

XRT Timeline to be uploaded on 2009/01/13

Period: 2009/01/13 11:06:00 - 2009/01/17 09:47:00

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Normal mode

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XOB #1630: Al/poly 384FOV Q95 - 60s-cad - Ti/poly + Thin-Be context - AEC1													
Term	Pointing (x, y)							Comment					
01/13 11:18:02 - 01/13 17:42:00	Track (-25.9, -0.2) ^{Ⓜ 01/13 11:16:00}							# OP start + 10min, HOP94					
PROG= 17 Inf.-time(s)													
└─ Subr= 1 30-time(s) 60.0sec													
└─ Seqn= 26 1-time(s) 30.0sec													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
└─ Subr= 2 1-time(s) 4.0sec													
└─ Seqn= 21 2-time(s) 4.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Dark	22.6s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #15A3: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)													
Term	Pointing (x, y)							Comment					
01/13 18:07:30 - 01/13 18:15:24	Fixed (0.0, 0.0)							synoptic, shifted 5.5 min					
01/14 17:57:30 - 01/14 18:05:24	Fixed (0.0, 0.0)							synoptic, shifted -4.5 min					
PROG= 07 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 36 1-time(s) 4.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 67 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 88 1-time(s) 4.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 92 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1639: AR multifilter - Al/mesh,Ti/Poly,Al/Poly,Thin-Be FOV384 AEC4 Q95- 5 min cadence													
Term	Pointing (x, y)							Comment					
01/13 18:17:32 - 01/14 05:52:24	Track (302.3, 378.4) ^{Ⓜ 01/13 18:15:30}							# Track AR11010					
01/14 06:04:32 - 01/14 10:58:00	Track (398.8, 376.0) ^{Ⓜ 01/14 06:02:30}							# Cont					
01/14 12:42:02 - 01/14 17:55:24	Track (450.9, 374.2) ^{Ⓜ 01/14 12:40:00}							# Track AR11010					
01/14 18:07:32 - 01/15 05:59:54	Track (492.2, 372.5) ^{Ⓜ 01/14 18:05:30}							# Cont					
PROG= 05 Inf.-time(s)													
└─ Subr= 1 1-time(s) 300.0sec													
└─ Seqn= 14 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	4	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1024, 1024)	Q=98	4	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	4	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	384x384 (1024, 1024)	Q=98	4	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #15A4: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)													
Term	Pointing (x, y)							Comment					
01/14 05:54:30 - 01/14 06:02:24	Fixed (0.0, 0.0)							synoptic, shifted -7.5 min					
01/15 06:02:00 - 01/17 09:47:00	Fixed (0.0, 0.0)							synoptic					
PROG= 20 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 47 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 67 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 88 1-time(s) 4.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 92 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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NOT USED

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Active Region Search

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NOT USED

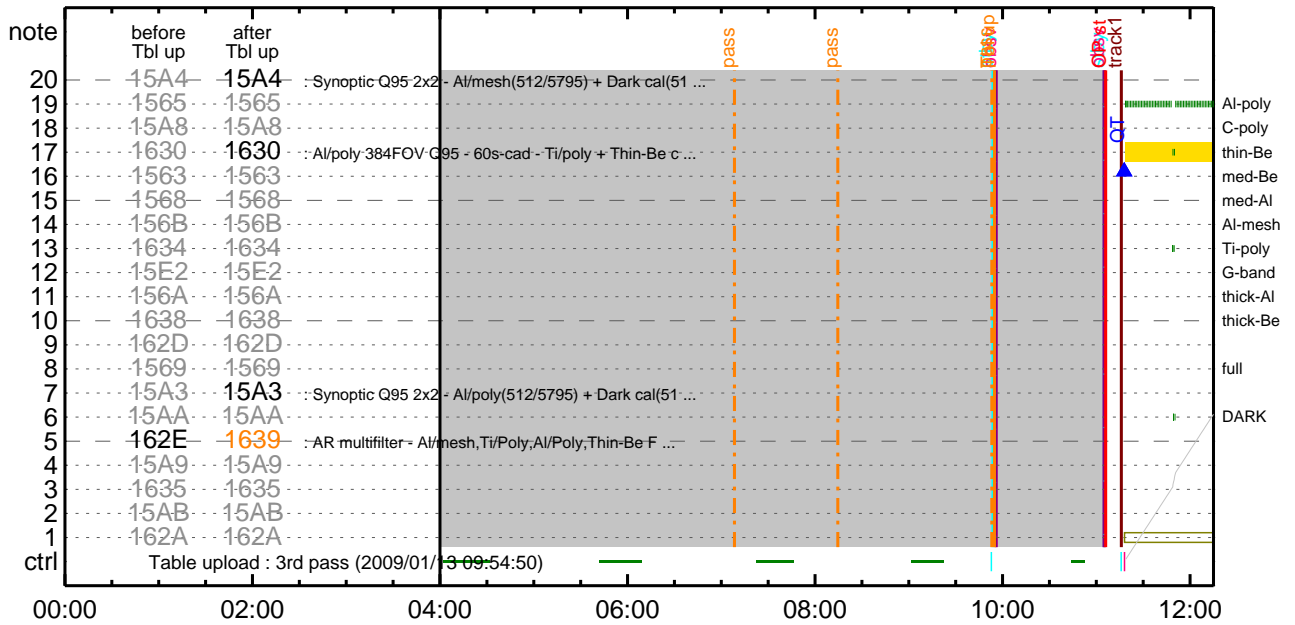
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Flare Detection

