

# XRT Timeline to be uploaded on 2009/04/23

Period: 2009/04/23 10:13:00 - 2009/04/28 10:55:00

\* \* \* \* \*

Normal mode

\* \* \* \* \*

<b>XOB #1563: CCD Monitor During Bakeout - G-band + dark - wide FOV</b>													
Term		Pointing (x, y)						Comment					
04/23 11:10:30 - 04/23 15:49:00		Fixed ( 0.0, -940.0)						# OP start + 10min South pole					
04/23 16:28:30 - 04/23 17:14:54		Fixed ( -730.0, 600.0)						HOP73 prominence study					
<b>PROG= 18 Inf.-time(s)</b>													
└ Subr= 1		1-time(s)		600.0sec									
└└ Seqn= 98		1-time(s)		4.0sec									
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	2048x256 (1024, 1024)	DPCM	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	2048x256 (1024, 1024)	DPCM	0	0	2.0sec
└└└ Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	
<b>XOB #1565: CCD Monitor During Bakeout - G-band + dark - wide FOV - lower cadence (30min)</b>													
Term		Pointing (x, y)						Comment					
04/23 17:15:04 - 04/23 20:44:30		Fixed ( -730.0, 600.0)						HOP73 prominence study					
<b>PROG= 01 Inf.-time(s)</b>													
└ Subr= 1		1-time(s)		1800.0sec									
└└ Seqn= 98		1-time(s)		4.0sec									
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	2048x256 (1024, 1024)	DPCM	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	2048x256 (1024, 1024)	DPCM	0	0	2.0sec
└└└ Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	
<b>XOB #15A8: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 1st Quadrant</b>													
Term		Pointing (x, y)						Comment					
04/24 03:43:00 - 04/24 03:49:54		Fixed ( -528.4, -528.4)						SE Quadrant (XRT)					
<b>PROG= 10 1-time(s)</b>													
└ Subr= 1		1-time(s)		12.0sec									
└└ Seqn= 28		1-time(s)		12.0sec									
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
└└└ Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	
<b>XOB #15A9: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant</b>													
Term		Pointing (x, y)						Comment					
04/24 03:53:00 - 04/24 03:59:54		Fixed ( 528.4, -528.4)						SW Quadrant (XRT)					
<b>PROG= 11 1-time(s)</b>													
└ Subr= 1		1-time(s)		12.0sec									
└└ Seqn= 41		1-time(s)		12.0sec									
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec
└└└ Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	
<b>XOB #15AA: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant</b>													
Term		Pointing (x, y)						Comment					
04/24 04:03:00 - 04/24 04:09:54		Fixed ( 528.4, 528.4)						NW Quadrant (XRT)					
<b>PROG= 16 1-time(s)</b>													
└ Subr= 1		1-time(s)		12.0sec									
└└ Seqn= 8		1-time(s)		12.0sec									
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec
└└└ Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	
<b>XOB #15AB: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant</b>													
Term		Pointing (x, y)						Comment					
04/24 04:13:00 - 04/24 04:19:54		Fixed ( -528.4, 528.4)						NE Quadrant (XRT)					
<b>PROG= 17 1-time(s)</b>													
└ Subr= 1		1-time(s)		12.0sec									
└└ Seqn= 40		1-time(s)		12.0sec									
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec
└└└ Open/G-band		Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec
└└└ Open/thick-Be		Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec
└└└ Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1682: Dither Pointing CCDcenter 5x-ray-512x512_NO_GBAND-long_exposure													
Term		Pointing (x, y)					Comment						
04/24 04:23:00 - 04/24 04:27:54		Fixed ( 0.0, 0.0)					dither pointing No1 (XRT)						
04/24 04:31:00 - 04/24 05:14:54		Fixed ( -36.1, 9.3)					dither pointing No2 (XRT)						
04/24 05:18:00 - 04/24 05:22:54		Fixed ( 6.2, -24.8)					dither pointing No3 (XRT)						
PROG= 12 1-time(s)													
└─ Subr= 1 1-time(s) 30.0sec													
└─ Seqn= 31 1-time(s) 30.0sec													
└─ thin-Be/Open		thin-Be/Open	close	Safe	Norm	64.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	6.0sec
└─ C-poly/Open		thin-Be/Open	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	6.0sec
└─ Open/Ti-poly		Open/Ti-poly	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	6.0sec
└─ Al-poly/Open		Al-poly/Open	close	Safe	Norm	11.3s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	6.0sec
└─ Open/Al-mesh		Open/Ti-poly	close	Safe	Norm	5.66s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	6.0sec
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #164F: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(723/11571) + G-band(16)-2													
Term		Pointing (x, y)					Comment						
04/24 05:26:00 - 04/24 05:32:54		Fixed ( 0.0, 0.0)					synoptic						
04/25 04:53:00 - 04/25 04:59:54		Fixed ( 0.0, 0.0)					synoptic						
PROG= 19 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= 7 1-time(s) 2.0sec													
└─ Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	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 #168C: Coronal cavity (6 pairs)-DPCM 2x2-768X768-FOV offset for SW(1120,1048)- 10min cadence - longer exposures													
Term		Pointing (x, y)					Comment						
04/24 05:36:00 - 04/24 09:29:54		Fixed ( -730.0, 600.0)					# HOP 111 Prominence Study						
04/25 05:03:00 - 04/25 08:37:00		Fixed ( 713.0, -620.0)					# HOP 111 Prominence study						
PROG= 07 Inf.-time(s)													
└─ Subr= 1 1-time(s) 600.0sec													
└─ Seqn= 94 1-time(s) 4.0sec													
└─ Open/Al-mesh		Open/Ti-poly	close	Safe	Norm	8.00s	Obs	2x2	768x768 (1120, 1048)	DPCM	0	0	2.0sec
└─ Seqn= 56 1-time(s) 4.0sec													
└─ Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	768x768 (1120, 1048)	DPCM	0	0	2.0sec
└─ Seqn= 9 1-time(s) 4.0sec													
└─ C-poly/Open		med-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	768x768 (1120, 1048)	DPCM	0	0	2.0sec
└─ Seqn= 34 1-time(s) 2.0sec													
└─ Open/Ti-poly		Open/Ti-poly	close	Safe	Norm	16.0s	Obs	2x2	768x768 (1120, 1048)	DPCM	0	0	2.0sec
└─ Seqn= 43 1-time(s) 4.0sec													
└─ Al-poly/Ti-poly		Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	2x2	768x768 (1120, 1048)	DPCM	0	0	2.0sec
└─ Seqn= 4 1-time(s) 2.0sec													
└─ thin-Be/Open		med-Be/Open	close	Safe	Norm	64.0s	Obs	2x2	768x768 (1120, 1048)	DPCM	0	0	2.0sec
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #168B: Al/Mesh (8s), C/Poly (16s) - 384x384 -1min cadence-AEC0													
Term		Pointing (x, y)					Comment						
04/24 09:33:00 - 04/24 09:39:00		Track ( 186.7, 446.3) @ 04/24 09:30:00					VTT alignment						
04/25 09:09:30 - 04/25 09:59:54		Track ( 371.3, 439.6) @ 04/25 09:00:00					VTT alignment						
PROG= 06 Inf.-time(s)													
└─ Subr= 1 1-time(s) 300.0sec													
└─ Seqn= 12 5-time(s) 60.0sec													
└─ Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
└─ C-poly/Open		thin-Be/Open	close	Safe	Norm	16.0s	Obs	1x1	384x384 (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 #1686: QS - C/Poly(23142) - 384x384 - AEC0 - Fast Cadence (Q95)													
Term		Pointing (x, y)					Comment						
04/24 10:10:00 - 04/24 12:59:54		Fixed ( 0.0, 0.0)					Disk Center SOT 5250 program						
04/25 01:03:00 - 04/25 04:49:54		Fixed ( 0.0, 0.0)					Disk Center Obs						
PROG= 08 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 61 1-time(s) 30.0sec													
└─ C-poly/Open		thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	384x384 (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 #168F: twilight monitor 384x384												
Term		Pointing (x, y)					Comment					
04/24 13:00:24 - 04/24 13:36:54		Fixed ( 0.0, -940.0)					South pole obs					
PROG= 14 Inf.-time(s)												
└─ Subr= 1 1-time(s) 30.0sec												
└─ Seqn= 35 1-time(s) 2.0sec												
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	16.0s	Obs	1x1	384x384 (1024, 1024)		Q=90 0 0 2.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval

