IFS120/5 HR SN_#031 Configuration & Diagnostics Report

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Flange board

Instrument Type	IFS120/5 HR
Instrument Serial Number	#031
Manufacture Date	20/06/04
Firmware Version	16
Engineering Change Level	0
Location	for Atmospheric
Owner/Company	Univ. Corporation
Postal address	
City	Boulder Colorado
Country	USA

General info

Current Date	Thu, 14 Feb 2019 20:50:59
Last power up date	Thu, 14 Feb 2019 20:48:52
Parameter File	c:/ews/pa000020.bin (Basic PA for M15E 1.1) saved on Wed, 12 Oct 2016 13:57:43
Second Parameter File	c:/ews/pbhr0012.bin (I125 Version 1.1) saved on Tue, 18 Oct 2016 07:51:13
Options Parameter File	c:/ews/podic034.bin (Dichroic Det. option 3.&4.) saved on Mon, 02 Jul 2018 18:31:55
Options Parameter File	c:/ews/pomot501.bin (I125 Mot5=290 (solar source)) saved on Tue, 05 Feb 2019 20:15:19
Options Parameter File	c:/ews/poopfat0.bin (I125 OPF's for atmosphere 1.0) saved on Mon, 17 Oct 2016 09:59:22
Options Parameter File	c:/ews/pougr030.bin (I120->I125 Upgrade 1.0 5-Jim) saved on Mon, 25 Jun 2018 19:44:04
Real Time Diagnostic Applet File	rtdiag40.jar
Max Data Rate	160000
Max Data Rate Overdrive	1.05
Max Resolution	0.0015
Max PLL	4
Max XAS	8
Xa Step	1
Laser Wavenumber	15798.06761000
Focal Length	418
Absolute Peak Position	118589

Runtime info

Total run time Instrument	154 days, 12 hours, 28 mn
Time elapsed since last power up	2 mn

Owner info

Current client	10.10.0.2
Last owner	???@0.0.0.0
Are above addresses identical?	No
Is an OPUS currently connected?	No
IF configuration authentication	Disabled

User infos from EWS.INI

No entry

Embedded Web Server

EWS16 Firmware Version	2.485 Apr 4 2017
EWS16 CPU	AMD Geode GX-MMX
Base RAM (KB)	632
Extended RAM (KB)	514752
IP Address in file c:/ews/tcpip.ini (Dec)	10.10.0.1
IP Subnet Mask in file c:/ews/tcpip.ini (Dec)	255.255.255.0
GATEWAY in file c:/ews/tcpip.ini (Dec)	0.0.0.0
Hardware MAC ID (Hex)	74 FE 48 16 1C E8
TCPIP Settings from	c:/ews/tcpip.ini
Communication Format Code	CC2
EWS DIP Switch 1	DOWN
EWS DIP Switch 2	DOWN

EWS DIP Switch 3	DOWN
EWS16 Board Serial Number	000000

SCT16 Board

SCT16 Firmware Version	M16SD / 2.480
File 1	c:/dsp/s16_2480.hex
File 2	c:/dsp/shr_2480.ldr
File 3	c:/dsp/ctr122ab.hex
File 4	c:/dsp/if00m403.bin

Logbuffer

190214 20:49:58-DSPDRV->CPQ=80 returned
190214 20:49:58-DSPDRV->CPI=140 returned
190214 20:49:58-DSPDRV->CPP=80 returned
190214 20:49:58-DSPDRV->CPQ=80 in Dsp_queue
190214 20:49:58-DSPDRV->XSM=1 returned
190214 20:49:58-DSPDRV->CPI=140 in Dsp_queue
190214 20:49:58-DSPDRV->XSY=1 returned
190214 20:49:58-DSPDRV->CPP=80 in Dsp_queue
190214 20:49:58-DSPDRV->XG2=0.7797762 returned
190214 20:49:58-DSPDRV->XSM=1 in Dsp_queue
190214 20:49:58-DSPDRV->XG1=-1.7504527 returned
190214 20:49:58-DSPDRV->XSY=1 in Dsp_queue
190214 20:49:58-DSPDRV->XD2=0.062932 returned
190214 20:49:58-DSPDRV->XG2=0.7797762 in Dsp_queue
190214 20:49:58-DSPDRV->XD1=-0.0965405 returned
190214 20:49:58-DSPDRV->XG1=-1.7504527 in Dsp_queue
190214 20:49:58-DSPDRV->CMA=4 returned
190214 20:49:58-DSPDRV->XD2=0.062932 in Dsp_queue
190214 20:49:58-DSPDRV->XD1=-0.0965405 in Dsp_queue
190214 20:49:58-DSPDRV->CMA=4 in Dsp_queue
190214 20:49:51-Cmd "_EP" terminated
190214 20:49:51-*** Init done
190214 20:49:51-DSPDRV->_EP=1 returned
190214 20:49:51-DSPDRV->_PS=500 returned
190214 20:49:51-DSPDRV->_EP=1 in Dsp_queue
190214 20:49:51-DSPDRV->_PS=500 in Dsp_queue
190214 20:49:51-EWS.300 - Level=A Origin= F0 48 54 8D 8F 11 0E 06 00 00 (HEX) Cmd=CAN=A 5440 20D Msg=Answer from CAN device
190214 20:49:51-CAN->Answer CAN=A 5440 20D->MOT2212 F0 48 54 8D 8F 11 0E 06 00 00 (HEX)
190214 20:49:51-DSPDRV->DTC=16416 returned
190214 20:49:51-CAN->Executing CAN (CAN=A 5440 20D) 54 42 F0 0D (HEX)
190214 20:49:51-DSPDRV->CFO=0 returned
190214 20:49:51-CAN->In queue CAN Dev 0x5440
190214 20:49:51-DSPDRV->ABT=17 returned
190214 20:49:51-DSPDRV->GNS returned
190214 20:49:51-CAN->Returned MOT213->MOT7208 status read
190214 20:49:51-DSPDRV->SG2 returned
190214 20:49:51-CAN->Answer MOT213->MOT7208 F0 E8 50 81 60 16 40 00 00 00 (HEX)
190214 20:49:51-DSPDRV->HPF returned
190214 20:49:51-CAN->Executing MOT213->MOT7208=0 50 E2 F0 03 (HEX)
190214 20:49:51-DSPDRV->TRW returned
190214 20:49:51-CAN->In Queue MOT213->MOT208 status read
190214 20:49:49-DSPDRV->DTC=16416 in Dsp_queue
190214 20:49:49-DSPDRV->CFO=0 in Dsp_queue
190214 20:49:49-CAN->ANA 0x4020 cmd=0x15 OK
190214 20:49:49-CAN->Executing CAN (CAN=A 4020 315 1) 40 23 F0 15 01 (HEX)
190214 20:49:49-CAN->In queue CAN Dev 0x4020
190214 20:49:49-DSPDRV->ABT=17 in Dsp_queue
190214 20:49:49-DSPDRV->GNS in Dsp_queue
190214 20:49:49-CAN->ANA 0x4020 cmd=0x16 OK
190214 20:49:49-CAN->Executing ANA (GNS) 40 26 F0 16 01 00 00 00 (HEX)
190214 20:49:49-CAN->In queue ANA Dev 0x4020
190214 20:49:49-Processing associated function for cmd GNS
190214 20:49:49-DSPDRV->SG2 in Dsp_queue
190214 20:49:49-CAN->ANA 0x4020 cmd=0x13 OK
190214 20:49:49-CAN->Executing ANA (PGN) 40 26 F0 13 00 00 00 00 (HEX)