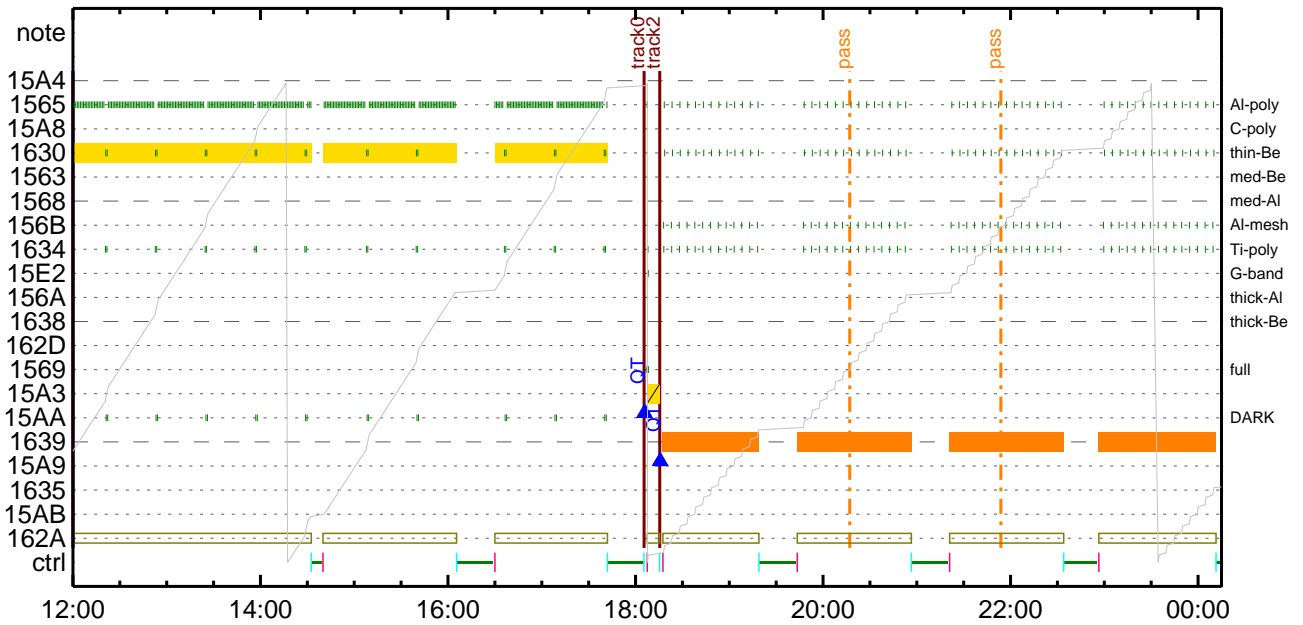
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NOT USED