XOB #168E: HOP 106 - Al/Mesh + Al/Poly + Ti/Poly 384x384-2												
Term		Pointing (x, y)					Comment					
04/24 13:40:00 - 04/24 14:47:30		Fixed ( 0.0, -940.0)					South pole obs					
PROG= 04 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 80 5-time(s) 120.0sec												
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	16.0s	Obs	1x1	384x384 (1024, 1024)		Q=90 0 0 2.0sec
Al-poly/Open		Al-poly/Open		close	Safe	Norm	45.2s	Obs	1x1	384x384 (1024, 1024)		Q=90 0 0 50.0sec
└─ Seqn= 44 1-time(s) 4.0sec												
Open/Ti-poly		Open/thick-Al		close	Safe	Norm	22.6s	Obs	1x1	384x384 (1024, 1024)		Q=90 0 0 2.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval

XOB #1690: Al/poly + G-band + dark - AEC0 - FOV 512and384 - 1 min cadence - Q95												
Term		Pointing (x, y)					Comment					
04/24 15:18:30 - 04/24 17:54:24		Fixed ( 0.0, -820.0)					HOP 110 Coronal hole obs					
04/24 18:42:30 - 04/25 00:59:54		Fixed ( 0.0, -820.0)					#HOP 110 CH obs					
PROG= 20 Inf.-time(s)												
└─ Subr= 3 1-time(s) 2.0sec												
└─ Seqn= 11 1-time(s) 4.0sec												
Open/G-band		Open/G-band		open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)		Q=90 0 0 2.0sec
└─ Seqn= 62 1-time(s) 4.0sec												
Al-poly/Open		Al-poly/Open		close	Safe	Dark	16.0s	Obs	1x1	512x512 (1024, 1024)		DPCM 0 0 2.0sec
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 95 60-time(s) 60.0sec												
Al-poly/Open		Al-poly/Open		close	Safe	Norm	16.0s	Obs	1x1	384x384 (1024, 1024)		Q=95 0 0 60.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval

XOB #1650: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(723/11571) + G-band(16)-2												
Term		Pointing (x, y)					Comment					
04/24 17:57:30 - 04/24 18:04:24		Fixed ( 0.0, 0.0)					synoptic, shifted -5.5 min					
PROG= 02 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= 7 1-time(s) 2.0sec												
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=98 0 0 2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98 0 0 2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	8x8	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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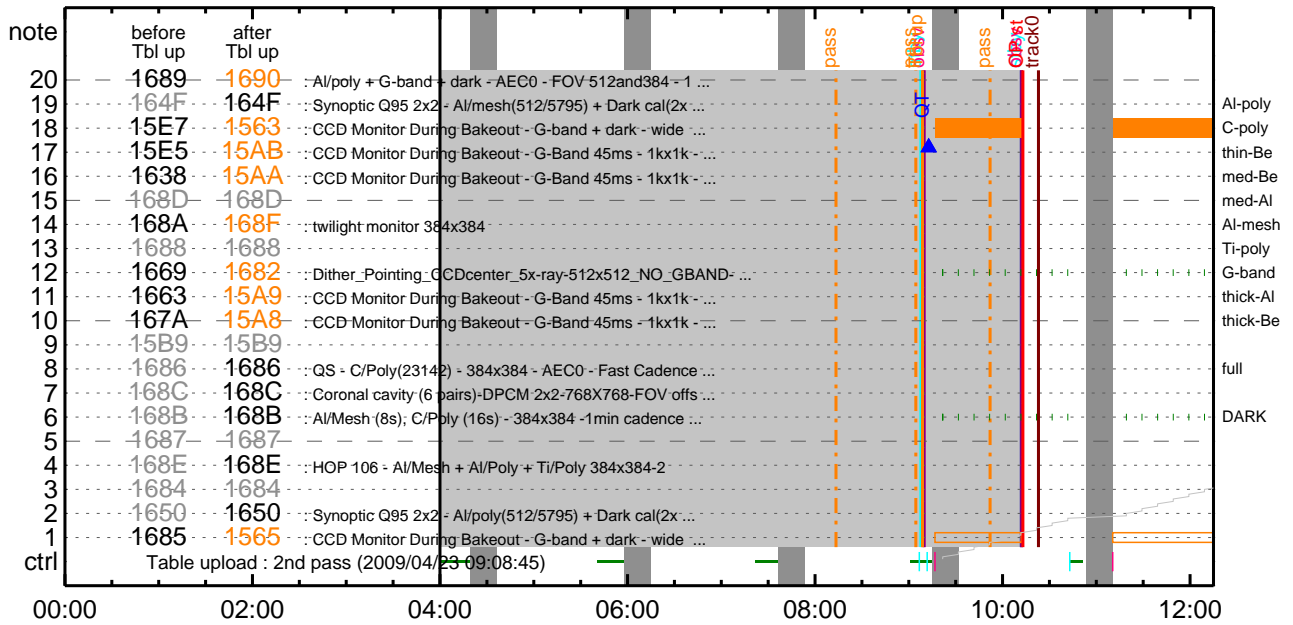
* * * * *
Flare mode
* * * * *
NOT USED