190214 20:49:49-CAN->In queue ANA Dev 0x4020
190214 20:49:49-Processing associated function for cmd PGN
190214 20:49:49-DSPDRV->HPF in Dsp_queue
190214 20:49:49-CAN->ANA 0x4020 cmd=0x1E OK
190214 20:49:49-CAN->Executing ANA (HPF) 40 26 F0 1E 01 00 00 00 (HEX)
190214 20:49:49-CAN->In queue ANA Dev 0x4020
190214 20:49:49-Processing associated function for cmd HPF
190214 20:49:49-DSPDRV->TRW in Dsp_queue
190214 20:49:49-CAN->ANA 0x4020 cmd=0x14 OK
190214 20:49:49-CAN->Executing ANA (TRW) 40 26 F0 14 00 00 00 00 (HEX)
190214 20:49:49-CAN->In queue ANA Dev 0x4020
190214 20:49:49-CAN->ANA 0x4020 cmd=0x12 OK
190214 20:49:49-CAN->Executing ANA (TRW) 40 26 F0 12 00 00 00 00 (HEX)
190214 20:49:49-CAN->In queue ANA Dev 0x4020
190214 20:49:49-Processing associated function for cmd TRW=0
190214 20:49:49-CAN->ANA 0x4020 cmd=0x18 OK
190214 20:49:49-CAN->Executing ANA (DTC=16416) 40 22 F0 18 (HEX)
190214 20:49:49-CAN->In queue ANA Dev 0x4020
190214 20:49:49-CAN->ANA 0x4020 cmd=0x27 OK
190214 20:49:49-CAN->Executing ANA (DTC=16416) 40 23 F0 27 01 (HEX)
190214 20:49:49-CAN->In queue ANA Dev 0x4020
190214 20:49:49-CAN->ANA 0x4020 cmd=0x11 OK
190214 20:49:49-CAN->Executing ANA (Dev 0x4020) 40 26 F0 11 02 00 00 00 (HEX)
190214 20:49:49-CAN->In queue ANA Dev 0x4020
190214 20:49:48-CAN->ANA 0x40C0 cmd=0x11 OK
190214 20:49:48-CAN->Executing ANA (Dev 0x40c0) 40 C6 F0 11 00 00 00 00 (HEX)
190214 20:49:48-CAN->In queue ANA Dev 0x40c0
190214 20:49:48-CAN->ANA 0x4080 cmd=0x11 OK
190214 20:49:48-CAN->Executing ANA (Dev 0x4080) 40 86 F0 11 00 00 00 00 (HEX)
190214 20:49:48-CAN->In queue ANA Dev 0x4080
190214 20:49:48-CAN->ANA 0x4040 cmd=0x11 OK
190214 20:49:48-CAN->Executing ANA (Dev 0x4040) 40 46 F0 11 00 00 00 00 (HEX)
190214 20:49:48-CAN->In queue ANA Dev 0x4040
190214 20:49:48-Signal Dsp: BMS door closed (Reg4=0x0)
190214 20:49:48-Ana15 detection terminated
190214 20:49:48-Ana15 0x4220 NOT detected
190214 20:49:48-Ana15 0x4200 NOT detected
190214 20:49:48-Ana15 0x41E0 NOT detected
190214 20:49:47-Ana15 0x41C0 NOT detected
190214 20:49:47-Ana15 0x41A0 NOT detected
190214 20:49:47-Ana15 0x4180 NOT detected
190214 20:49:46-Ana15 0x40C0 detected
190214 20:49:46-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x40c2) Msg=Detection Successfully done
190214 20:49:46-Ana15 0x40c2 detection terminated
190214 20:49:46-Ana15 0x40c2 detection started
190214 20:49:46-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x40c1) Msg=Detection Successfully done
190214 20:49:46-Ana15 0x40c1 detection terminated
190214 20:49:45-Ana15 0x40c1 detection started
190214 20:49:45-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x40c0) Msg=Detection Successfully done
190214 20:49:45-Ana15 0x40c0 detection terminated
190214 20:49:45-Ana15 0x40c0 detection started
190214 20:49:45-Ana15 0x40A0 NOT detected
190214 20:49:44-Ana15 0x4080 detected
190214 20:49:44-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4082) Msg=Detection Successfully done
190214 20:49:44-Ana15 0x4082 detection terminated
190214 20:49:44-Ana15 0x4082 detection started
190214 20:49:44-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4081) Msg=Detection Successfully done
190214 20:49:44-Ana15 0x4081 detection terminated
190214 20:49:44-Ana15 0x4081 detection started
190214 20:49:44-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4080) Msg=Detection Successfully done
190214 20:49:44-Ana15 0x4080 detection terminated
190214 20:49:44-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [DTC_00004080] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:49:43-Ana15 0x4080 detection started
190214 20:49:43-Ana15 0x4060 NOT detected
190214 20:49:43-Ana15 0x4040 detected
190214 20:49:43-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4042) Msg=Detection Successfully done
190214 20:49:43-Ana15 0x4042 detection terminated

190214 20:49:42-Ana15 0x4042 detection started
190214 20:49:42-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4041) Msg=Detection Successfully done
190214 20:49:42-Ana15 0x4041 detection terminated
190214 20:49:42-Ana15 0x4041 detection started
190214 20:49:42-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4040) Msg=Detection Successfully done
190214 20:49:42-Ana15 0x4040 detection terminated
190214 20:49:42-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [DTC_MCN0506] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:49:41-Ana15 0x4040 detection started
190214 20:49:41-Ana15 0x4020 detected
190214 20:49:41-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4022) Msg=Detection Successfully done
190214 20:49:41-Ana15 0x4022 detection terminated
190214 20:49:41-Ana15 0x4022 detection started
190214 20:49:41-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4021) Msg=Detection Successfully done
190214 20:49:41-Ana15 0x4021 detection terminated
190214 20:49:40-Ana15 0x4021 detection started
190214 20:49:40-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4020) Msg=Detection Successfully done
190214 20:49:40-Ana15 0x4020 detection terminated
190214 20:49:40-Ana15 0x4020 detection started
190214 20:49:40-Ana15 0x4000 NOT detected
190214 20:49:39-Ana15 detection started
190214 20:49:39-CAN->Executing Write Id Chip Eeprom-> 54 48 F0 1C FA 00 00 00 00 00 (HEX)
190214 20:49:39-CAN->Answer Read Id Chip Eeprom-> F0 48 54 8A FA F6 C0 12 00 00 (HEX)
190214 20:49:39-Flange board detection OK
190214 20:49:38-Initialization: Vacuum control with flaps detected
190214 20:49:38-CAN->Answer Read Id Chip Eeprom-> F0 48 54 8A FA F6 C0 12 00 00 (HEX)
190214 20:49:38-CAN->Executing Read Id Chip Eeprom-> 54 46 F0 0A 00 00 00 00 (HEX)
190214 20:49:38-CAN->Answer Write Id Chip Eeprom-> F0 42 54 84 (HEX)
190214 20:49:38-CAN->Executing Write Id Chip Eeprom-> 54 48 F0 1C FA 00 00 00 00 00 (HEX)
190214 20:49:38-CAN->Answer Read Id Chip Eeprom-> F0 48 54 8A FA F6 C0 12 00 00 (HEX)
190214 20:49:37-CAN->Executing Read Id Chip Eeprom-> 54 46 F0 0A 00 00 00 00 (HEX)
190214 20:49:37-CAN->Answer Read Id Number-> F0 48 54 8D 8F 11 0E 06 00 00 (HEX)
190214 20:49:37-Initialization: CAN bus communication successfully started
190214 20:49:37-CAN->Executing Read Id Number-> 54 42 F0 0D (HEX)
190214 20:49:37-CAN check done
190214 20:49:37-CAN controller of MOT220 not available
190214 20:49:37-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [LSR_00000001] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:49:37-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [LSR_00000001] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:49:37-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [LSR_00000001] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:49:37-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [LSR_00000001] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:49:37-CAN controller of MOT210 initialized
190214 20:49:37-CanAdi Dev 0x22e0 not available
190214 20:49:36-CanAdi Dev 0x22c0 not available
190214 20:49:35-CanAdi Dev 0x22a0 not available
190214 20:49:34-CanAdi Dev 0x2280 not available
190214 20:49:32-CanAdi Dev 0x2260 not available
190214 20:49:31-CanAdi Dev 0x2240 not available
190214 20:49:30-CanAdi Dev 0x20e0 not available
190214 20:49:29-CanAdi Dev 0x20c0 not available
190214 20:49:29-CAN controller of MOT218 initialized
190214 20:49:29-CAN controller of MOT217 initialized
190214 20:49:29-CAN controller of MOT3216 initialized
190214 20:49:29-CAN controller of MOT2216 initialized
190214 20:49:29-CAN controller of MOT1216 initialized
190214 20:49:28-CAN controller of MOT216 initialized
190214 20:49:28-CAN controller of MOT215 initialized
190214 20:49:28-CAN controller of MOT2213 initialized
190214 20:49:28-CAN controller of MOT1213 initialized
190214 20:49:28-CAN controller of MOT213 initialized
190214 20:49:28-CAN controller of MOT3212 not available
190214 20:49:28-CAN controller of MOT2212 initialized
190214 20:49:28-CAN controller of MOT1212 initialized
190214 20:49:28-CAN controller of MOT212 not available
190214 20:49:28-CAN controller of MOT209 initialized
190214 20:49:28-CAN controller of MOT7208 initialized
190214 20:49:28-CAN controller of MOT2208 initialized
190214 20:49:28-CAN controller of MOT1208 initialized

190214 20:49:28-CAN controller of MOT208 initialized
190214 20:49:28-CAN controller of MOT30 not available
190214 20:49:27-CAN controller of MOT28 initialized
190214 20:49:27-CAN controller of MOT26 initialized
190214 20:49:27-CAN controller of MOT24 not available
190214 20:49:26-CAN controller of MOT23 not available
190214 20:49:26-CAN controller of MOT22 not available
190214 20:49:25-CAN controller of MOT21 not available
190214 20:49:25-CAN controller of MOT20 not available
190214 20:49:25-CAN controller of MOT19 not available
190214 20:49:25-CAN controller of MOT18 not available
190214 20:49:24-CAN controller of MOT17 initialized
190214 20:49:24-CAN controller of MOT16 initialized
190214 20:49:24-CAN controller of MOT14 not available
190214 20:49:24-CAN controller of MOT11 not available
190214 20:49:23-CAN controller of MOT10 not available
190214 20:49:23-CAN controller of MOT9 initialized
190214 20:49:22-CAN controller of MOT8 not available
190214 20:49:22-CAN controller of MOT7 initialized
190214 20:49:22-CAN controller of MOT6 initialized
190214 20:49:22-CAN controller of MOT5 initialized
190214 20:49:22-CAN controller of MOT4 initialized
190214 20:49:22-CAN controller of MOT3 not available
190214 20:49:22-CAN controller of MOT2 initialized
190214 20:49:22-CAN controller of MOT1 not available
190214 20:49:22-CAN controller of MOT0 not available
190214 20:49:21-CAN controller of MOT25 not available
190214 20:49:21-CAN check begin
190214 20:49:17-DSP initialized -> M16SD / 2.480
190214 20:49:16-EWS.10131 - Level=W Origin=EWS.INI: [OCONST] LONGSHORTBRKPT Cmd= Msg=Requested data not found, using default values
190214 20:49:16-EWS.10131 - Level=W Origin=EWS.INI: [OCONST] HVCP Cmd= Msg=Requested data not found, using default values
190214 20:49:16-EWS.10131 - Level=W Origin=EWS.INI: [OCONST] OVS Cmd= Msg=Requested data not found, using default values
190214 20:49:02-Found file c:/DSP/if00m403.bin
190214 20:48:59-Found file c:/DSP/ctr122ab.hex
190214 20:48:55-Contact=10.10.0.2
190214 20:48:55-Signal Dsp: BMS door closed (Reg4=0x0)
190214 20:48:54-Found file c:/dsp/shr_2480.ldr
190214 20:48:53-Found file c:/dsp/s16_2480.hex
190214 20:48:53-Reading options c:/ews/pougr030.bin: OK
190214 20:48:52-Found file c:/ews/pougr030.bin
190214 20:48:52-Reading options c:/ews/poopfat0.bin: OK
190214 20:48:52-Found file c:/ews/poopfat0.bin
190214 20:48:52-Reading options c:/ews/pomot501.bin: OK
190214 20:48:52-Found file c:/ews/pomot501.bin
190214 20:48:52-Reading options c:/ews/podic034.bin: OK
190214 20:48:52-Found file c:/ews/podic034.bin
190214 20:48:52-Reading optional second c:/ews/pbhr0012.bin: OK
190214 20:48:52-Found file c:/ews/pbhr0012.bin
190214 20:48:52-Reading c:/ews/pa000020.bin: OK
190214 20:48:52-Found file c:/ews/pa000020.bin
190214 20:48:52- 10.10.0.0 255.255.255.0 10.10.0.1 20
190214 20:48:52- 0.0.0.0 0.0.0.0 0.0.0.0 20
190214 20:48:52- DestinationIP DestinationMask GateWay Metric
190214 20:48:52-Route Table:
190214 20:48:52-Gateway = 0.0.0.0
190214 20:48:52-Subnet Mask = 255.255.255.0
190214 20:48:52-IP address = 10.10.0.1
190214 20:48:52-[TCPIP] info from c:/ews/tcpip.ini OK
190214 20:48:52-BOOTP mode reset interval = 1398s
190214 20:48:52-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [OPTIONS] from file c:/ews/ews.ini Msg=Requested data not found
190214 20:48:52-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [OPTIONS] from file c:/ews/ews.ini Msg=Requested data not found
190214 20:48:52-[OCONST] constants read from c:/ews/ews.ini failed, using defaults
190214 20:48:52-Waiting 120s for CAN...
190214 20:48:52-Waiting 30s for DSP...
190214 20:48:52-Clear all static msg
190214 20:48:52----------- Start of application -----------