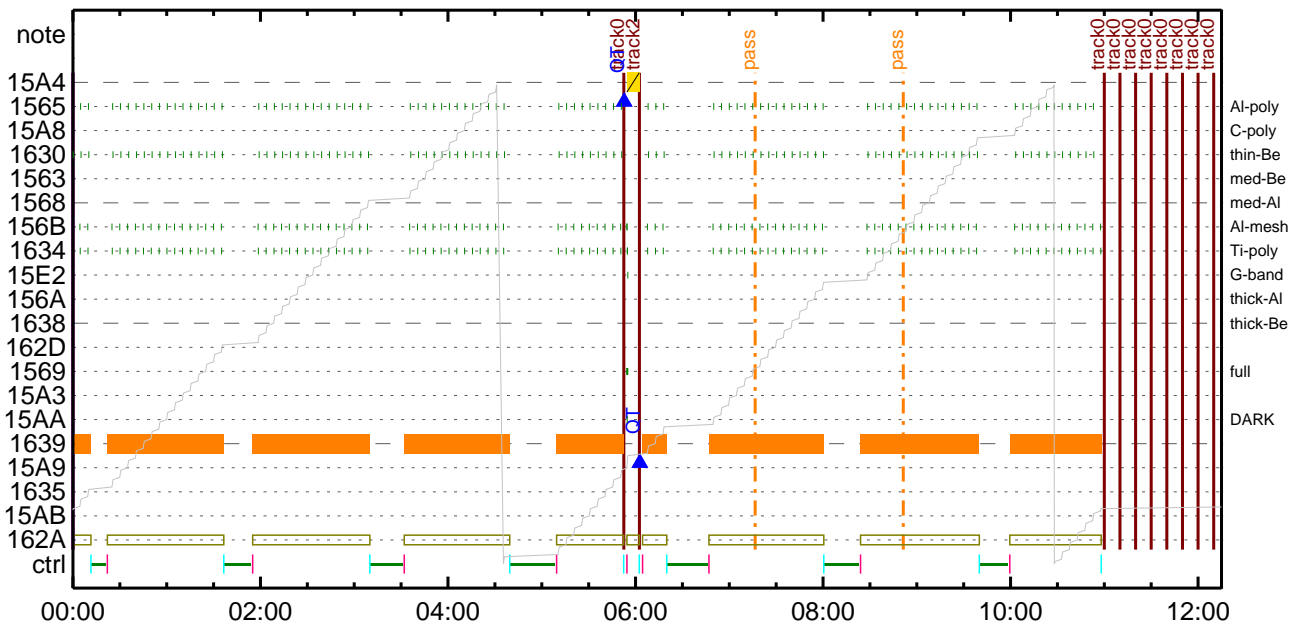
CMDI #0338 2009/01/13



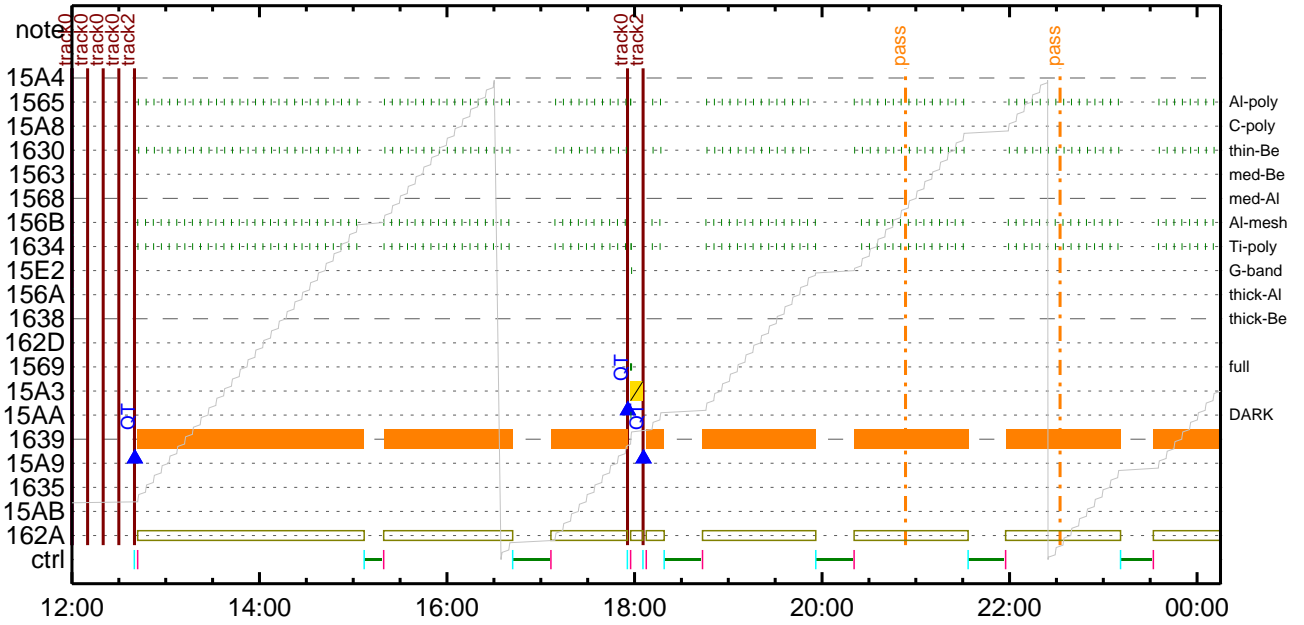
CMDI #0338 2009/01/13



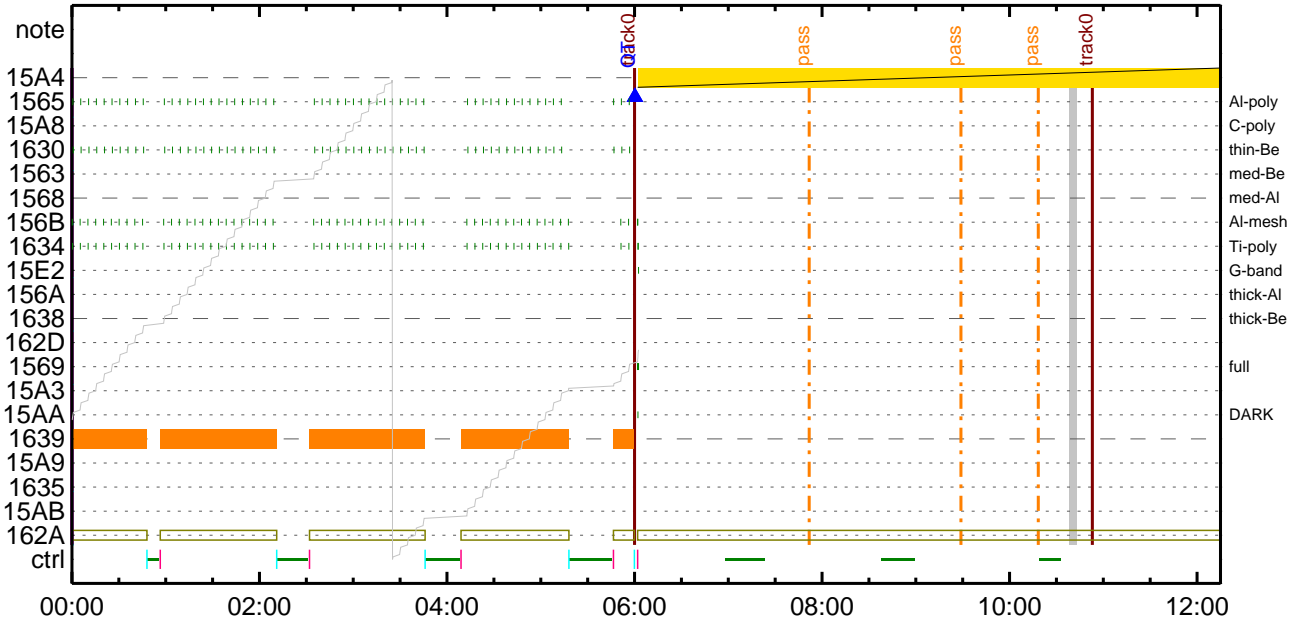
CMDI #0338 2009/01/14



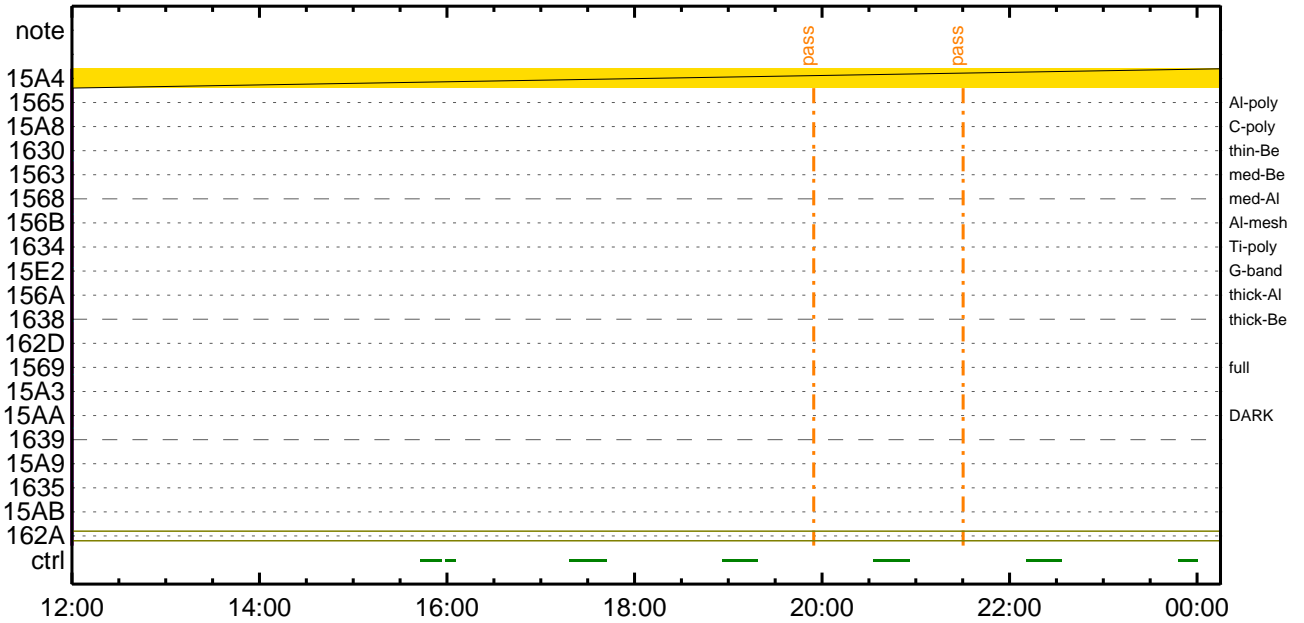
CMDI #0338 2009/01/14



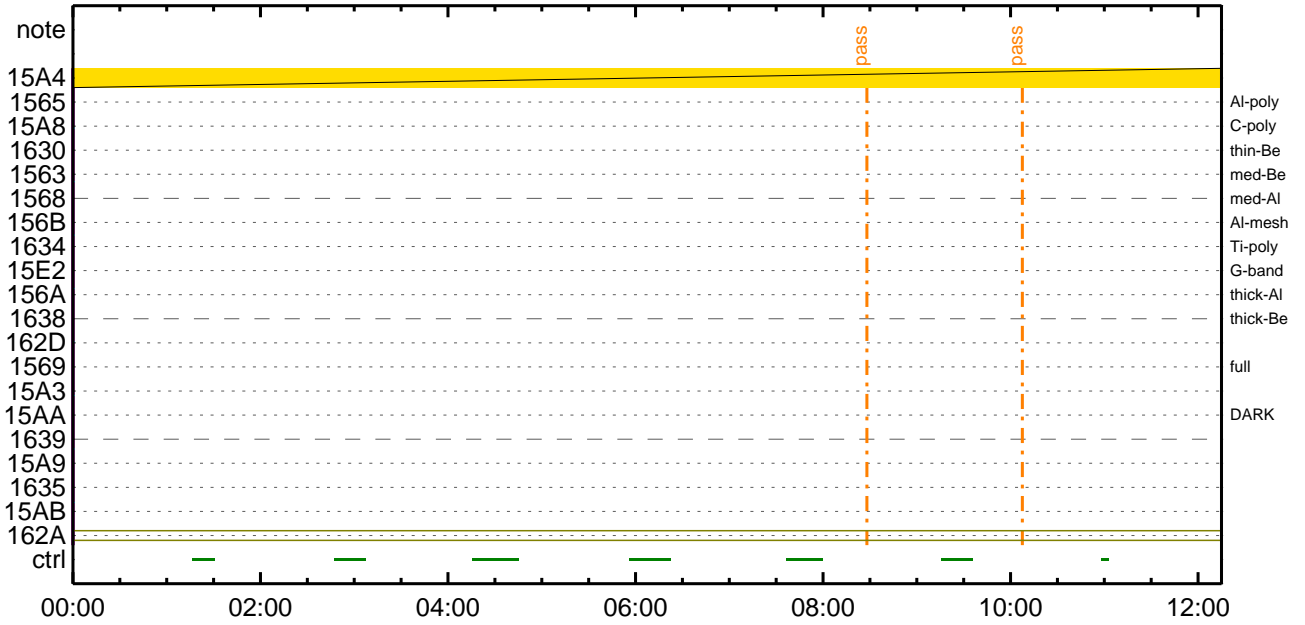
CMDI #0338 2009/01/15



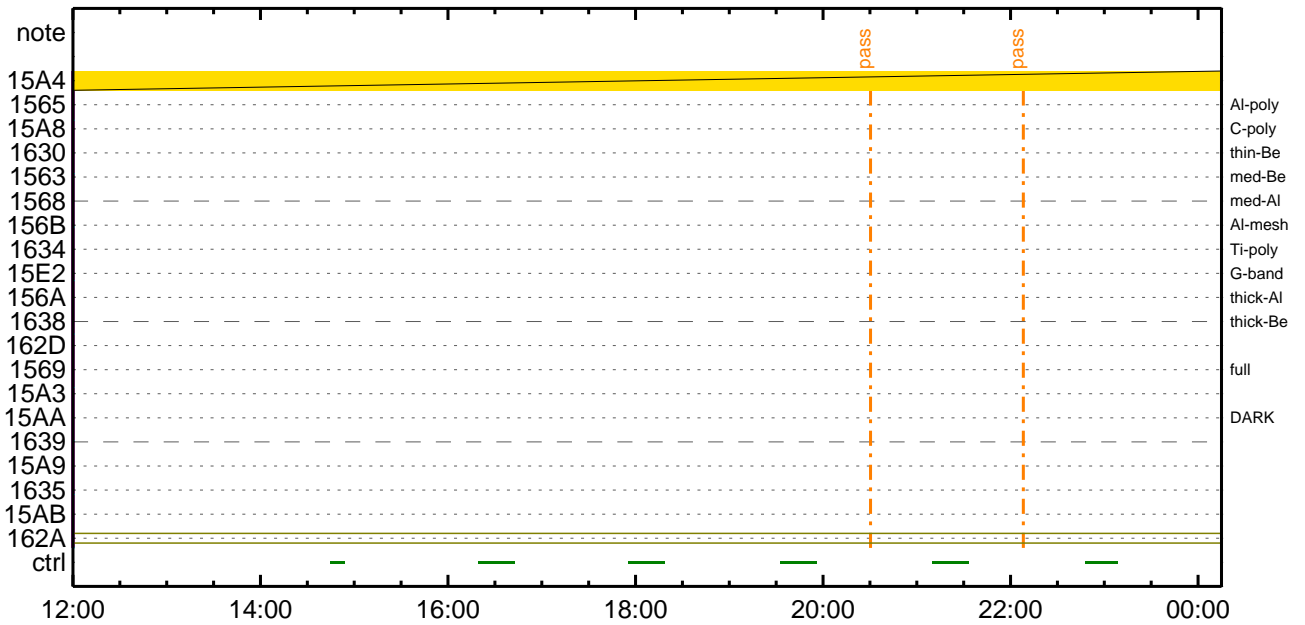
CMDI #0338 2009/01/15



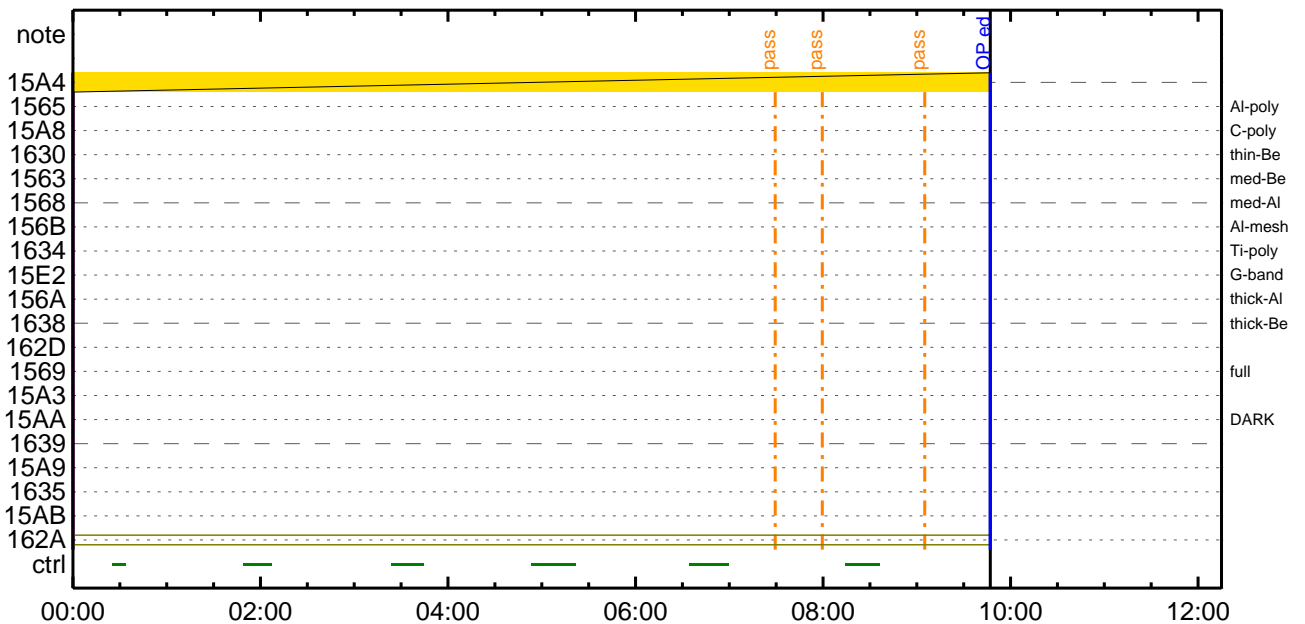
CMDI #0338 2009/01/16



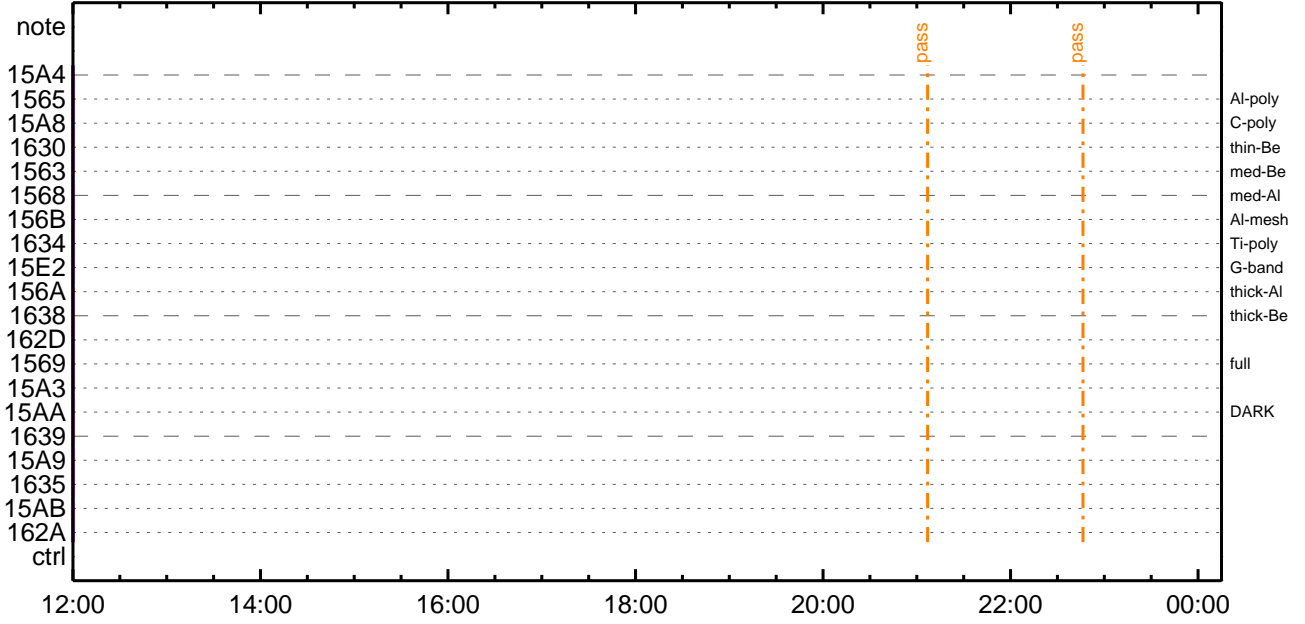
CMDI #0338 2009/01/16



CMDI #0338 2009/01/17



CMDI #0338 2009/01/17