* * * * *
Active Region Search
* * * * *
NOT USED

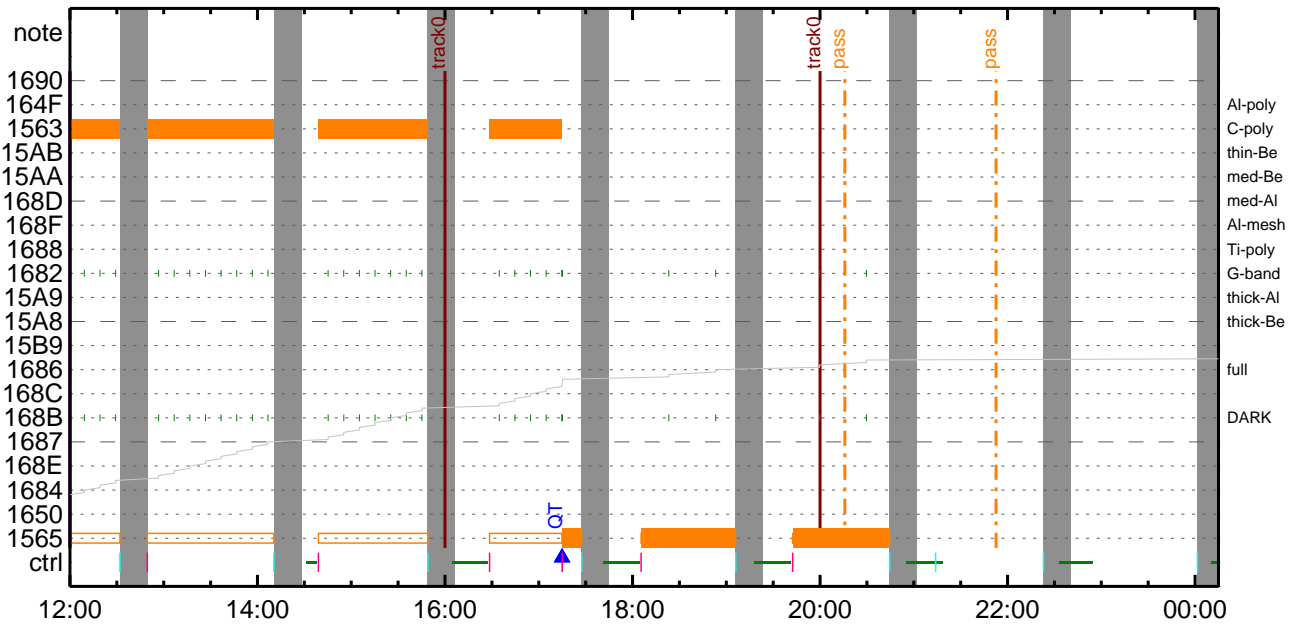
* * * * *
Flare Detection
* * * * *
NOT USED

```

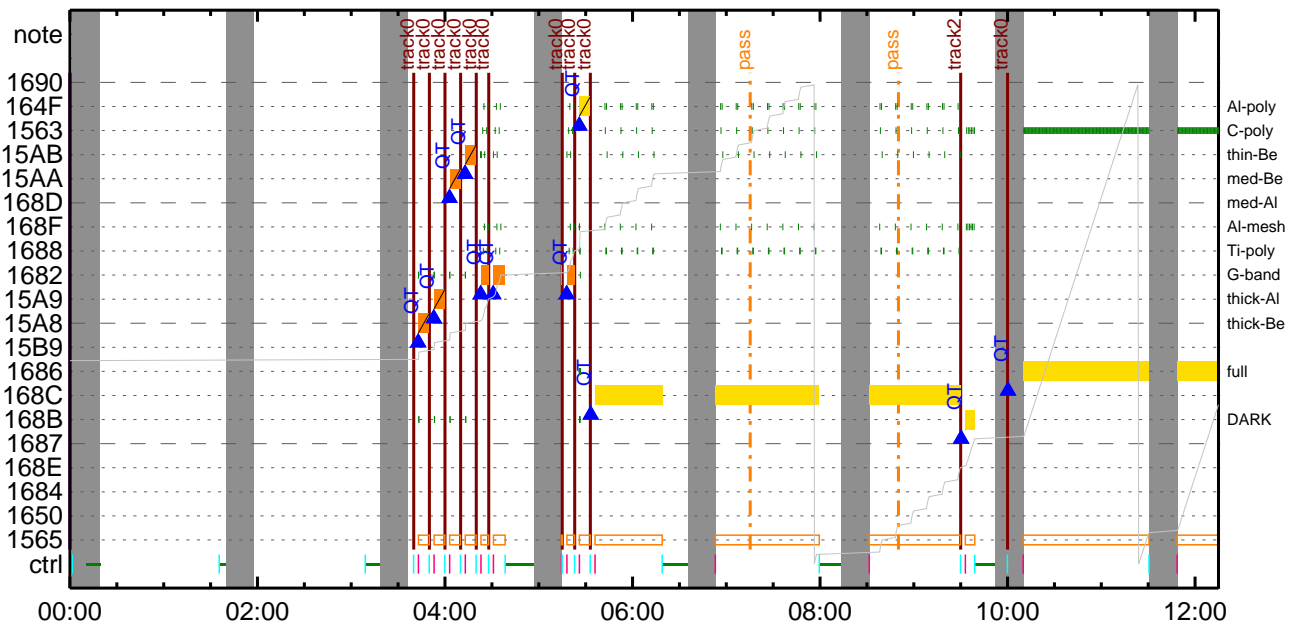
### CMDI #0522 2009/04/23



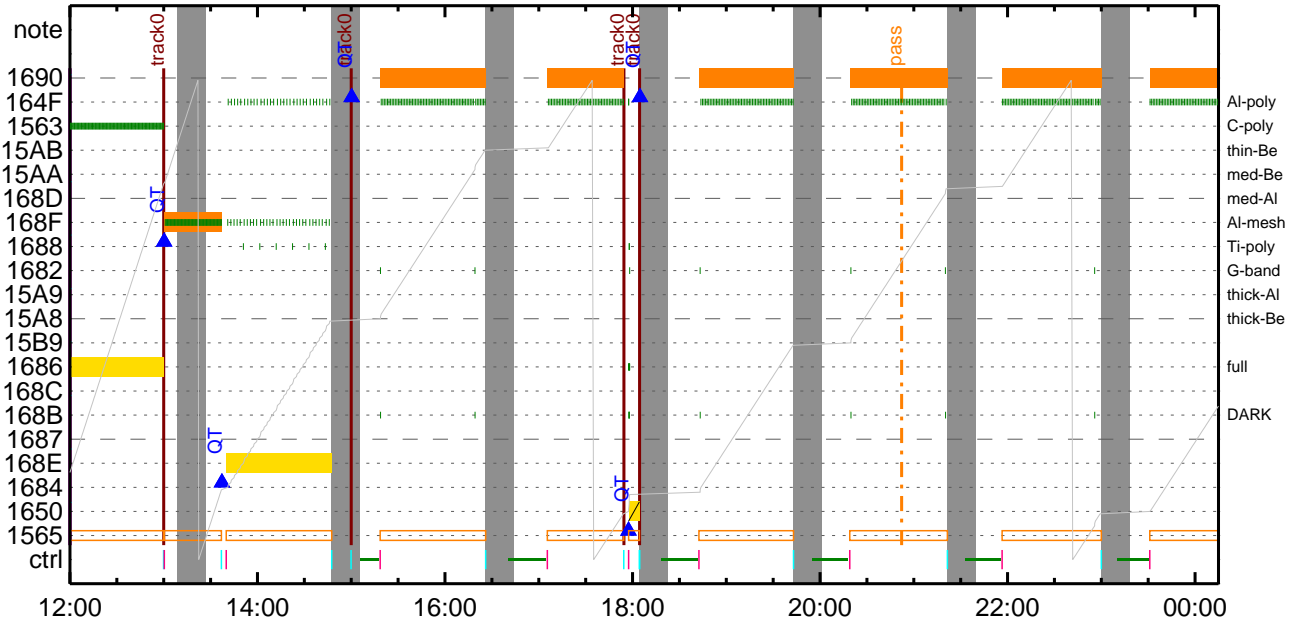
### CMDI #0522 2009/04/23



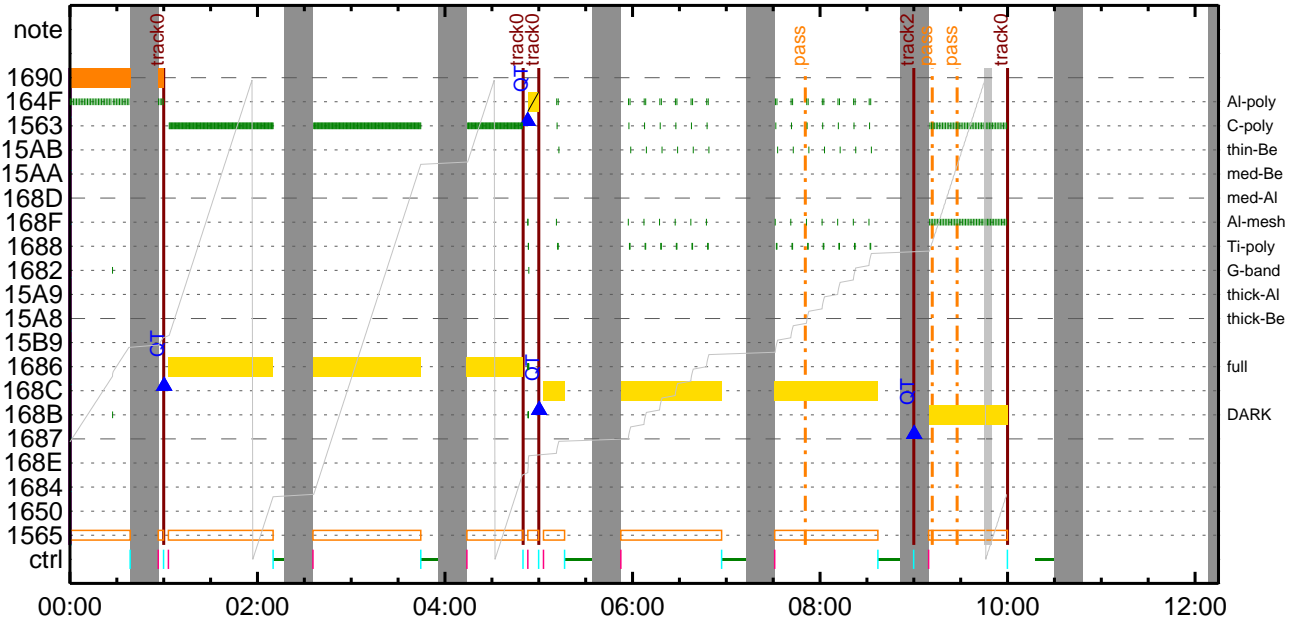
### CMDI #0522 2009/04/24



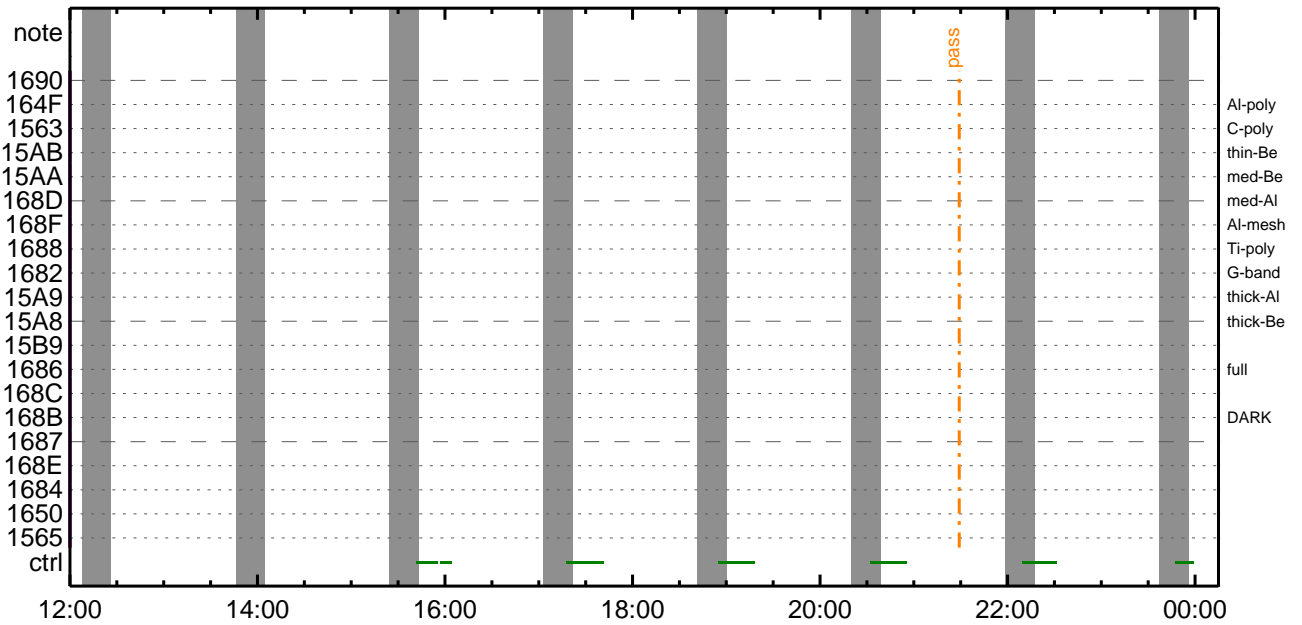
CMDI #0522 2009/04/24



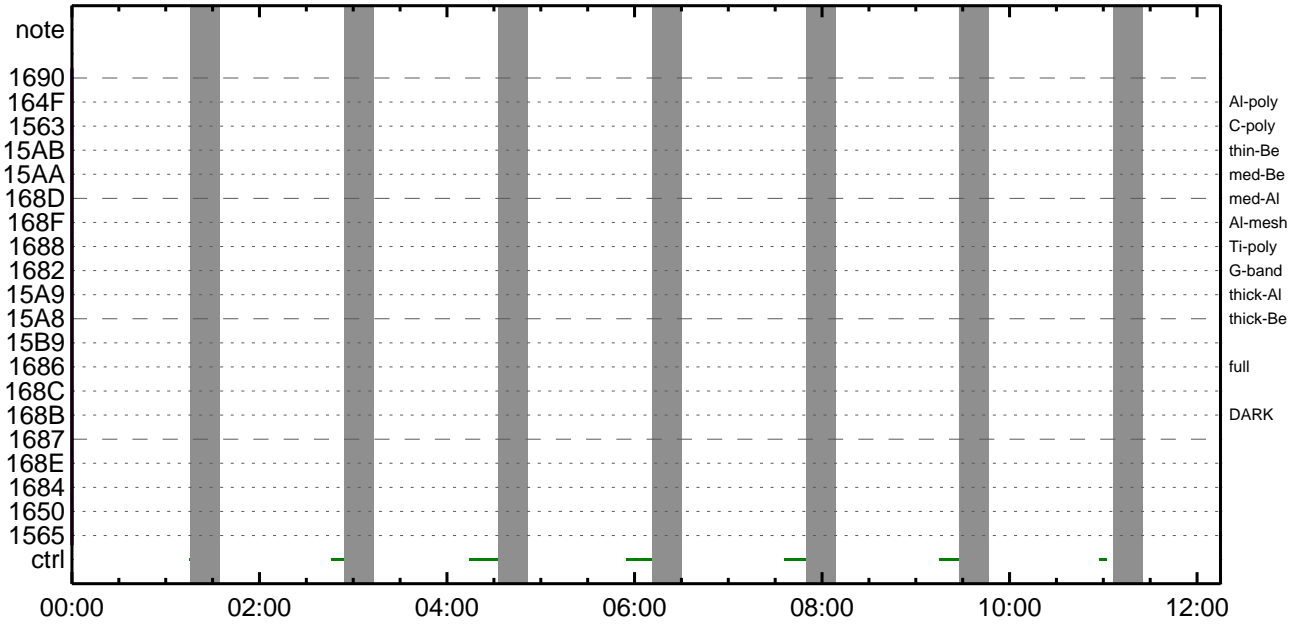
CMDI #0522 2009/04/25



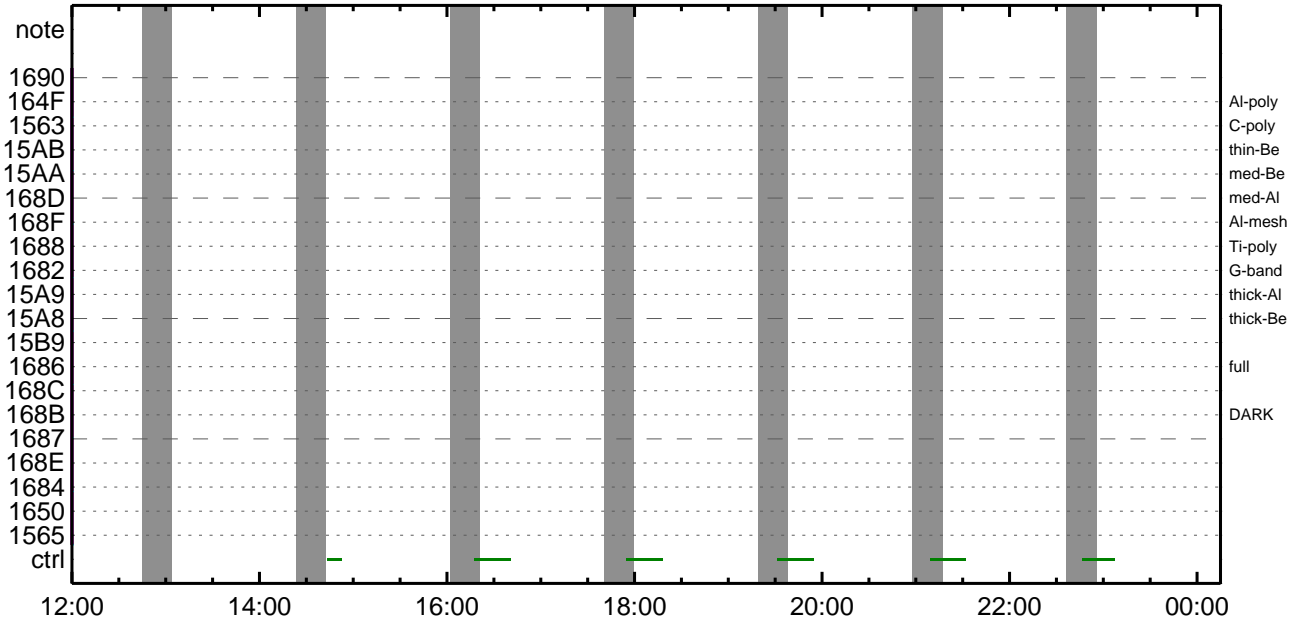
CMDI #0522 2009/04/25



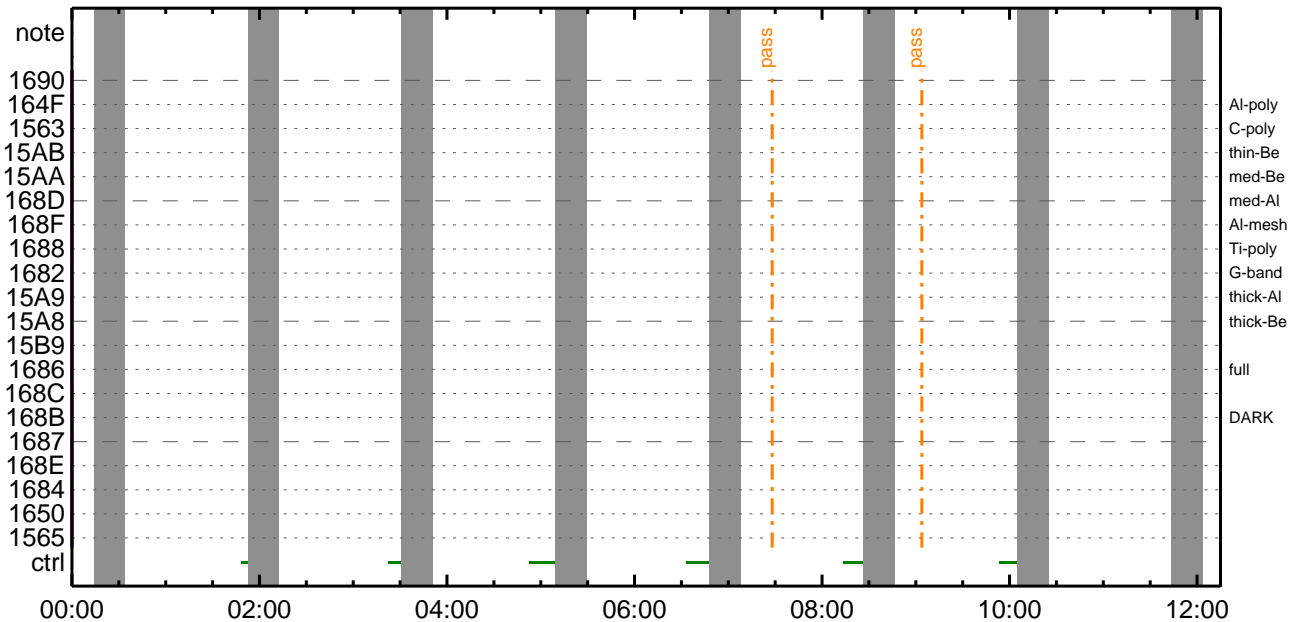
CMDI #0522 2009/04/26



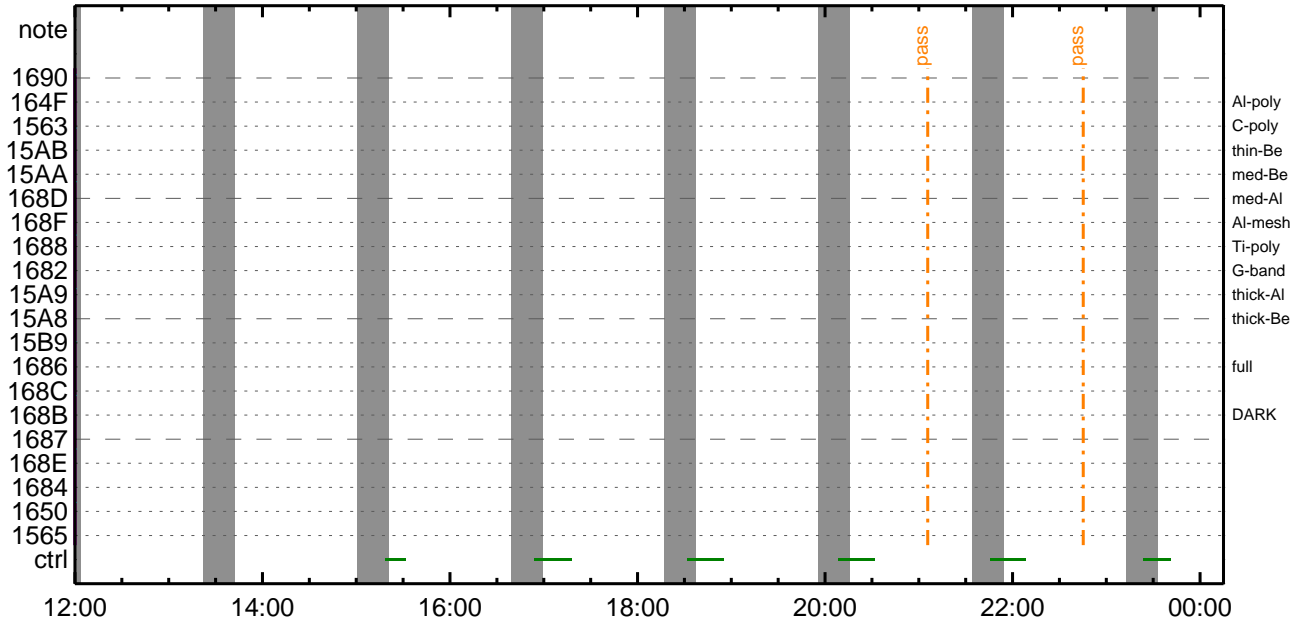
CMDI #0522 2009/04/26



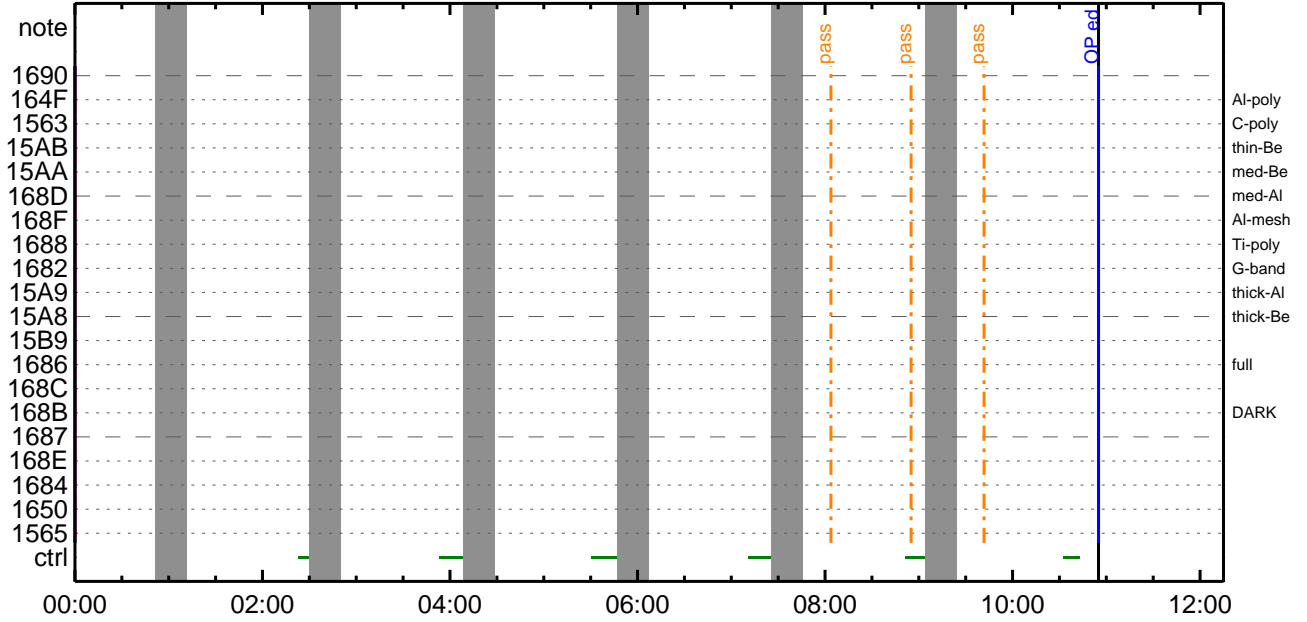
CMDI #0522 2009/04/27



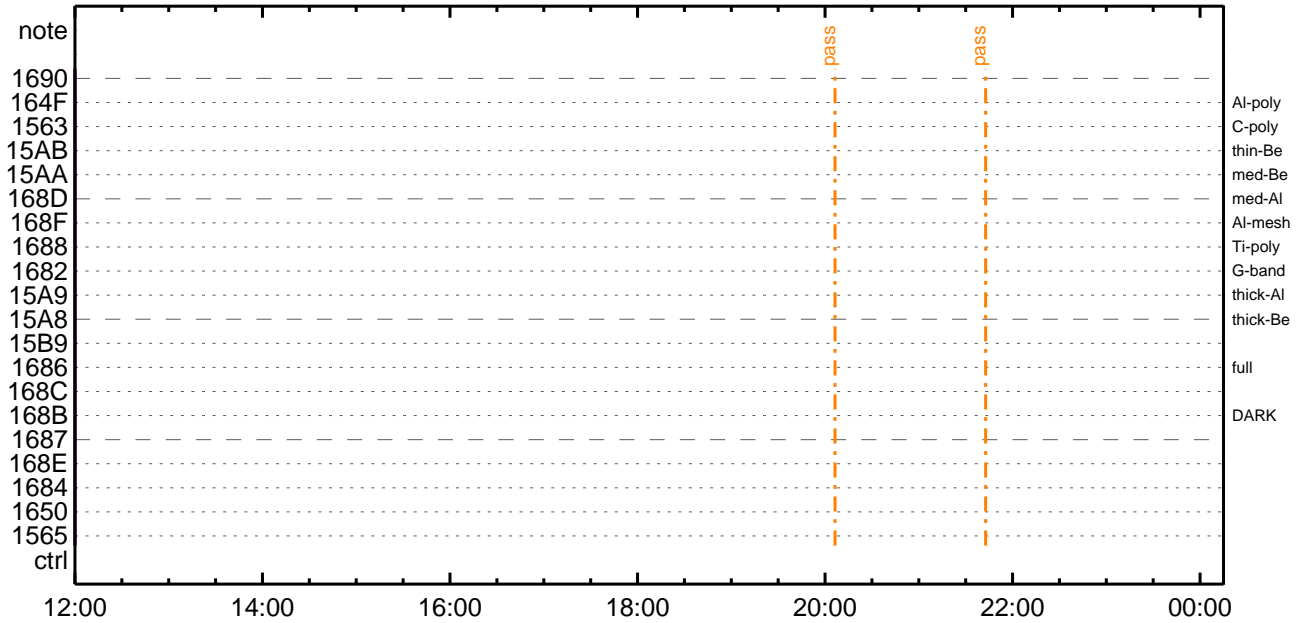
CMDI #0522 2009/04/27



CMDI #0522 2009/04/28



CMDI #0522 2009/04/28







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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOYx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-551:OP
0104 ( )
0105 S. OG og-551:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½Ã´¶Á°òEÉ-ò°Á÷¿@ (¼âµ-YAYOYx½ê½çòðÁÓÆòÇ¼ª°²òE¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î½î¹ç;ç°E²¼òî½TI-CMDÁ÷¿@²î½Á¹Ô²°²E²ò²³òE;f
0180 C. ²²ò¿;çSET²E²DUMP²î½±°îYNY¹²ç¹Ô²|²³òE;f
0181 C.
0182 C. TIY³Y²Y³Y²E²òðÁDî¿(UT)
0183 +. TI 2009-04-23 10:08:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-04-23 10:08:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-04-23 10:08:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2009-04-23 10:12:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          꺆꺆[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0198 C.
