRANSMIT TDB number : 548 [ 7 ] 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 StatusM
IOAddr ..... 6558332
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:05.562 TRANSMIT TDB number : 549 [ 8 ] 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 StatusM
IOAddr ..... 6558578
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:05.625 TRANSMIT TDB number : 550 [ 9 ] 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 StatusM
IOAddr ..... 6558577
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:05.687 TRANSMIT TDB number : 551 [ 10 ] 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 StatusM
IOAddr ..... 6558575
IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:05.750 TRANSMIT TDB number : 552 [ 11 ] 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 StatusM
IOAddr ..... 6559079

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IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:05.812 TRANSMIT TDB number : 553 [12] 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 PHI (KL 326) PHI MvMoment
 IOAddr 6488278
 MVAL +0.000000 IV 0 NT 0 SB 0 BL 0 000 OV 0

4 10:40:05.843 RECEIVE [4] IEC 104

192.168.178.11 : 1623 A C K R S N SSN 0 RSN 10

4 10:40:05.843 TRANSMIT TDB number : 554 [13] 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 SCHUTZ STOE EL_S_045 StatusMML
 IOAddr 6558320
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:05.921 TRANSMIT TDB number : 555 [14] 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 LT<->SYN-GERAET STOE EL_L_085 StatusMML
 IOAddr 6488313
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:05.984 TRANSMIT TDB number : 556 [15] 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 SYNCHRO. AUTF EL_S_273 StatusMML
 IOAddr 13044327
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:06.046 TRANSMIT TDB number : 557 [16] 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 SYNCHRONISIERUG STOE EL_S_279 StatusMML
 IOAddr 6488103
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:06.109 TRANSMIT TDB number : 558 [17] 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 SYNCHR. HAND EL_S_267 StatusMML
 IOAddr 13044325
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:06.171 TRANSMIT TDB number : 559 [18] 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 SYNCHR. AUTO EL_S_266 StatusMML
 IOAddr 13044326
 IV 0 NT 0 SB 0 BL 0 000 SPI OFF

4 10:40:06.234 TRANSMIT TDB number : 560 [19] 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

4 10:40:06.296 TRANSMIT TDB number : 561 [20] 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

4 10:40:06.328 RECEIVE [5] IEC 104

192.168.178.11 : 1623 A C K R S N SSN 0 RSN 18

4 10:40:08.390 TRANSMIT TDB number : 562 [21] 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

4 10:40:08.453 TRANSMIT TDB number : 563 [22] 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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4 10:40:18.515 RECEIVE [ 6 ] IEC 104
192.168.178.11 : 1623 A C K R S N SSN 0 RSN 20

4 10:40:25.062 RECEIVE [ 7 ] 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

4 10:40:25.078 TRANSMIT TDB number : 509 [ 23 ] 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

4 10:40:25.140 TRANSMIT TDB number : 565 [ 24 ] 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

4 10:40:27.265 TRANSMIT TDB number : 510 [ 25 ] 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

4 10:40:37.343 RECEIVE [ 8 ] IEC 104
192.168.178.11 : 1623 A C K R S N SSN 0 RSN 23

4 10:40:44.250 RECEIVE [ 9 ] 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 SYNCHR. HAND EL_S_267 StatusML
IOAddr ..... 13044225
SCO S/E 0 QU 1 0 SCS ON

4 10:40:44.281 TRANSMIT TDB number : 511 [ 26 ] 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 SYNCHR. HAND EL_S_267 StatusML
IOAddr ..... 13044225
SCO S/E 0 QU 1 0 SCS ON

4 10:40:44.359 TRANSMIT TDB number : 567 [ 27 ] 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 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

4 10:40:46.484 TRANSMIT TDB number : 512 [ 28 ] 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 SYNCHR. HAND EL_S_267 StatusML
IOAddr ..... 13044225
SCO S/E 0 QU 1 0 SCS ON

4 10:40:56.546 RECEIVE [ 10 ] IEC 104
192.168.178.11 : 1623 A C K R S N SSN 0 RSN 26

4 10:41:06.546 RECEIVE [ 11 ] IEC 104
192.168.178.11 : 1623 T E S T F R activate

4 10:41:06.562 TRANSMIT TDB number : 513 [ 29 ] IEC 104
192.168.178.11 : 1623 T E S T F R confirm

4 10:41:14.609 TRANSMIT TDB number : 568 [ 30 ] 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