0096 C. 0097 C. 0098 . C. TI 2009-01-13 11:01:00.0 0099 +. TI 2009-01-13 11:01:00.0 0100 DC 01-B3 DHU_OP_STOP 0101 C. EQ 1COUNTUP 0102 C. 0103 +. TI 2009-01-13 11:01:01.0 0104 DC 01-B4 DHU_OP_COPY 0105 C. EQ 1COUNTUP 0106 C. 0107 +. TI 2009-01-13 11:01:01.0 0108 DC 01-B5 DHU_OPOG_COPY 0109 C. EQ 1COUNTUP 0110 C. 0111 +. TI 2009-01-13 11:05:59.5 0112 DC 01-B2 DHU_OP_START 0113 C. EQ 1COUNTUP 0114 C. 0115 C. 0116 C. EQ ENA 0117 C. EQ 4 0118 C. EQ DHU 0119 C. EQ 0xB3 0120 C. 0121 . C. ***** 0122 C. TI 0123 C. ***** 0124 C. 0125 C. TI_TBL(0x03AB00-0x03AEFF; 1024byte) 0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET 0127 BC (03 ab 03 01 02) 0128 C. EQ 07 0129 C. EQ 2B 0130 C. EQ 3 0131 C. EQ 0 0132 C. EQ DHU 0133 +. DC 01-22 DHU_MODE_CHNG 0134 BC (07 0b f8) 0135 