Previous Start-Up Logbuffer:

┌─Previous Start-Up Logbuffer───

190214 20:48:39-Reset requested *** bye bye
190214 20:26:41-DSPDRV->CPQ=80 returned
190214 20:26:41-DSPDRV->CPI=140 returned
190214 20:26:41-DSPDRV->CPP=80 returned
190214 20:26:41-DSPDRV->CPQ=80 in Dsp_queue
190214 20:26:40-DSPDRV->XSM=1 returned
190214 20:26:40-DSPDRV->CPI=140 in Dsp_queue
190214 20:26:40-DSPDRV->XSY=1 returned
190214 20:26:40-DSPDRV->CPP=80 in Dsp_queue
190214 20:26:40-DSPDRV->XG2=0.7797762 returned
190214 20:26:40-DSPDRV->XSM=1 in Dsp_queue
190214 20:26:40-DSPDRV->XG1=-1.7504527 returned
190214 20:26:40-DSPDRV->XSY=1 in Dsp_queue
190214 20:26:40-DSPDRV->XD2=0.062932 returned
190214 20:26:40-DSPDRV->XG2=0.7797762 in Dsp_queue
190214 20:26:40-DSPDRV->XD1=-0.0965405 returned
190214 20:26:40-DSPDRV->XG1=-1.7504527 in Dsp_queue
190214 20:26:40-DSPDRV->CMA=4 returned
190214 20:26:40-DSPDRV->XD2=0.062932 in Dsp_queue
190214 20:26:40-DSPDRV->XD1=-0.0965405 in Dsp_queue
190214 20:26:40-DSPDRV->CMA=4 in Dsp_queue
190214 20:26:34-*** Init done
190214 20:26:34-Cmd "_EP" terminated
190214 20:26:34-DSPDRV->_EP=1 returned
190214 20:26:34-DSPDRV->_PS=500 returned
190214 20:26:34-DSPDRV->_EP=1 in Dsp_queue
190214 20:26:34-DSPDRV->_PS=500 in Dsp_queue
190214 20:26:34-EWS.300 - Level=A Origin= F0 48 54 8D 8F 11 0E 06 00 00 (HEX) Cmd=CAN=A 5440 20D Msg=Answer from CAN device
190214 20:26:34-CAN->Answer CAN=A 5440 20D->MOT2212 F0 48 54 8D 8F 11 0E 06 00 00 (HEX)
190214 20:26:34-DSPDRV->DTC=16416 returned
190214 20:26:34-CAN->Executing CAN (CAN=A 5440 20D) 54 42 F0 0D (HEX)
190214 20:26:34-DSPDRV->CFO=0 returned
190214 20:26:34-CAN->In queue CAN Dev 0x5440
190214 20:26:34-DSPDRV->ABT=17 returned
190214 20:26:34-DSPDRV->GNS returned
190214 20:26:34-CAN->Returned MOT213->MOT7208 status read
190214 20:26:34-DSPDRV->SG2 returned
190214 20:26:34-CAN->Answer MOT213->MOT7208 F0 E8 50 81 60 16 40 00 00 00 (HEX)
190214 20:26:34-DSPDRV->HPF returned
190214 20:26:34-CAN->Executing MOT213->MOT7208=0 50 E2 F0 03 (HEX)
190214 20:26:34-DSPDRV->TRW returned
190214 20:26:34-CAN->In Queue MOT213->MOT208 status read
190214 20:26:32-DSPDRV->DTC=16416 in Dsp_queue
190214 20:26:32-DSPDRV->CFO=0 in Dsp_queue
190214 20:26:32-CAN->ANA 0x4020 cmd=0x15 OK
190214 20:26:32-CAN->Executing CAN (CAN=A 4020 315 1) 40 23 F0 15 01 (HEX)
190214 20:26:32-CAN->In queue CAN Dev 0x4020
190214 20:26:32-DSPDRV->ABT=17 in Dsp_queue
190214 20:26:32-DSPDRV->GNS in Dsp_queue
190214 20:26:32-CAN->ANA 0x4020 cmd=0x16 OK
190214 20:26:32-CAN->Executing ANA (GNS) 40 26 F0 16 01 00 00 00 (HEX)
190214 20:26:32-CAN->In queue ANA Dev 0x4020
190214 20:26:32-Processing associated function for cmd GNS
190214 20:26:32-DSPDRV->SG2 in Dsp_queue
190214 20:26:32-CAN->ANA 0x4020 cmd=0x13 OK
190214 20:26:32-CAN->Executing ANA (PGN) 40 26 F0 13 00 00 00 00 (HEX)
190214 20:26:32-CAN->In queue ANA Dev 0x4020
190214 20:26:31-Processing associated function for cmd PGN
190214 20:26:31-DSPDRV->HPF in Dsp_queue
190214 20:26:31-CAN->ANA 0x4020 cmd=0x1E OK
190214 20:26:31-CAN->Executing ANA (HPF) 40 26 F0 1E 01 00 00 00 (HEX)
190214 20:26:31-CAN->In queue ANA Dev 0x4020
190214 20:26:31-Processing associated function for cmd HPF
190214 20:26:31-DSPDRV->TRW in Dsp_queue
190214 20:26:31-CAN->ANA 0x4020 cmd=0x14 OK
190214 20:26:31-CAN->Executing ANA (TRW) 40 26 F0 14 00 00 00 00 (HEX)