0199 C. °Ê²¼αîÄê%îíñαîŷÄŷ§ŷÄŷ-¹àîŷ
0200 C.          꺆꺆[HK1_TI_CMD_ENA/DIS]      EQ          ENA
0201 C.          꺆꺆[HK1_TI_CMD_NUM]          EQ          4
0202 C.          꺆꺆[HK1_NEXT_EXEC_PIM]       EQ          DHU
0203 C.          꺆꺆[HK1_NEXT_EXEC_DC]        EQ          0xB3
0204 C.
0205 . C. *****
0206 C. TIîŷ°êŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC          (03 ab 03 01 02)
0212 C.          꺆꺆[HK1_DMP_TOP_ADRS_1]     EQ          07
0213 C.          꺆꺆[HK1_DMP_TOP_ADRS_0]     EQ          2B
0214 C.          꺆꺆[HK1_DMP_BLOCK_NUM]      EQ          3
0215 C.          꺆꺆[HK1_DMP_REPEAT_NUM]     EQ          0
0216 C.          꺆꺆[HK1_DMA_DMP_PIM]        EQ          DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC          (07 0b f8)
0219 C.          꺆꺆[HK1_PKT_FORM_NO]        EQ          7
0220 C.          꺆꺆[HK1_PKT_GEN_TIME]        EQ          0.25 s
0221 C.          꺆꺆[HK1_S_TLM_BIT_RATE]     EQ          32k
0222 C.          꺆꺆[HK1_X_TLM_BIT_RATE]     EQ          4M
0223 C.          꺆꺆[HK1_DMP_CHK_FLG]        EQ          EXEC
0224 C.
0225 . C. ŷÄŷÖŷ×½ªî»αð³îÇ§
0226 C.          꺆꺆[HK1_DMP_CHK_FLG]        EQ          NON
0227 C.
0228 . C. RAM ID=TI_TBLαîŷ°ê²îOKαð³îÇ§
0229 C.
0230 . C. DHUŷä;¼ŷÊ;Êŷ¼, ŷî;¼ŷÊ;Êαðîäα¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC          (02 0a f8)
0233 C.          꺆꺆[HK1_PKT_FORM_NO]        EQ          2
0234 C.          꺆꺆[HK1_PKT_GEN_TIME]        EQ          0.5S
0235 C.          꺆꺆[HK1_S_TLM_BIT_RATE]     EQ          32K
0236 C.          꺆꺆[HK1_X_TLM_BIT_RATE]     EQ          4M