4 10:41:20.296 TRANSMIT TDB number : 569 [ 31 ] 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

4 10:41:23.546 TRANSMIT TDB number : 570 [32] 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

4 10:41:23.859 RECEIVE [12] 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

4 10:41:23.875 TRANSMIT TDB number : 514 [33] IEC 104

C_TS_TA_1 (107) CFM 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

4 10:41:33.937 RECEIVE [13] IEC 104

192.168.178.11 : 1623 A C K R S N SSN 0 RSN 30

4 10:41:39.656 TRANSMIT TDB number : 571 [34] 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 180/1B Q (KL 326) Q MVMoment
 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

4 10:41:49.718 RECEIVE [14] IEC 104

192.168.178.11 : 1623 A C K R S N SSN 0 RSN 31

4 10:41:51.031 TRANSMIT TDB number : 572 [35] 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

4 10:42:01.093 RECEIVE [15] IEC 104

192.168.178.11 : 1623 A C K R S N SSN 0 RSN 32

4 10:42:11.109 RECEIVE [16] IEC 104

192.168.178.11 : 1623 T E S T F R activate

4 10:42:11.125 TRANSMIT TDB number : 515 [36] IEC 104

192.168.178.11 : 1623 T E S T F R confirm

4 10:42:15.296 RECEIVE [17] 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

4 10:42:15.312 TRANSMIT TDB number : 516 [37] IEC 104

C_IC_NA_1 (100) CFM activation
 SSN 32 RSN 6
 asduAddr 35585 SQ 0 T 0 P/N 0 COT 07 ORG 001
 object 001
 IOAddr 0
 interrogation 20

4 10:42:16.953 TRANSMIT TDB number : 573 [38] 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

4 10:42:17.015 TRANSMIT TDB number : 574 [39] 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

4 10:42:17.078  TRANSMIT  TDB number : 575  [          40 ]  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

4 10:42:17.140  TRANSMIT  TDB number : 576  [          41 ]  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

4 10:42:17.203  TRANSMIT  TDB number : 577  [          42 ]  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

4 10:42:17.265  TRANSMIT  TDB number : 578  [          43 ]  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

4 10:42:17.328  TRANSMIT  TDB number : 579  [          44 ]  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

4 10:42:17.359  RECEIVE          [          18 ]  IEC 104
192.168.178.11 : 1623  A C K R S N  SSN  0  RSN  40

4 10:42:17.359  TRANSMIT  TDB number : 580  [          45 ]  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

4 10:42:17.437  TRANSMIT  TDB number : 581  [          46 ]  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

4 10:42:17.500  TRANSMIT  TDB number : 582  [          47 ]  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

4 10:42:17.562  TRANSMIT  TDB number : 583  [          48 ]  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

4 10:42:17.625  TRANSMIT  TDB number : 584  [          49 ]  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

4 10:42:17.687  TRANSMIT  TDB number : 585  [          50 ]  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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4 10:42:17.750 TRANSMIT TDB number : 586 [ 51 ] 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

4 10:42:17.812 TRANSMIT TDB number : 587 [ 52 ] 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

4 10:42:17.859 RECEIVE [ 19 ] IEC 104
192.168.178.11 : 1623 A C K R S N SSN 0 RSN 48

4 10:42:19.921 TRANSMIT TDB number : 588 [ 53 ] 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

4 10:42:19.984 TRANSMIT TDB number : 589 [ 54 ] 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

4 10:42:23.953 RECEIVE [ 20 ] 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

4 10:42:23.968 TRANSMIT TDB number : 517 [ 55 ] 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

4 10:42:34.031 RECEIVE [ 21 ] IEC 104
192.168.178.11 : 1623 A C K R S N SSN 0 RSN 51

4 10:42:44.031 RECEIVE [ 22 ] IEC 104
192.168.178.11 : 1623 T E S T F R activate

4 10:42:44.046 TRANSMIT TDB number : 518 [ 56 ] IEC 104
192.168.178.11 : 1623 T E S T F R confirm

4 10:42:46.609 RECEIVE [ 23 ] IEC 104
192.168.178.11 : 1623 S T O P D T activate

4 10:42:46.625 TRANSMIT TDB number : 519 [ 57 ] IEC 104
192.168.178.11 : 1623 S T O P D T confirm

4 10:42:46.640 MESSAGE [ 58 ] IEC 104
RTU 192.168.178.11 : 2404 < 192.168.178.11 : 1623 CLOSED

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