190214 20:26:31-CAN->In queue ANA Dev 0x4020
190214 20:26:31-CAN->ANA 0x4020 cmd=0x12 OK
190214 20:26:31-CAN->Executing ANA (TRW) 40 26 F0 12 00 00 00 00 (HEX)
190214 20:26:31-CAN->In queue ANA Dev 0x4020
190214 20:26:31-Processing associated function for cmd TRW=0
190214 20:26:31-CAN->ANA 0x4020 cmd=0x18 OK
190214 20:26:31-CAN->Executing ANA (DTC=16416) 40 22 F0 18 (HEX)
190214 20:26:31-CAN->In queue ANA Dev 0x4020
190214 20:26:31-CAN->ANA 0x4020 cmd=0x27 OK
190214 20:26:31-CAN->Executing ANA (DTC=16416) 40 23 F0 27 01 (HEX)
190214 20:26:31-CAN->In queue ANA Dev 0x4020
190214 20:26:31-CAN->ANA 0x4020 cmd=0x11 OK
190214 20:26:31-CAN->Executing ANA (Dev 0x4020) 40 26 F0 11 02 00 00 00 (HEX)
190214 20:26:31-CAN->In queue ANA Dev 0x4020
190214 20:26:31-CAN->ANA 0x40C0 cmd=0x11 OK
190214 20:26:31-CAN->Executing ANA (Dev 0x40c0) 40 C6 F0 11 00 00 00 00 (HEX)
190214 20:26:31-CAN->In queue ANA Dev 0x40c0
190214 20:26:31-CAN->ANA 0x4080 cmd=0x11 OK
190214 20:26:31-CAN->Executing ANA (Dev 0x4080) 40 86 F0 11 00 00 00 00 (HEX)
190214 20:26:31-CAN->In queue ANA Dev 0x4080
190214 20:26:31-CAN->ANA 0x4040 cmd=0x11 OK
190214 20:26:31-CAN->Executing ANA (Dev 0x4040) 40 46 F0 11 00 00 00 00 (HEX)
190214 20:26:31-CAN->In queue ANA Dev 0x4040
190214 20:26:31-Signal Dsp: BMS door closed (Reg4=0x0)
190214 20:26:31-Ana15 detection terminated
190214 20:26:31-Ana15 0x4220 NOT detected
190214 20:26:30-Ana15 0x4200 NOT detected
190214 20:26:30-Ana15 0x41E0 NOT detected
190214 20:26:30-Ana15 0x41C0 NOT detected
190214 20:26:29-Ana15 0x41A0 NOT detected
190214 20:26:29-Ana15 0x4180 NOT detected
190214 20:26:29-Ana15 0x40C0 detected
190214 20:26:29-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x40c2) Msg=Detection Successfully done
190214 20:26:29-Ana15 0x40c2 detection terminated
190214 20:26:28-Ana15 0x40c2 detection started
190214 20:26:28-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x40c1) Msg=Detection Successfully done
190214 20:26:28-Ana15 0x40c1 detection terminated
190214 20:26:28-Ana15 0x40c1 detection started
190214 20:26:28-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x40c0) Msg=Detection Successfully done
190214 20:26:28-Ana15 0x40c0 detection terminated
190214 20:26:27-Ana15 0x40c0 detection started
190214 20:26:27-Ana15 0x40A0 NOT detected
190214 20:26:27-Ana15 0x4080 detected
190214 20:26:27-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4082) Msg=Detection Successfully done
190214 20:26:27-Ana15 0x4082 detection terminated
190214 20:26:26-Ana15 0x4082 detection started
190214 20:26:26-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4081) Msg=Detection Successfully done
190214 20:26:26-Ana15 0x4081 detection terminated
190214 20:26:26-Ana15 0x4081 detection started
190214 20:26:26-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4080) Msg=Detection Successfully done
190214 20:26:26-Ana15 0x4080 detection terminated
190214 20:26:26-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [DTC_00004080] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:26:26-Ana15 0x4080 detection started
190214 20:26:26-Ana15 0x4060 NOT detected
190214 20:26:25-Ana15 0x4040 detected
190214 20:26:25-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4042) Msg=Detection Successfully done
190214 20:26:25-Ana15 0x4042 detection terminated
190214 20:26:25-Ana15 0x4042 detection started
190214 20:26:25-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4041) Msg=Detection Successfully done
190214 20:26:25-Ana15 0x4041 detection terminated
190214 20:26:24-Ana15 0x4041 detection started
190214 20:26:24-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4040) Msg=Detection Successfully done
190214 20:26:24-Ana15 0x4040 detection terminated
190214 20:26:24-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [DTC_MCN0506] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:26:24-Ana15 0x4040 detection started
190214 20:26:24-Ana15 0x4020 detected

190214 20:26:24-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4022) Msg=Detection Successfully done
190214 20:26:24-Ana15 0x4022 detection terminated
190214 20:26:23-Ana15 0x4022 detection started
190214 20:26:23-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4021) Msg=Detection Successfully done
190214 20:26:23-Ana15 0x4021 detection terminated
190214 20:26:23-Ana15 0x4021 detection started
190214 20:26:23-EWS.133 - Level=I Origin=Auto CANBUS Cmd=Detector New (0x4020) Msg=Detection Successfully done
190214 20:26:23-Ana15 0x4020 detection terminated
190214 20:26:22-Ana15 0x4020 detection started
190214 20:26:22-Ana15 0x4000 NOT detected
190214 20:26:22-Ana15 detection started
190214 20:26:22-CAN->Executing Write Id Chip Eeprom-> 54 48 F0 1C FA 00 00 00 00 00 (HEX)
190214 20:26:21-CAN->Answer Read Id Chip Eeprom-> F0 48 54 8A FA F6 C0 12 00 00 (HEX)
190214 20:26:21-Flange board detection OK
190214 20:26:21-Initialization: Vacuum control with flaps detected
190214 20:26:20-CAN->Answer Read Id Chip Eeprom-> F0 48 54 8A FA F6 C0 12 00 00 (HEX)
190214 20:26:20-CAN->Executing Read Id Chip Eeprom-> 54 46 F0 0A 00 00 00 00 (HEX)
190214 20:26:20-CAN->Answer Write Id Chip Eeprom-> F0 42 54 84 (HEX)
190214 20:26:20-CAN->Executing Write Id Chip Eeprom-> 54 48 F0 1C FA 00 00 00 00 00 (HEX)
190214 20:26:20-CAN->Answer Read Id Chip Eeprom-> F0 48 54 8A FA F6 C0 12 00 00 (HEX)
190214 20:26:20-CAN->Executing Read Id Chip Eeprom-> 54 46 F0 0A 00 00 00 00 (HEX)
190214 20:26:20-CAN->Answer Read Id Number-> F0 48 54 8D 8F 11 0E 06 00 00 (HEX)
190214 20:26:20-Initialization: CAN bus communication successfully started
190214 20:26:20-CAN->Executing Read Id Number-> 54 42 F0 0D (HEX)
190214 20:26:20-CAN check done
190214 20:26:20-CAN controller of MOT220 not available
190214 20:26:20-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [LSR_00000001] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:26:20-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [LSR_00000001] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:26:20-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [LSR_00000001] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:26:20-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [LSR_00000001] from file c:/ews/aar.ini Msg=Requested data not found
190214 20:26:20-CAN controller of MOT210 initialized
190214 20:26:19-CanAdi Dev 0x22e0 not available
190214 20:26:18-CanAdi Dev 0x22c0 not available
190214 20:26:17-CanAdi Dev 0x22a0 not available
190214 20:26:16-CanAdi Dev 0x2280 not available
190214 20:26:15-CanAdi Dev 0x2260 not available
190214 20:26:14-CanAdi Dev 0x2240 not available
190214 20:26:13-CanAdi Dev 0x20e0 not available
190214 20:26:12-CanAdi Dev 0x20c0 not available
190214 20:26:11-CAN controller of MOT218 initialized
190214 20:26:11-CAN controller of MOT217 initialized
190214 20:26:11-CAN controller of MOT3216 initialized
190214 20:26:11-CAN controller of MOT2216 initialized
190214 20:26:11-CAN controller of MOT1216 initialized
190214 20:26:11-CAN controller of MOT216 initialized
190214 20:26:11-CAN controller of MOT215 initialized
190214 20:26:11-CAN controller of MOT2213 initialized
190214 20:26:11-CAN controller of MOT1213 initialized
190214 20:26:11-CAN controller of MOT213 initialized
190214 20:26:11-CAN controller of MOT3212 not available
190214 20:26:10-CAN controller of MOT2212 initialized
190214 20:26:10-CAN controller of MOT1212 initialized
190214 20:26:10-CAN controller of MOT212 not available
190214 20:26:10-CAN controller of MOT209 initialized
190214 20:26:10-CAN controller of MOT7208 initialized
190214 20:26:10-CAN controller of MOT2208 initialized
190214 20:26:10-CAN controller of MOT1208 initialized
190214 20:26:10-CAN controller of MOT208 initialized
190214 20:26:10-CAN controller of MOT30 not available
190214 20:26:09-CAN controller of MOT28 initialized
190214 20:26:09-CAN controller of MOT26 initialized
190214 20:26:09-CAN controller of MOT24 not available
190214 20:26:09-Contact=10.10.0.2
190214 20:26:09-CAN controller of MOT23 not available
190214 20:26:08-CAN controller of MOT22 not available
190214 20:26:08-CAN controller of MOT21 not available

190214 20:26:08-CAN controller of MOT20 not available
190214 20:26:08-CAN controller of MOT19 not available
190214 20:26:07-CAN controller of MOT18 not available
190214 20:26:07-CAN controller of MOT17 initialized
190214 20:26:07-CAN controller of MOT16 initialized
190214 20:26:07-CAN controller of MOT14 not available
190214 20:26:06-CAN controller of MOT11 not available
190214 20:26:05-CAN controller of MOT10 not available
190214 20:26:05-CAN controller of MOT9 initialized
190214 20:26:05-CAN controller of MOT8 not available
190214 20:26:05-CAN controller of MOT7 initialized
190214 20:26:05-CAN controller of MOT6 initialized
190214 20:26:05-CAN controller of MOT5 initialized
190214 20:26:05-CAN controller of MOT4 initialized
190214 20:26:05-CAN controller of MOT3 not available
190214 20:26:05-CAN controller of MOT2 initialized
190214 20:26:05-CAN controller of MOT1 not available
190214 20:26:04-CAN controller of MOT0 not available
190214 20:26:04-CAN controller of MOT25 not available
190214 20:26:03-CAN check begin
190214 20:26:00-DSP initialized -> M16SD / 2.480
190214 20:25:58-EWS.10131 - Level=W Origin=EWS.INI: [OCONST] LONGSHORTBRKPT Cmd= Msg=Requested data not found, using default values
190214 20:25:58-EWS.10131 - Level=W Origin=EWS.INI: [OCONST] HVCP Cmd= Msg=Requested data not found, using default values
190214 20:25:58-EWS.10131 - Level=W Origin=EWS.INI: [OCONST] OVS Cmd= Msg=Requested data not found, using default values
190214 20:25:45-Found file c:/DSP/if00m403.bin
190214 20:25:42-Found file c:/DSP/ctr122ab.hex
190214 20:25:37-Signal Dsp: BMS door closed (Reg4=0x0)
190214 20:25:36-Found file c:/dsp/shr_2480.ldr
190214 20:25:35-Found file c:/dsp/s16_2480.hex
190214 20:25:35-Reading options c:/ews/pougr030.bin: OK
190214 20:25:35-Found file c:/ews/pougr030.bin
190214 20:25:35-Reading options c:/ews/poopfat0.bin: OK
190214 20:25:35-Found file c:/ews/poopfat0.bin
190214 20:25:35-Reading options c:/ews/podic034.bin: OK
190214 20:25:35-Found file c:/ews/podic034.bin
190214 20:25:35-Reading optional second c:/ews/pbhr0012.bin: OK
190214 20:25:35-Found file c:/ews/pbhr0012.bin
190214 20:25:35-Reading c:/ews/pa000020.bin: OK
190214 20:25:35-Found file c:/ews/pa000020.bin
190214 20:25:35- 10.10.0.0 255.255.255.0 10.10.0.1 20
190214 20:25:35- 0.0.0.0 0.0.0.0 0.0.0.0 20
190214 20:25:35- DestinationIP DestinationMask GateWay Metric
190214 20:25:35-Route Table:
190214 20:25:34-Gateway = 0.0.0.0
190214 20:25:34-Subnet Mask = 255.255.255.0
190214 20:25:34-IP address = 10.10.0.1
190214 20:25:34-[TCPIP] info from c:/ews/tcpip.ini OK
190214 20:25:34-BOOTP mode reset interval = 3536186s
190214 20:25:34-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [OPTIONS] from file c:/ews/ews.ini Msg=Requested data not found
190214 20:25:34-EWS.114 - Level=I Origin=CfgFileGetSection Cmd=Get section [OPTIONS] from file c:/ews/ews.ini Msg=Requested data not found
190214 20:25:34-[OCONST] constants read from c:/ews/ews.ini failed, using defaults
190214 20:25:34-Waiting 120s for CAN...
190214 20:25:34-Waiting 30s for DSP...
190214 20:25:34-Clear all static msg
190214 20:25:34----------- Start of application -----------