0237 C.
0238 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0239 C. Upload the Orbit Element and the Target Attitude
0240 C. RAM-ID:TARGET_ATT
0241 . S. RAM ram-150:TARGET_ATT
0242 ( )
0243 C.
0244 C.
0245 C. Set the dump memory area of TARGET_ATT
0246 +. DC 02-48 AOCU_DUMP_SET
0247 BC          (07 00 00 00 18 00)
0248 C.
0249 C. <A_STs1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0250 C.
0251 C.
0252 C. Change the TLMFormatNo for the AOCs Dump Format
0253 +. DC 01-22 DHU_MODE_CHNG
0254 BC          (04 0b f8)
0255 C.
0256 C. Wait for AOCSDUMP to end
0257 C.
0258 . C. Check the dump memory
0259 C.
0260 C.          Result = OK [ ]
0261 C.
0262 +. DC 01-22 DHU_MODE_CHNG
0263 BC          (02 0a f8)
0264 C.
0265 C.          <A_***>[TLM STS] FMT = 2 [ ]
0266 C.
0267 +. DC 02-8E AOCU_ORB_UPD
0268 . C.
0269 C. *****
0270 C. SOT TI command set
0271 C. *****
0272 C. Execute, after the success of OP upload.
0273 +. TI 2009-04-23 10:12:16.0
0274 DC 07-F0 MDP_SOT_MODE_STBY
0275 BC          (41)
0276 . C. -----
0277 C.          HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0278 C. -----
0279 C. ***** SOT END *****
0280 . C. Stop EIS observation and temporarily disable EIS mode changes
0281 C.
0282 C.
0283 C. ***** Start EIS operation (TI set) *****
0284 C. Execute, after the success of OP upload.
0285 C. Set EIS TI-commands
0286 +. TI 2009-04-23 10:12:30.0
0287 DC 07-FC EIS_MODE_MANU
0288 BC          (21 02)
0289 +. TI 2009-04-23 10:12:40.0
0290 DC 07-FC EIS_MODE_CHG_DIS
0291 BC          (22)

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(a) Spacecraft Operation Procedure (real-commands)