C. EQ 7 0136 C. EQ 0.25 s 0137 C. EQ 32k 0138 C. EQ 4M 0139 C. EQ EXEC 0140 C. 0141 . C. 0142 C. EQ NON 0143 C. 0144 . C. RAM ID=TI_TBL 0145 C. 0146 . C. DHU 0147 +. DC 01-22 DHU_MODE_CHNG 0148 BC (02 0a f8) 0149 C. EQ 2 0150 C. EQ 0.5S 0151 C. EQ 32K 0152 C. EQ 4M 0153 C. 0154 . C. Stop EIS observation and temporarily disable EIS mode changes 0155 C. 0156 C. 0157 C. ***** Start EIS operation (TI set) ***** 0158 C. Execute, after the success of OP upload. 0159 C. Set EIS TI-commands 0160 +. TI 2009-01-13 11:05:30.0 0161 DC 07-FC EIS_MODE_MANU 0162 BC (21 02) 0163 +. TI 2009-01-13 11:05:40.0 0164 DC 07-FC EIS_MODE_CHG_DIS 0165 BC (22) 0166 . C. [] [HK1_TI_CMD_NUM] EQ 2 COUNTUP 0167 C. ***** End EIS operation (TI set) ***** 0168 C. 0169 C. 0170 C. ***** 0171 C. SOT TI command set 0172 C. ***** 0173 C. Execute, after the success of OP upload. 0174 +. TI 2009-01-13 11:05:16.0 0175 DC 07-F0 MDP_SOT_MODE_STBY 0176 BC (41) 0177 . C. ----- 0178 C. HK1_TI_CMD_NUM = 1 CNTUP [] 0179 C. ----- 0180 C. ***** SOT END ***** 0181 C. 0182 C. ***** XRT START ***** 0183 C. Execute, after the success of OP upload. 0184 +. TI 2009-01-13 11:05:00.0 0185 DC 07-F0 MDP_XRT_MODE_STBY 0186 BC (c3) 0187 . C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP 0188 C. 0189 C. ***** XRT END ***** 0190 C. 0191 . C. ***** MDP 0192 C. (0193 . S. DC-BC dcbc-402:DCBC