Instrument Status

IStatus	IDL
#CfgPage	12452
#ErrFlag	25
#Rest Scans	0
#Rest Time	0.00
Ext Probe	0
Ext Probe high glitch	0
Ext Probe low glitch	0
Ext Probe glitches	0x0

#Pressure IF Comp	838
#Pressure Sample Comp	838
#Status IF Comp	1
#Status Sample Comp	1
#Status Flaps	1

List of checked functions

Scanner	OK
Detectors	OK
Laser	OK
IR Source	OK
Automation Units	OK
Instrument Ready	OK

Scanner

Scanner Status	Idle

Scanner	Front	Peak	Center	Back
Position [fringes]	0.00	118589.00	2000000.00	4000000.00
Drive Power [%]	-100.00	-94.07	0.00	100.00
Parameter	CPP	CPI	VEL	SCLen
Main control 2	60	123	20000	3999

Lasersignals	Front	Live max.	Live min.	Back
Phase A-B Forward [°]		105.0	104.0	
Phase A-B Backward [°]		113.0	109.0	
Laser A Ampl [mV]	4.770	5.731	4.770	0.000
Laser A Offs [mV]	-3.612	-3.557	-3.647	0.000
Laser B Ampl [mV]	4.758	5.259	4.927	0.000
Laser B Offs [mV]	-3.641	-3.624	-3.694	0.000
Main control Diff [%]		-500.0	500.0	
Main control OutPut [%]	-305.2			305.2
Numerator IIR	G0	G1	G2	
value	0	-0	0	0
Denominator IIR	D0	D1	D2	
value	1	-2	1	0

Scannerblock Temperature [°C]	23.8
Humidity IF Compartment [%]	0

LN-InSb FOV=30° [Internal Pos.1]

Detector selected	YES	DTC=0x4020	PIC Vers 5.9	SNo. ISB0244	ECL00	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: Error immediately	Channel right = Preamp A	Max Data Rate=160000 Hz			
Preamp board status	READY	PreampPower=ON	PGN=0 (0..3)			
Detector properties	Range: 1850..10000	Vels: 400..20000..160000	NL coef: 1830wn, 1.000	Recov. time: 1s		
	Gains: 1.0/4.1/17.4/0.3	Delays: 1000/1100/1200/1600ns				

LN-InSb FOV=30° DC [Internal Pos.1]

Detector selected	NO	DTC=0x4021	PIC Vers 5.9	SNo. ISB0244_1	ECL00	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: Error immediately	Channel left = Preamp A	Max Data Rate=160000 Hz			
Preamp board status	READY	PreampPower=ON	PGN=0 (0..3)			
Detector properties	Range: 1850..10000	Vels: 400..20000..160000	NL coef: 1830wn, 1.000	Recov. time: 1s		
	Gains: 1.0/4.1/17.4/0.3	Delays: 1000/1100/1200/1600ns				

LN-InSb FOV=30° AC+DC [Internal Pos.1]

Detector selected	NO	DTC=0x4022	PIC Vers 5.9	SNo. ISB0244_2	ECL00	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1
	Error Level: Error immediately	Channel right = Preamp A	Channel left = Preamp A	Max Data Rate=160000 Hz	
Preamp board status	READY	PreampPower=ON	PGN=0 (0..3)		
Detector properties	Range: 1850..10000	Vels: 400..20000..160000	NL coef: 1830wn, 1.000	Recov. time: 1s	
	Gains: 1.0/4.1/17.4/0.3	Delays: 1000/1100/1200/1600ns			

LN-MCT Narrow FOV=30° 12H [Internal Pos.2]

Detector selected	NO	DTC=0x4040	PIC Vers 5.9	SNo. MCN0506	ECL05	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: Error immediately	Channel right = Preamp A	Max Data Rate=160000 Hz			
Preamp board status	NOT READY	PreampPower=OFF	PGN=0 (0..3)			
	Digits Bias Current: 121	Digits Bias Voltage: 103				
Detector properties	Range: 850..12000	Vels: 0..20000..160000	NL coef: 720wn, 0.900	Recov. time: 1s		
	Gains: 1.0/3.2/10.0/31.9	Delays: 1000/1100/1200/1300ns				

LN-MCT Narrow FOV=30° 12H DC [Internal Pos.2]

Detector selected	NO	DTC=0x4041	PIC Vers 5.9	SNo. MCN0506_1	ECL05	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: Error immediately	Channel left = Preamp B	Max Data Rate=160000 Hz			
Preamp board status	READY	PreampPower=OFF	PGN=0 (0..3)			
	Digits Bias Current: 121	Digits Bias Voltage: 103				
Detector properties	Range: 850..12000	Vels: 0..20000..160000	NL coef: 720wn, 0.900	Recov. time: 1s		
	Gains: 1.0/3.2/10.0/0.3	Delays: 1000/1100/1200/1300ns				

LN-MCT Narrow FOV=30° 12H AC+DC [Internal Pos.2]

Detector selected	NO	DTC=0x4042	PIC Vers 5.9	SNo. MCN0506_2	ECL05	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: Error immediately	Channel right = Preamp A	Channel left = Preamp B	Max Data Rate=160000 Hz		
Preamp board status	NOT READY	PreampPower=OFF	PGN=0 (0..3)			
	Digits Bias Current: See at DTC=0x4040 and/or DTC=0x4041	Digits Bias Voltage: See at DTC=0x4040 and/or DTC=0x4041				
Detector properties	Range: 850..12000	Vels: 0..20000..160000	NL coef: 720wn, 0.900	Recov. time: 1s		
	Gains: 1.0/3.2/10.0/0.3	Delays: 1000/1100/1200/1300ns				

RT-Si Diode AC [Internal Pos.3]

Detector selected	NO	DTC=0x4080	PIC Vers 4.6	SNo.	ECL00	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: Error immediately	Channel right = Preamp A	Max Data Rate=160000 Hz			
Preamp board status	READY	PreampPower=OFF	PGN=0 (0..3)			
Detector properties	Range: 8500..25000	Vels: 400..10000..80000	NL coef: 8500wn, 1.000	Recov. time: 1s		
	Gains: 1.0/10.0/100.0/0.4	Delays: 1100/7600/8500/500ns				

RT-Si Diode DC [Internal Pos.3]

Detector selected	NO	DTC=0x4081	PIC Vers 4.6	SNo. _1	ECL00	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: No Error Messages	Channel left = Preamp A	Max Data Rate=160000 Hz			
Preamp board status	READY	PreampPower=OFF	PGN=0 (0..3)			
Detector properties	Range: 8500..25000	Vels: 400..10000..80000	NL coef: 8500wn, 1.000	Recov. time: 1s		
	Gains: 1.0/10.0/100.0/0.4	Delays: 1100/7600/8500/500ns				

RT-Si Diode AC + RT-Si Diode DC [Internal Pos.3]

Detector selected	NO	DTC=0x4082	PIC Vers 4.6	SNo. _2	ECL00	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: Error immediately	Channel right = Preamp A	Channel left = Preamp A	Max Data Rate=160000 Hz		
Preamp board status	READY	PreampPower=OFF	PGN=0 (0..3)			
Detector properties	Range: 8500..25000	Vels: 400..10000..80000	NL coef: 8500wn, 1.000	Recov. time: 1s		
	Gains: 1.0/10.0/100.0/0.4	Delays: 1100/10464/8500/500ns				

RT- InGaAs AC [Internal Pos.4]

Detector selected	NO	DTC=0x40C0	PIC Vers 5.7	SNo. IGEH0126	ECL05	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: No Error Messages	Channel right = Preamp A	Max Data Rate=160000 Hz			
Preamp board status	READY	PreampPower=OFF	PGN=0 (0..3)			
Detector properties	Range: 5800..14000	Vels: 400..2200..10000	NL coef: 5800wn, 1.000	Recov. time: 1s		

Gains: 1.0/10.0/212.8/1063.8 | Delays: 1100/7600/8500/10000ns

RT-InGaAs DC [Internal Pos.4]

Detector selected	NO	DTC=0x40C1	PIC Vers 5.7	SNo. IGEH0126_1	ECL05	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: No Error Messages	Channel left = Preamp A	Max Data Rate=160000 Hz			
Preamp board status	READY	PreampPower=OFF	PGN=0 (0..3)			
Detector properties	Range: 5800..12800	Vels: 400..10000..80000	NL coef: 5800wn, 1.000	Recov. time: 1s		
	Gains: 1.0/10.0/100.0/0.4	Delays: 1100/7600/8500/500ns				