```
main-552 2009-04-23 12:23:05 148 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èα¿αAα•μ°E»ÍxÁÇαÍYçYÁY×Yí;¼YÉ;ÈÈè%μ•ííÉ;ÈαÈ¼°ÇÓα•α¿¼í¹çαÍ;çÀ®, ùα¹αÈαBαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 80 80 20 04)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 c0 c0 10 10)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 40 c0 10 10)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 40 40 10 10)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a c0 40 10 10)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 08 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c 80 80 20 20)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0d 8c 83 0c 0c)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0e 80 80 06 06)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0f 80 80 04 04)
0060 + DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 10 80 80 10 10)
0062 . C. ----- Success Verify ? OK / NG ____
0063 C.
0064 C.
0065 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0066 C.
0067 +. DC 07-F0 MDP_XRT_MODE_OBSV
0068 BC (c2)
0069 +. TI 2009-04-23 10:12:02.0
0070 DC 07-F0 MDP_XRT_MODE_OBSV
0071 BC (c2)
0072 . C. ----- Success Verify ? OK / NG ____
0073 C.
0074 C. ***** XRT END *****
0075 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0076 +. DC 07-FC EIS_MODE_MANU
0077 BC (21 02)
0078 . C. Verify EIS in MANUAL mode
0079 . C. Estimated OBSTBL upload time is 57s
0080 C. *****
0081 C. EIS START OBSTBL LOAD
0082 C. *****
0083 . S. RAM ram-820:EIS_OBSTBL
0084 ( )
0085 +. DC 07-FC EIS_DUMP_OBSTBL
0086 BC (07 07 07 00 00 70 00)
0087 C.
0088 C. Execute, after the success of OBSTBL upload.
0089 C. Set EIS TI-commands
0090 +. TI 2009-04-23 10:12:50.0
0091 DC 07-FC EIS_MODE_CHG_ENA
0092 BC (20)
0093 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0094 C. *****
0095 C. EIS END OBSTBL LOAD
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0096 C. *****
0097 C. *****
0098 C. START of XRT_CCD_HEATER_ON operation
0099 C. *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 C. ----- Success Verify ? OK / NG;
0104 C.
0105 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0106 BC (c4 12)
0107 + DC 07-F0 MDP_XRT_FLD_DIS
0108 BC (d9)
0109 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0110 BC (c9)
0111 + DC 07-F0 MDP_XRT_ARS_DIS
0112 BC (d5)
0113 C. ----- Success Verify ? OK / NG ____
0114 C.
0115 C.
0116 C. All OK? Yes--> Please Proceed. / No --> Stop here.
0117 C.
0118 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0119 BC (c0)
0120 C. ----- Success Verify ? OK / NG;
0121 C.
0122 +. DC 04-BC TCIB_XRT_S_HTR_A_ENA
0123 C. ----- Success Verify ? OK / NG;
0124 C.
0125 C. -----
0126 C. If anomalous situation appeared, execute TCIB_XRT_S_HTR_A_DIS using DCBC-441 (line 24)
0127 C. -----
0128 C. *****
0129 C. END of XRT_CCD_HEATER_ON operation
0130 C. *****
0131 C.
0132 C.
0133 C.
0134 . C. ***** MDP 'ûÃîâî»ö¼ÝðËÂð¹ñèDCBC•x²è *****
0135 C. (%á°îÿÓÿÄÿËÿPÿËÿáÿçÿèñ¼ññ¼Ä»Ûñ¹è)
0136 . S. DC-BC dcbc-402:DCBC
0137 (MDP_known_event)
0138 C.
0139 C.
0140 . C. ***** ¥Ðÿ¹•Ï Daily±¿ÎÑñË´Øñ¹èDCBC•x²è *****
0141 . S. DC-BC dcbc-153:DCBC
0142 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0143 C.
0144 C.
0145 . C. ;ãLOS¥Á¥$¥Ä¥¹¼Ä»Û;ä
0146 C.
0147 . C. ***** LOS *****
0148 C.