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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥D¥!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-265:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Upload DPL table >
0120 C.
0121 C. ¥ç¥Ã¥×¥í;¼¥É°îÁ°ªÈSTS_CHKªðOFFªÈª¹ªë
0122 C.
0123 . S. RAM ram-271:MDP_DPL
0124 ( )
0125 C.
0126 . C. < Dump RAMID=MDP_DPL >
0127 +. DC 07-F0 MDP_DUMP_FGTBL
0128 BC (82 07 00 38 b8 00 40)
0129 C. -----
0130 C. MDP_DPL verify = OK [ ]
0131 C. -----
0132 C.
0133 C. STS_CHKªðONªÈª¹ªë
0134 C.
0135 . C. < Update MDP DSC PAR1 >
0136 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0137 BC (4c)
0138 C. MDP_CMD_CODE = F04C0700[ ]
0139 C. MDP_CMD_CNT (count-up 1) [ ]
0140 C. -----
0141 C.
0142 . C.
0143 C. *****
0144 C. SOT TI command set
0145 C. *****
0146 C. Execute, after the success of TBL upload.
0147 +. TI 2009-01-13 11:05:18.0
0148 DC 07-F0 MDP_SOT_MODE_OBSV
0149 BC (40)
0150 . C. -----
0151 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0152 C. -----
0153 C.
0154 C.
0155 C. ***** XRT START *****
0156 C.
0157 +. DC 07-F0 MDP_XRT_CTRL_MANU
0158 BC (c1)
0159 + DC 07-F0 MDP_XRT_MODE_STBY
0160 BC (c3)
0161 . C. ----- Success Verify ? OK / NG____
0162 C.
0163 C. XRT Obs. Table Upload
0164 . S. RAM ram-291:MDP_OBS_X
0165 ( )
0166 C.
0167 +. DC 07-F0 MDP_DUMP_XRTTBL
0168 BC (84 07 00 00 00 3a d4)
0169 . C. ----- Comparison Check ? OK / ERR ____
0170 C.
0171 C.
0172 +. DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 01 b1 b1 04 04)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 02 b1 b1 08 08)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 03 b1 b1 08 08)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 04 b1 b1 06 06)
0180 + DC 07-F0 MDP_XRT_ROI_SET
0181 BC (cd 06 80 80 06 06)
0182 + DC 07-F0 MDP_XRT_ROI_SET
0183 BC (cd 07 80 80 20 20)
0184 + DC 07-F0 MDP_XRT_ROI_SET
0185 BC (cd 0f 80 80 04 04)
0186 + DC 07-F0 MDP_XRT_ROI_SET
0187 BC (cd 10 80 80 10 10)
0188 . C. ----- Success Verify ? OK / NG ____
0189 C.
0190 C.
0191 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0192 C.
0193 +. DC 07-F0 MDP_XRT_MODE_OBSV

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0194 BC (c2)
0195 +. TI 2009-01-13 11:05:02.0
0196 DC 07-F0 MDP_XRT_MODE_OBSV
0197 BC (c2)
0198 . C. ----- Success Verify ? OK / NG ____
0199 C.
0200 C. ***** XRT END *****
0201 C.
0202 . C. ***** MDP 'úÃîâî»ô¼ÝðÊÂð¹æDCBC•x²è *****
0203 C. (¼ã°îÝÔÝÃÝÊÝÞÝÊÝáÝçÝèæ¼¼¼¼¼»Û¹æè)
0204 . S. DC-BC dcbc-402:DCBC
0205 (MDP_known_event)
0206 C.
0207 C.
0208 . C. ***** ÝÐÝ¹•İ Daily±¿İÑæË'Ø¹æDCBC•x²è *****
0209 . S. DC-BC dcbc-153:DCBC
0210 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0211 C.
0212 C.
0213 . C. ;ãLOSÝÁÝ§ÝÃÝ-¼Â»Û;ã
0214 C.
0215 . C. ***** LOS *****
0216 C.