RT-InGaAs AC + RT-InGaAs DC [Internal Pos.4]

Detector selected	NO	DTC=0x40C2	PIC Vers 5.7	SNo. IGEH0126_2	ECL05	BoardType 017
Analog board settings	MUX=IR	TRW=OFF	HPF=ON	GNS=1	SG2=1	
	Error Level: No Error Messages	Channel right = Preamp A	Channel left = Preamp A	Max Data Rate=160000 Hz		
Preamp board status	READY	PreampPower=OFF	PGN=0 (0..3)			
Detector properties	Range: 5800..14000	Vels: 400..10000..80000	NL coef: 5800wn, 1.000	Recov. time: 1s		
	Gains: 1.0/10.0/100.0/0.4	Delays: 1100/7600/8500/500ns				

Laser

Current state	On		
Desired state	On	LSR=1	READY
Total run time	154 days, 10 hours, 46 mn	since Mon, 26 Mar 2018 19:37:04	

Source

Desired state = Off All (SRC=0)	NOT READY

Details of Source(s)

IR Source type	Current state	Total run time	In use since
NIR (SRC=104)	OFF	6 days, 23 hours, 42 mn	Tue, 27 Mar 2018 17:40:37
MIR (SRC=105)	OFF	24 days, 17 hours, 6 mn	Fri, 13 Apr 2018 16:20:36
FIR (SRC=106)	OFF	0 mn	Fri, 29 Jun 2018 18:45:56
Emission input (SRC=200)		not available	

Raman Laser Operation

Raman	Not Available

General Info

Bms Door	Closed

Beamsplitter Position 1: KBr

Type	KBr	High wavenumber linit [cm-1]	4800	Flag laser amplifier		Off
Id	060E118F	Low Wavenumber Linit [cm-1]	420	Scanner will continue to move during evacuating or venting		Yes
Bms selected	Yes	Auto align mode enabled	No	Standard (not throttled) instrument evacuating		Yes

Ready status

Function	Enabled (if checked)	Current State
Detector cooled	☑	READY
Sample temperature stable	☐	READY
Vacuum control ready	☐	READY

Instrument Test Classes

Number	Selected	Interval	Time of Performance Qualification	Time Difference [h]	Status	Lwn
1	no	0	Thu, 01 Jan 1970 00:00:00 (0)		disabled	0

List of Commands

Name	Description	Current Value	Code	Busy status	Ready	Error
AAR	Automatic Accessory Recognition			0x0000		
ABP	Absolute Peak Location	118589		0x0000	READY	
ABT	Detector Board Type	17		0x0000	READY	
ADM	Adjust modes	Reinit Scanner	0	0x0000		
ADS	Set ADC conversation rate	40 KHz	48	0x0000		

AMD	Acquisition mode	1		0x0000	
AP2	Aperture at sample compartment	???	0	0x0000	
APT	Aperture	???	12000	0x0000	
AQM	Acquisition Mode	Double Sided,Forward-Backward	17476	0x0000	
ASS	Transmitt applet configur.	0		0x0000	
BIA	Set Current Bias	0		0x0000	
BMS	Beamsplitter	KBr	1	0x0000	
BRK	Break	Stop	2	0x0000	
CFC	Compensation Filter Coefficients	Default_Text		0x0000	
CFE	Compensating Filter Enable	Off	0	0x0000	
CFO	Compensating Filter	Off	0	0x0000	READY
CHK	Check	mcdaq.status	1	0x0000	
CHN	Measurement Channel	???	0	0x0000	
CMA	Correlation Mask	ADC FS	4	0x0000	READY
CNM	Operator Name	My name		0x0000	
COR	Correlation	OFF	48	0x0000	
CPF	Compensation Filter	0		0x0000	
CPI	Control Parameter I	140		0x0000	READY
CPJ	I-Factor Outer Motor Ctrl	50000.00		0x0000	
CPP	Control Parameter P	80		0x0000	READY
CPQ	P-Factor Outer Motor Ctrl	80.00		0x0000	READY
CPS	I-Factor: inner tilting -> OMot	0.50		0x0000	
CPT	P-Factor: inner tilting -> OMot	1.00		0x0000	
DDM	Display During Measurement	0		0x0000	
DEL	Delay Before Measurement	0		0x0000	
DFO	Supported Data format	DFO_IGRAM	2	0x0000	
DLR	Delay Between Repeats	0		0x0000	
DLY	Stabilization delay	1		0x0000	
DTC	Detector Setting	Internal Pos.1	16416	0x0000	READY
EC0	channel_0 input	0		0x0000	
EC1	channel_1 input	0		0x0000	
EC2	channel_2 input	0		0x0000	
EC3	channel_3 input	0		0x0000	
ESC	turn on/off udp scope	0		0x0000	
FLP	Flaps control	Open flaps	0	0x0000	
FMD	Filter Mode	***	10	0x0000	
GBS	Go Back Short	0		0x0000	
GNS	Signal Gain	x1	49	0x0000	READY
HFW	Wanted High Frequency Limit [cm-1]	8000.00		0x0000	
HPF	High Pass Filter	On	49	0x0000	READY
ISR	Interleave factor real time applet	0		0x0000	
ITC	Instrument Test Class	0		0x0000	
ITI	Instrument Test Interval	0		0x0000	
IXD	FPA Interleaved Factor	0		0x0000	
JMW	Test parameter	0		0x0000	
LCH	Limit Correlation High	32768		0x0000	
LCL	Limit Correlation Low	0		0x0000	
LFT	Life time	0		0x0000	
LFW	Wanted Low Frequency Limit [cm-1]	200.00		0x0000	
LGL	Log level	Standard	1	0x0000	
LPF	Low Pass Filter	40 kHz	40000	0x0000	
LSR	Laser ON/OFF	On	1	0x0000	READY
LWN	Laser Wavenumber	15798.00		0x0000	
MIN	Measurement time in minutes	0.25		0x0000	
NEW	Parameter_description	???	1601465461	0x0000	
NSS	Number of scan	4		0x0000	
OF1	Optical filter at det. pos. 1 and 2	???	0	0x0000	
OPF	Optical Filter	Filter 1	1	0x0000	
PGN	Preamplifier Gain	A	48	0x0000	READY
PHR	Phase Resolution	128.00		0x0000	
PLL	PLLdummy	No PLL	1	0x0000	

RDX	Ready mask	Detector cooled	2		0x0000	READY
RDY	Instrument Ready Status	0			0x0000	
REP	Repeat the Measurement	1			0x0000	
RES	Resolution	4.00			0x0000	
RST	Reset	???	0		0x0000	
SFM	Sample Form	Vapour			0x0000	
SG2	Left Channel Signal Gain	x1	49		0x0000	READY
SNM	Sample Name	Water			0x0000	
SON	External Trigger	Off	0		0x0000	
SOT	Scans or Minutes	Scans	48		0x0000	
SRC	Source	Off All	0		0x0000	
STL	record length time controlled mode	0.00			0x0000	
TDL	FT to do list	Interferogram	2		0x0000	
TRW	IR/TRW Selection	IR	0		0x0000	READY
TSR	Tolerance Scan Range	0			0x0000	
UME	Browser Measurement Menu	Default_Text			0x0000	
UWN	Channel specific LWN	Off	0		0x0000	
VAC	Vacuum control	Standby	0		0x0000	
VEL	Velocity	10 kHz	10000		0x0000	
VLV	Valve control	Open valve evac. interfer. comp.	0		0x0000	
VSC	Velocity Scanner	0			0x0000	
XBD	Boot DSP	Default_Text			0x0000	
XCM	Test Command Create Message	Default_Text			0x0000	
XD1	IIR-Filter-Coeff	-0.10			0x0000	READY
XD2	IIR-Filter-Coeff	0.06			0x0000	READY
XDR	Dsp IO Read	0			0x0000	
XDW	Dsp IO Write hword=addr lword=value	0			0x0000	
XG1	IIR-Filter-Coeff	-1.75			0x0000	READY
XG2	IIR-Filter-Coeff	0.78			0x0000	READY
XND	XA Delay in nsec	0			0x0000	
XSM	xa sampling mode	1			0x0000	READY
XSY	sync. IIR-Filter	1			0x0000	READY
XXA	DSP-Testcommand	0			0x0000	
_EP	Send EWS parameter to DSP	8500000			0x0000	READY
_GI	Get Information	0			0x0000	READY
_GP	Get Intermediate Result	0			0x0000	
_GR	Get Result	0			0x0000	
_ME	Measure	0			0x0000	
_MX	Multiplexer IR/TRW	???	0		0x0000	
_PS	Periodic status request	500			0x0000	READY
_SP	Set Parameter	0			0x0000	
_TR	Trigger Measurement	0			0x0000	

Standard CAN Devices (CAN-S)

Mot Number	Hex Address	Type	Used in	Current Pos	Timeout	Status Ready	Error	Running	Initialized	Connected	Firmware version
25	0x9900	Motor		0	30						
0	0x8000	Interferometer Motor 0	IM0	0	60						
1	0x8100	Interferometer Motor 1	IM1	0	60						
2	0x8200	Aperture (2)	APT	0	20				X	X	25
3	0x8300	Motor (2)		0	20						25
4	0x8400	Source (2)	SRC	0	20				X	X	25
5	0x8500	Source (2)	SRC	0	20				X	X	25
6	0x8600	Aperture at sample compartment (2)	AP2	0	20				X	X	25
7	0x8700	Optical Filter (2)	OPF	5	20				X	X	25
8	0x8800	Measurement Channel (2)	CHN	0	30						25
9	0x8900	Measurement Channel (2)	CHN	0	15				X	X	25
10	0x8A00	Measurement Channel	CHN	0	20						
11	0x8B00	Measurement Channel	CHN	0	20						
14	0x8E00	Motor		0	10						
16	0x9000	Optical filter at det. pos. 1 and 2 (	OF1	1	20				X	X	25