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Apr 23, 09 12:23

## XRT\_OGLIST\_0522.chk

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\*\*\* OP Sequence for XRT \*\*\*

2009/04/23	10:23:00.0	AOCS_ORe-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	00	53	8d	00 00
2009/04/23	10:43:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/23	11:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0				c0
2009/04/23	12:32:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/23	12:49:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0				c0
2009/04/23	14:10:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/23	14:38:00.0	XRT_Custom_430_OG [0x1ae]						
2009/04/23	14:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0				c0
2009/04/23	15:49:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/23	16:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00	ca	a8	40 e5
2009/04/23	16:27:30.0	XRT_Custom_430_OG [0x1ae]						
2009/04/23	16:28:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0				c0
2009/04/23	17:14:54.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/23	17:14:56.0	XRT_QT_PROG_SET_400_OG [0x190]						
		MDP_XRT_QT_PROG_SET	2	07-F0		c4		01
2009/04/23	17:14:58.0	XRT_ARS_DIS_422_OG [0x1a6]						
		MDP_XRT_ARS_DIS	1	07-F0				d5
2009/04/23	17:15:00.0	XRT_FLD_DIS_445_OG [0x1bd]						
		MDP_XRT_FLD_DIS	1	07-F0				d9
2009/04/23	17:15:02.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0				c9
2009/04/23	17:15:04.0	XRT_CTRL_AUTO_403_OG [0x193]						
		MDP_XRT_CTRL_AUTO	1	07-F0				c0
2009/04/23	17:27:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/23	18:04:30.0	XRT_Custom_430_OG [0x1ae]						
2009/04/23	18:05:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0				c0
2009/04/23	19:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/23	19:41:30.0	XRT_Custom_430_OG [0x1ae]						
2009/04/23	19:42:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0				c0
2009/04/23	20:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00	ca	a8	40 e5
2009/04/23	20:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/23	21:14:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/23	21:14:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_417_OG [0x1a1]						
		TCIB_XRT_S_HTR_A_DIS	0	04-C0				
2009/04/23	22:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/24	00:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/24	01:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/24	03:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/24	03:39:54.0	XRT_CTRL_MANU_448_OG [0x1c0]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/24	03:40:00.0	AOCS_ORe-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	00	2e	f9	2e f9
2009/04/24	03:42:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff		aa 00
2009/04/24	03:42:52.0	XRT_QT_PROG_SET_411_OG [0x19b]						
		MDP_XRT_QT_PROG_SET	2	07-F0		c4		0a
2009/04/24	03:42:54.0	XRT_FLD_DIS_419_OG [0x1a3]						
		MDP_XRT_FLD_DIS	1	07-F0				d9
2009/04/24	03:42:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0				c9
2009/04/24	03:42:58.0	XRT_ARS_DIS_418_OG [0x1a2]						
		MDP_XRT_ARS_DIS	1	07-F0				d5
2009/04/24	03:43:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0				c0
2009/04/24	03:49:54.0	XRT_CTRL_MANU_448_OG [0x1c0]						
		MDP_XRT_CTRL_MANU	1	07-F0				c1
2009/04/24	03:50:00.0	AOCS_ORe-point_Start_4_OG [0x09a]						
		AOCU_NM	5	02-76	00	2e	f9	d1 07
2009/04/24	03:52:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff		aa 00
2009/04/24	03:52:52.0	XRT_QT_PROG_SET_421_OG [0x1a5]						
		MDP_XRT_QT_PROG_SET	2	07-F0		c4		0b
2009/04/24	03:52:54.0	XRT_FLD_DIS_419_OG [0x1a3]						
		MDP_XRT_FLD_DIS	1	07-F0				d9
2009/04/24	03:52:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0				c9
2009/04/24	03:52:58.0	XRT_ARS_DIS_418_OG [0x1a2]						
		MDP_XRT_ARS_DIS	1	07-F0				d5
2009/04/24	03:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						