Jan 13, 09 12:40

XRT_OGLIST_0338.chk

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*** OP Sequence for XRT ***

2009/01/13	11:15:54.0	XRT_CTRL_MANU_433_OG [0x1b1]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/13	11:16:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/01/13	11:17:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/01/13	11:17:52.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2009/01/13	11:17:54.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/01/13	11:17:56.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/01/13	11:17:58.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/01/13	11:18:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/01/13	11:18:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/13	14:32:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/13	14:39:00.0	XRT_Custom_430_OG [0x1ae]							
2009/01/13	14:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/13	16:05:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/13	16:29:00.0	XRT_Custom_430_OG [0x1ae]							
2009/01/13	16:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/13	17:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/13	18:05:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/13	18:05:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/01/13	18:05:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/01/13	18:05:46.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/01/13	18:05:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/01/13	18:05:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/01/13	18:05:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/01/13	18:07:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/13	18:15:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/13	18:15:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/01/13	18:15:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/01/13	18:15:46.0	XRT_QT_PROG_SET_402_OG [0x192]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2009/01/13	18:17:24.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/01/13	18:17:26.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/01/13	18:17:28.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/01/13	18:17:30.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/01/13	18:17:32.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/13	19:19:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/13	19:42:30.0	XRT_Custom_430_OG [0x1ae]							
2009/01/13	19:43:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/13	20:56:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/13	21:20:00.0	XRT_Custom_430_OG [0x1ae]							
2009/01/13	21:21:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/13	22:34:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/13	22:55:30.0	XRT_Custom_430_OG [0x1ae]							
2009/01/13	22:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/14	00:11:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/14	00:21:00.0	XRT_Custom_430_OG [0x1ae]							
2009/01/14	00:22:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/14	01:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/14	01:54:00.0	XRT_Custom_430_OG [0x1ae]							
2009/01/14	01:55:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/14	03:10:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2009/01/14	03:31:00.0	XRT_Custom_430_OG [0x1ae]					
2009/01/14	03:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/01/14	04:39:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/01/14	05:08:30.0	XRT_Custom_430_OG [0x1ae]					
2009/01/14	05:09:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/01/14	05:52:24.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/01/14	05:52:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2009/01/14	05:52:30.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00		
2009/01/14	05:52:46.0	XRT_QT_PROG_SET_420_OG [0x1a4]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14		
2009/01/14	05:52:48.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/01/14	05:52:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/01/14	05:52:52.0	XRT_ARS_DIS_427_OG [0x1ab]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/01/14	05:54:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/01/14	06:02:24.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/01/14	06:02:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/01/14	06:02:30.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	02 00 00 00		
2009/01/14	06:02:46.0	XRT_QT_PROG_SET_402_OG [0x192]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2009/01/14	06:04:24.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/01/14	06:04:26.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/01/14	06:04:28.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/01/14	06:04:30.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/01/14	06:04:32.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/01/14	06:20:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/01/14	06:46:00.0	XRT_Custom_430_OG [0x1ae]					
2009/01/14	06:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/01/14	08:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/01/14	08:23:00.0	XRT_Custom_430_OG [0x1ae]					
2009/01/14	08:24:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/01/14	09:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/01/14	09:58:30.0	XRT_Custom_430_OG [0x1ae]					
2009/01/14	09:59:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/01/14	10:58:00.5	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/01/14	11:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00		
2009/01/14	11:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 00 00 ec 00		
2009/01/14	11:20:00.0	AOCS_Ore-point_Start_5_OG [0x09b]					
		AOCU_NM	5	02-76	00 00 00 d8 00		
2009/01/14	11:30:00.0	AOCS_Ore-point_Start_6_OG [0x09c]					
		AOCU_NM	5	02-76	00 00 00 c4 00		
2009/01/14	11:40:00.0	AOCS_Ore-point_Start_7_OG [0x09d]					
		AOCU_NM	5	02-76	00 00 00 b0 00		
2009/01/14	11:50:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2009/01/14	12:00:00.0	AOCS_Ore-point_Start_8_OG [0x09e]					
		AOCU_NM	5	02-76	00 ec 00 00 00		
2009/01/14	12:10:00.0	AOCS_Ore-point_Start_9_OG [0x09f]					
		AOCU_NM	5	02-76	00 d8 00 00 00		
2009/01/14	12:20:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]					
		AOCU_NM	5	02-76	00 c4 00 00 00		
2009/01/14	12:30:00.0	AOCS_Ore-point_Start_11_OG [0x0a1]					
		AOCU_NM	5	02-76	00 b0 00 00 00		
2009/01/14	12:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/01/14	12:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/01/14	12:40:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2009/01/14	12:40:16.0	XRT_QT_PROG_SET_402_OG [0x192]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2009/01/14	12:41:54.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/01/14	12:41:56.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/01/14	12:41:58.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		

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2009/01/14	12:42:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/01/14	12:42:02.0	XRT_CTRL_AUTO_403_OG [0x193]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/14	15:07:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/14	15:18:30.0	XRT_Custom_430_OG [0x1ae]						
2009/01/14	15:19:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/14	16:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/14	17:05:30.0	XRT_Custom_430_OG [0x1ae]						
2009/01/14	17:06:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/14	17:55:24.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/14	17:55:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2009/01/14	17:55:30.0	AOCS_OrE-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2009/01/14	17:55:46.0	XRT_QT_PROG_SET_408_OG [0x198]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07			
2009/01/14	17:55:48.0	XRT_FLD_DIS_419_OG [0x1a3]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/01/14	17:55:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/01/14	17:55:52.0	XRT_ARS_DIS_427_OG [0x1ab]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/01/14	17:57:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/14	18:05:24.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/14	18:05:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/01/14	18:05:30.0	AOCS_OrE-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	02 00 00 00 00			
2009/01/14	18:05:46.0	XRT_QT_PROG_SET_402_OG [0x192]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05			
2009/01/14	18:07:24.0	XRT_AEC_RESET_415_OG [0x19f]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/01/14	18:07:26.0	XRT_ARS_DIS_422_OG [0x1a6]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/01/14	18:07:28.0	XRT_FLD_DIS_445_OG [0x1bd]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/01/14	18:07:30.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/01/14	18:07:32.0	XRT_CTRL_AUTO_403_OG [0x193]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/14	18:19:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/14	18:42:30.5	XRT_Custom_430_OG [0x1ae]						
2009/01/14	18:43:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/14	19:56:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/14	20:19:30.0	XRT_Custom_430_OG [0x1ae]						
2009/01/14	20:20:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/14	21:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/14	21:56:30.0	XRT_Custom_430_OG [0x1ae]						
2009/01/14	21:57:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/14	23:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/14	23:31:00.0	XRT_Custom_430_OG [0x1ae]						
2009/01/14	23:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/15	00:48:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/15	00:55:30.0	XRT_Custom_430_OG [0x1ae]						
2009/01/15	00:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/15	02:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/15	02:31:00.0	XRT_Custom_430_OG [0x1ae]						
2009/01/15	02:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/15	03:46:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/15	04:08:00.0	XRT_Custom_430_OG [0x1ae]						
2009/01/15	04:09:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/15	05:18:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/15	05:45:30.0	XRT_Custom_430_OG [0x1ae]						
2009/01/15	05:46:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/15	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/15	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2009/01/15	06:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]						

2009/01/15	06:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	AOCU_NM	5	02-76	00	00	00	00	00
2009/01/15	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2009/01/15	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/01/15	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/01/15	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/01/15	10:53:00.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			AOCU_NM	5	02-76	00	00	00	00	00