		2)									
17	0x9100	Detector Setting (2)	DTC	0	20	READY			X	X	25
18	0x9200	Motor		0	20						
19	0x9300	Optical filter at det. pos. 3 and 4	OF2	1	20						
20	0x9400	Motor (2)		17316	60						25
21	0x9500	Motor (2)		714	40						25
22	0x9600	Optical filter dichroit det. pos. 1	OF3	1	20						
23	0x9700	Optical filter dichroit det. pos. 2	OF4	1	20						
24	0x9800	Source	SRC	0	30						
26	0x9A00	Measurement Channel (2)	CHN	1	20				X	X	25
28	0x9C00	Measurement Channel (2)	CHN	0	20				X	X	25
30	0x9E00	Measurement Channel	CHN	0	20						
1208	0x5020	Source MIR (65)	SRC	0	4				X	X	16
2208	0x5040	Source FIR (66)	SRC	0	4				X	X	16
7208	0x50E0	Source Holder (60)		0	3				X	X	16
209	0x5100	Standard Motor (D8)		0	2				X	X	16
213	0x5500	Vacuum Control (DE)	VAC	0	10				X	X	16
1213	0x5520	IFS125 Flangeboard (13)		0	3				X	X	16
2213	0x5540	IFS125 Flangeboard (13)		0	3				X	X	16
215	0x5700	DC Motor (D0)	FLP	0	10				X	X	16
216	0x5800	Valve (D3)	VLV	0	2				X	X	16
1216	0x5820	Valve (D3)	VLV	0	2				X	X	16
2216	0x5840	Valve (D3)	VLV	0	2				X	X	16
3216	0x5860	Valve (D3)	VLV	0	2				X	X	16
217	0x5900	Standard Motor (D8)		0	2				X	X	16
218	0x5A00	Standard Motor (D8)		0	2				X	X	16
6160	0x20C0	CAN-ADI Digout		0	5						
7160	0x20E0	CAN-ADI Digin		0	5						
2162	0x2240	CAN-ADI ADC 1		0	5						
3162	0x2260	CAN-ADI ADC 2		0	5						
4162	0x2280	CAN-ADI DAC 1		0	5						
5162	0x22A0	CAN-ADI DAC 2		0	5						
6162	0x22C0	CAN-ADI Digout		0	5						
7162	0x22E0	CAN-ADI Digin		0	5						
220	0x5C00			0	10						

COMBO Cmds

ADM	*!0=Reinit Scanner@*!1=Fast Adjust Mode@*!2=Stop Mode@*!3=Slow Adjust Mode@*!4=Front Short Adjust Mode@*!5=Back Short Adjust Mode@
AP2	*!500=0.5 mm@*!800=0.8 mm@*!1000=1 mm@*!1150=1.15 mm@*!1300=1.3 mm@*!1500=1.5 mm@*!1700=1.7 mm@*!2000=2 mm@*!2500=2.5 mm@*!3150=3.15 mm@*!4000=4 mm@*!5000=5 mm@*!6300=6.3 mm@*!8000=8 mm@*!10000=10 mm@*!12500=12.5 mm@
APT	*!500=0.5 mm@*!800=0.8 mm@*!1000=1 mm@*!1150=1.15 mm@*!1300=1.3 mm@*!1500=1.5 mm@*!1700=1.7 mm@*!2000=2 mm@*!2500=2.5 mm@*!3150=3.15 mm@*!4000=4 mm@*!5000=5 mm@*!6300=6.3 mm@*!8000=8 mm@*!10000=10 mm@*!12500=12.5 mm@
AQM	*!DD=Double Sided,Forward-Backward@*!SD=Single Sided,Forward-Backward@*!DN=Double sided@*!SN=Single sided@
BMS	*!1=KBr@
BRK	*!1=Abort@*!2=Stop@*!4=Skip waiting for delay@*!8=Skip waiting for trigger@*!16=Skip waiting for ready@*!32=Stop Repeated Measurement@
CFE	*!0=Off@*!1=On@
CFO	*!0=Off@*!1=On Right Channel@*!2=On Left Channel@*!3=On Both Channel@
CHK	*!1=mcdaq.status@*!2=mcdaq.status & =0;@
CHN	*!1=Front sample compartment@*!2=Back sample compartment@*!6=Front parallel exit@
CMA	*!4=ADC FS@*!8=Vel@*!32=IFG_Length_Diff@*!64=Signal Amplitude Limits@*!128=Start on Signal Amplitude Limits@*!256=Stop on Signal Amplitude Limits@*!512=Gate scans CTR@*!1024=Gate scans SCT@
COR	*!0=OFF@*!1=ON@
DFO	*!2=DFO_IGRAM@
DTC	*!16416=LN-InSb FOV=30° [Internal Pos.1]@*!16417=LN-InSb FOV=30° DC [Internal Pos.1]@*!16418=LN-InSb FOV=30° AC+DC [Internal Pos.1]@*!16448=LN-MCT Narrow FOV=30° 12H [Internal Pos.2]@*!16449=LN-MCT Narrow FOV=30° 12H DC [Internal Pos.2]@*!16450=LN-MCT Narrow FOV=30° 12H AC+DC [Internal Pos.2]@*!16512=RT-Si Diode AC [Internal Pos.3]@*!16513=RT-Si Diode DC [Internal Pos.3]@*!16514=RT-Si Diode AC + RT-Si Diode DC [Internal Pos.3]@*!16576=RT- InGaAs AC [Internal Pos.4]@*!16577=RT-InGaAs DC [Internal Pos.4]@*!16578=RT-InGaAs AC + RT-InGaAs DC [Internal Pos.4]@
FLP	*!0=Open flaps@*!1=Close flaps@
FMD	*!2=MC: Interpolationfilter, /CopyOut@*!8=MC: ON, /OFF@*!131072=SC: Interpolationfilter, /CopyOut@*!524288=SC: ON, /OFF@
GNS	*!1=x1@*!2=x2@*!4=x4@*!8=x8@*!16=x16@
HPF	*!0=Open@*!1=On@
LPF	*!5.00=5 kHz@*!10.0=10 kHz@*!20.0=20 kHz@*!40.0=40 kHz@*!80.0=Open@

Code	Description
LSR	*!0=Off@*!1=On@
OF1	*!1=Filter 1@*!2=Filter 2@*!3=Filter 3@*!4=Filter 4@*!5=Filter 5@*!6=Filter 6@*!7=Filter 7@*!8=Open@
OPF	*!1=Filter 1@*!2=Filter 2@*!3=Filter 3@*!4=Filter 4@*!5=Filter 5@*!6=Filter 6@*!7=Filter 7@*!8=Open@
PGN	*!0=A@*!1=B@*!2=C@*!3=Ref@
PLL	*!□=No PLL@*!□=PLLX2@*!□=PLLX3@*!□=PLLX4@*!□=PLLX5@
RDX	*!2=Detector cooled@*!8=Sample temperature stable@*!16=Vacuum control ready@
SG2	*!1=x1@*!2=x2@*!4=x4@*!8=x8@*!16=x16@
SON	*!0=Off@*!1=On@*!4=Trigger Measurement@*!8=Trigger Sequence@
SOT	*!0=Scans@*!1=Minutes@
SRC	*!-106=FIR Off@*!-105=MIR Off@*!-104=NIR Off@*!0=Off All@*!104=NIR@*!105=MIR@*!106=FIR@*!200=Emission input@
TDL	*!2=Interferogram@*!4=Single Channel@
TRW	*!0=IR@*!1=Test Ramp@*!2=Shorted Input@*!3=IR with TKDA pulse@
UWN	*!0=Off@*!1=On@
VAC	*!0=Standby@*!1=Evacuate instrument@*!3=Vent instrument@*!4=Evacuate interferometer compartment@*!5=Evacuate sample compartment@*!6=Vent sample compartment@
VEL	*!5.00=5 kHz@*!7.50=7.5 kHz@*!10.0=10 kHz@*!15.0=15 kHz@*!20.0=20 kHz@*!30.0=30 kHz@*!40.0=40 kHz@*!60.0=60 kHz@*!80.0=80 kHz@
_MX	*!48=IR@*!49=TRW@
AAR	@string
ABP	@int
AMD	@int
BIA	@int
CNM	@string
CPF	@int
CPI	@int
CPP	@int
DDM	@int
DEL	@int
DLR	@int
DLY	@int
GBS	@int
HFW	@double
ITC	@int
ITI	@int
JMW	@int
LCH	@int
LCL	@int
LFT	@int
LFW	@double
LWN	@double
MIN	@double
NSS	@int
PHR	@double
RDY	@int
REP	@int
RES	@double
SFM	@string
SNM	@string
TSR	@int
XCM	@string
XND	@int
XXA	@int
_GP	@int
_GR	@int
_ME	@int
_PS	@int
_SP	@int
_TR	@int

Additional parameters for Cmds

Code	Description
BIA	*!DTC=16449*?[-1,255]?*@
DTC	*!16416=1830;1@*!16417=1830;1@*!16418=1830;1@*!16448=720;0.9@*!16449=720;0.9@*!16450=720;0.9@*!16512=8500;1@*!16513=8500;1@*!16514=
ITC	*!1=0cm-1@

Auto Accessory Recognition

Accessory	
Beamsplitter	*!IDC=0107BE64@*!LOC=0x0@*!TYP=Quartz VIS@*!HFQ=25000@*!LFQ=8500@*!XD1=-0.096541@*!XD2=0.062932@*!XG1=-1.750453@*!X VIS@*!HFQ=25000@*!LFQ=8500@*!XD1=-0.096541@*!XD2=0.062932@*!XG1=-1.750453@*!XG2=0.779776@*!CPP=80.000000@*!CPI=140.00 NIR@*!HFQ=12000@*!LFQ=3000@*!IDC=060DF0D4@*!LOC=0x0@*!TYP=Glass alignment only!@*!HFQ=25000@*!LFQ=5000@
Detector	*!IDC=IGEH0126@*!LOC=0x40c0@*!NAM=RT- InGaAs AC@*!HFQ=14000@*!LFQ=5800@*!MXD=160000@*!IDC=IGEH0126_1@*!LOC=0x40 FOV=30°@*!HFQ=10000@*!LFQ=1850@*!MXD=160000@*!IDC=MCN0505@*!LOC=0x0@*!NAM=LN-MCT Narrow 24H@*!HFQ=12000@*!LF MCT Narrow FOV=30° 12H AC+DC@*!HFQ=12000@*!LFQ=850@*!MXD=160000@*!IDC=_1@*!LOC=0x4081@*!NAM=RT-Si Diode DC@*!HF
Source	*!IDC=00000001@*!TYP=MIR@*!HFQ=10000cm-1@*!LFQ=30cm-1@*!LOC=0x0@*!IDC=00000002@*!TYP=NIR@*!HFQ=16000cm-1@*!LFQ=
Aperture	

c:/ews/ews.ini

```
[EWS_INI]
1.02

[OCONST]
MAXDR=160000
MAXRES=0.0015
MAXPHASERES=0.2
MAXPLL=4
MAXXAS=8
KLWN=15798.067610
FOC=418
MAXEBW=80000
BWDLSPOS=22450000

[OPTIONS]
RAMAN=0
RMNSDT=0.000233
PEAKSEARCH=1
XADEGL=1
XASTEP=1
RWN1000=9393.7cm-1
RPW1000=2500mW
VELCORMAXDIFF=2.0
TSRPTR=0
FINDPEAKRNG122=200000
LONGSHORTBRKPT=650

[INITCMD]
RDX=2
CMA=4
XD1=-0.0965405
XD2=0.062932
XG1=-1.7504527
XG2=0.7797762
XSY=1
XSM=1
CPP=80
CPI=140
CPQ=80

[ENABLE]

[ITI]
ITC=1;ITI=0;ITN=0;ITS=0

[END]
```

c:/ews/tcpip.ini

```
[EWS_INI]
1.01

[TCPIP]
ADDRESS=10.10.0.1
MASK=255.255.255.0
GATEWAY=0.0.0.0
DNS=0.0.0.0

[TIME]
DAYLS=1

[END]
```

c:/ews/aar.ini

```
[AAR_INI]
1.01

[SRC_00000001]
TYP=MIR
HFQ=10000cm-1
LFQ=30cm-1
LOC=0x0

[SRC_00000002]
TYP=NIR
HFQ=16000cm-1
LFQ=2000cm-1
LOC=0x2
```

```
[SRC_00000068]
LOC=0x68
TYP=NIR
HFQ=18000cm-1
LFQ=2000cm-1
LFT=3000

;OSRAM visible
;[SRC_00000068]
;LOC=0x68
;TYP=NIR
;HFQ=25000cm-1
;LFQ=4000cm-1
;LFT=50

[SRC_00000069]
LOC=0x69
TYP=MIR
HFQ=10000cm-1
LFQ=30cm-1
LFT=44000

[SRC_0000006A]
LOC=0x6A
TYP=FIR
HFQ=600cm-1
LFQ=5cm-1
LFT=800


[LSR_00000001]
TYP=HeNe
LFT=22000

[SRC_000000C8]
LOC=0xC8
TYP=?

[SRC_000000C9]
LOC=0xC9
TYP=?

[BMS_0107BE64]
LOC=0x0
TYP=Quartz VIS
HFQ=25000
LFQ=8500
XD1=-0.096541
XD2=0.062932
XG1=-1.750453
XG2=0.779776
CPP=100.000000
CPI=140.000000
CPQ=80.000000
ABP=100000.000000
CPS=140.000000

[DTC_IGEH0126]
LOC=0x40c0
NAM=RT- InGaAs AC
HFQ=14000
LFQ=5800
MXD=160000

[DTC_IGEH0126_1]
LOC=0x40c1
NAM=RT-InGaAs DC
HFQ=12800
LFQ=5800
MXD=160000

[DTC_IGEH0126_2]
LOC=0x40c2
NAM=RT-InGaAs AC + RT-InGaAs DC
HFQ=14000
LFQ=5800
MXD=160000

[DTC_CLS438]
LOC=0x0
NAM=Classic Style
HFQ=55000
LFQ=0
MXD=160000

[BMS_00DEE045]
LOC=0x0
TYP=CaF2




HFQ=11000
```

```
LFQ=1100
XD1=-0.096541
XD2=0.062932
XG1=-1.750453
XG2=0.779776
CPP=80.000000
CPI=140.000000
CPQ=80.000000
ABP=119150.000000

[DTC_SIR0346]
LOC=0x4080
NAM=
HFQ=0
LFQ=0
MXD=80000

[DTC_SIR0346_1]
LOC=0x0
NAM=RT-Si Diode  AC
HFQ=25000
LFQ=8500
MXD=160000

[DTC_SIR0346_2]
LOC=0x0
NAM=RT-Si Diode DC + RT-Si Diode AC
HFQ=25000
LFQ=8500
MXD=160000

[BMS_00DDAC75]
LOC=0x0
TYP=KBr
HFQ=4800
LFQ=400
ABP=118978.000000
XD1=-0.096541
XD2=0.062932
XG1=-1.750453
XG2=0.779776
CPP=80.000000
CPI=140.000000
CPQ=80.000000

[DTC_]
LOC=0x4080
NAM=RT-Si Diode AC
HFQ=25000
LFQ=8500
MXD=160000

[DTC_MCM0058]
LOC=0x0
NAM=LN-MCT Mid FOV=30°
HFQ=12000
LFQ=600
MXD=80000

[DTC_ISB0244]
LOC=0x4020
NAM=LN-InSb FOV=30°
HFQ=10000
LFQ=1850
MXD=160000

[BMS_01F7366F]
LOC=0x0
TYP=Quartz VIS
HFQ=25000
LFQ=8500
XD1=-0.096541
XD2=0.062932
XG1=-1.750453
XG2=0.779776
CPP=80.000000
CPI=140.000000
CPQ=80.000000
ABP=118480.000000

[DTC_MCN0505]
LOC=0x0
NAM=LN-MCT Narrow 24H
HFQ=12000
LFQ=850
MXD=160000

[DTC_MCN0505_1]
CMD=*?BIA=*?[-1,255]?*?*
LOC=0x0
NAM=LN-MCT Narrow 24H DC
HFQ=12000
LFQ=850
MXD=160000

[DTC_MCN0505_2]
LOC=0x0
NAM=LN-MCT Narrow 24H AC+DC
```

```
HFQ=12000
LFQ=850
MXD=160000

[BMS_0100822D]
LOC=0x0
TYP=
HFQ=0
LFQ=0

[BMS_060E1A89]
LOC=0x0
TYP=KBr
HFQ=7000
LFQ=420
ABP=118686.000000
XD1=-0.096541
XD2=0.062932
XG1=-1.750453
XG2=0.779776
CPP=80.000000
CPI=140.000000
CPQ=80.000000

[BMS_060E415B]
LOC=0x0
TYP=CaF2
HFQ=11000
LFQ=1200
ABP=118769.000000
XD1=-0.096541
XD2=0.062932
XG1=-1.750453
XG2=0.779776
CPP=80.000000
CPI=140.000000
CPQ=80.000000

[DTC_MCN0506]
LOC=0x4040
NAM=LN-MCT Narrow FOV=30° 12H
HFQ=12000
LFQ=850
MXD=160000

[DTC_STAKSTAKSTA]
LOC=0x0
NAM=
HFQ=0
LFQ=0
MXD=80000

[BMS_060DF6B0]
LOC=0x0
TYP=CaF2
HFQ=12000
LFQ=1100
ABP=118444.000000

[DTC_ISB0244_1]
LOC=0x4021
NAM=LN-InSb FOV=30° DC
HFQ=10000
LFQ=1850
MXD=160000

[DTC_ISB0244_2]
LOC=0x4022
NAM=LN-InSb FOV=30° AC+DC
HFQ=10000
LFQ=1850
MXD=160000

[DTC_MCN0506_1]
CMD=*?BIA=*?[-1,255]?*?*
LOC=0x4041
NAM=LN-MCT Narrow FOV=30° 12H DC
HFQ=12000
LFQ=850
MXD=160000

[DTC_MCN0506_2]
LOC=0x4042
NAM=LN-MCT Narrow FOV=30° 12H AC+DC
HFQ=12000
LFQ=850
MXD=160000

[DTC__1]
LOC=0x4081
NAM=RT-Si Diode  DC
HFQ=25000
LFQ=8500
MXD=160000

[DTC__2]
LOC=0x4082
NAM=RT-Si Diode AC + RT-Si Diode DC
```

```
HFQ=25000
LFQ=8500
MXD=160000

[BMS_060E118F]
LOC=0x01
TYP=KBr
HFQ=4800
LFQ=420
ABP=118589.000000
XD1=-0.096541
XD2=0.062932
XG1=-1.750453
XG2=0.779776
CPP=80.000000
CPI=140.000000
CPQ=80.000000

[BMS_060E0E23]
LOC=0x0
TYP=Quartz NIR
HFQ=12000
LFQ=3000

[BMS_060DF0D4]
LOC=0x0
TYP=Glass alignment only!
HFQ=25000
LFQ=5000

[END]
```

Messages

| No error |

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