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2009/04/24	03:59:54.0	XRT_CTRL_MANU_448_OG [0x1c0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/24	04:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/24	04:02:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	AOCU_NM	5	02-76	00 d1 07 d1 07				
2009/04/24	04:02:52.0	XRT_QT_PROG_SET_404_OG [0x194]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/04/24	04:02:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2009/04/24	04:02:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/24	04:02:58.0	XRT_ARS_DIS_418_OG [0x1a2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/24	04:03:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/24	04:09:54.0	XRT_CTRL_MANU_448_OG [0x1c0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/24	04:10:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/24	04:12:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	AOCU_NM	5	02-76	00 d1 07 2e f9				
2009/04/24	04:12:52.0	XRT_QT_PROG_SET_423_OG [0x1a7]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/04/24	04:12:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2009/04/24	04:12:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/24	04:12:58.0	XRT_ARS_DIS_418_OG [0x1a2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/24	04:13:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/24	04:19:54.0	XRT_CTRL_MANU_448_OG [0x1c0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/24	04:20:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/24	04:22:32.0	XRT_FOCUS_POSITION_434_OG [0x1b2]	AOCU_NM	5	02-76	00 00 00 00 00				
2009/04/24	04:22:52.0	XRT_QT_PROG_SET_438_OG [0x1b6]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/04/24	04:22:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/04/24	04:22:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/24	04:22:58.0	XRT_ARS_DIS_418_OG [0x1a2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/24	04:23:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/24	04:27:54.0	XRT_CTRL_MANU_448_OG [0x1c0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/24	04:28:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/24	04:30:32.0	XRT_FOCUS_POSITION_434_OG [0x1b2]	AOCU_NM	5	02-76	00 ff 2c 03 33				
2009/04/24	04:30:52.0	XRT_QT_PROG_SET_438_OG [0x1b6]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/04/24	04:30:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/04/24	04:30:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/24	04:30:58.0	XRT_ARS_DIS_418_OG [0x1a2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/24	04:31:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/24	04:38:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/24	05:14:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/24	05:14:54.0	XRT_CTRL_MANU_448_OG [0x1c0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/24	05:15:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/24	05:17:32.0	XRT_FOCUS_POSITION_434_OG [0x1b2]	AOCU_NM	5	02-76	00 02 35 ff 75				
2009/04/24	05:17:52.0	XRT_QT_PROG_SET_438_OG [0x1b6]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/04/24	05:17:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/04/24	05:17:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/24	05:17:58.0	XRT_ARS_DIS_418_OG [0x1a2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/24	05:18:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/24	05:22:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/24	05:22:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/24	05:23:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/04/24	05:23:16.0	XRT_FLD_DIS_419_OG [0x1a3]	AOCU_NM	5	02-76	00 00 00 00 00				
			MDP_XRT_FLD_DIS	1	07-F0	d9				

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2009/04/24	05:23:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/04/24	05:23:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/04/24	05:25:58.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2009/04/24	05:26:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/24	05:32:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/24	05:32:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2009/04/24	05:33:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 ca a8	40 e5
2009/04/24	05:33:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2009/04/24	05:33:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/04/24	05:33:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/04/24	05:33:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/04/24	05:36:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/24	06:19:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/24	06:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/24	07:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/24	08:31:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/24	09:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/24	09:29:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2009/04/24	09:30:00.0	AOCS_OrE-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	02 00 00 00	00 00
2009/04/24	09:30:16.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2009/04/24	09:30:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/04/24	09:30:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/04/24	09:30:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/04/24	09:30:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/04/24	09:33:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/24	09:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/24	09:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/24	09:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2009/04/24	10:00:00.0	AOCS_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 00 00 00	00 00
2009/04/24	10:00:16.0	XRT_QT_PROG_SET_412_OG [0x19c]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2009/04/24	10:00:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/04/24	10:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/04/24	10:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/04/24	10:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/04/24	10:10:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/24	11:30:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/24	11:48:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/24	12:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/24	12:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2009/04/24	13:00:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 53 8d	00 00
2009/04/24	13:00:16.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
2009/04/24	13:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/04/24	13:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/04/24	13:00:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/04/24	13:00:24.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/24	13:36:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/24	13:36:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					

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2009/04/24	13:37:16.0	XRT_QT_PROG_SET_413_OG [0x19d]	4	07-F8	22	fe	97	00
		MDP_XRT_QT_PROG_SET	2	07-F0	c4		04	
2009/04/24	13:37:18.0	XRT_AEC_RESET_415_OG [0x19f]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/04/24	13:37:20.0	XRT_ARS_DIS_422_OG [0x1a6]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/04/24	13:37:22.0	XRT_FLD_DIS_445_OG [0x1bd]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/04/24	13:37:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/04/24	13:40:00.0	XRT_CTRL_AUTO_403_OG [0x193]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/04/24	14:47:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/24	14:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/24	14:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]						
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/04/24	15:00:00.0	AOCS_Or-e-point_Start_11_OG [0x0a1]						
		AOCU_NM	5	02-76	00	48	e5	00 00
2009/04/24	15:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4		14	
2009/04/24	15:00:18.0	XRT_AEC_RESET_415_OG [0x19f]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/04/24	15:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/04/24	15:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/04/24	15:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/04/24	15:17:30.0	XRT_Custom_430_OG [0x1ae]						
2009/04/24	15:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/04/24	16:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/24	17:04:30.0	XRT_Custom_430_OG [0x1ae]						
2009/04/24	17:05:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/04/24	17:54:24.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/24	17:54:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/04/24	17:54:30.0	AOCS_Or-e-point_Start_7_OG [0x09d]						
		AOCU_NM	5	02-76	00	00	00	00 00
2009/04/24	17:54:46.0	XRT_FLD_DIS_419_OG [0x1a3]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/04/24	17:54:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/04/24	17:54:50.0	XRT_ARS_DIS_410_OG [0x19a]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/04/24	17:57:28.0	XRT_QT_PROG_SET_414_OG [0x19e]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4		02	
2009/04/24	17:57:30.0	XRT_CTRL_AUTO_440_OG [0x1b8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/04/24	18:04:24.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/24	18:04:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]						
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/04/24	18:04:30.0	AOCS_Or-e-point_Start_11_OG [0x0a1]						
		AOCU_NM	5	02-76	00	48	e5	00 00
2009/04/24	18:04:30.5	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/24	18:04:46.0	XRT_QT_PROG_SET_420_OG [0x1a4]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4		14	
2009/04/24	18:04:48.0	XRT_AEC_RESET_415_OG [0x19f]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/04/24	18:04:50.0	XRT_ARS_DIS_422_OG [0x1a6]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/04/24	18:04:52.0	XRT_FLD_DIS_445_OG [0x1bd]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/04/24	18:04:54.0	XRT_FLRCTRL_DIS_406_OG [0x196]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/04/24	18:41:30.0	XRT_Custom_430_OG [0x1ae]						
2009/04/24	18:42:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/04/24	19:43:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/24	20:18:00.0	XRT_Custom_430_OG [0x1ae]						
2009/04/24	20:19:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/04/24	21:21:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/24	21:55:30.0	XRT_Custom_430_OG [0x1ae]						
2009/04/24	21:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/04/24	23:00:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/24	23:30:00.0	XRT_Custom_430_OG [0x1ae]						
2009/04/24	23:31:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/04/25	00:38:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			

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2009/04/25	00:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/25	00:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	00:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/04/25	01:00:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/04/25	01:00:16.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2009/04/25	01:00:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/04/25	01:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/25	01:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/25	01:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/25	01:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/25	02:10:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	02:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/25	03:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	04:14:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/25	04:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	04:49:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/04/25	04:50:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/04/25	04:50:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/25	04:50:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/25	04:50:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/25	04:52:58.0	XRT_QT_PROG_SET_401_OG [0x191]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2009/04/25	04:53:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/25	04:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	04:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/04/25	05:00:00.0	AOCS_Ore-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 37 1a c0 9c				
2009/04/25	05:00:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/04/25	05:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/25	05:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/25	05:00:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/25	05:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/25	05:16:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	05:52:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/25	06:57:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	07:31:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/25	08:37:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	08:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	08:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/04/25	09:00:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/04/25	09:00:16.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2009/04/25	09:00:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/04/25	09:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/25	09:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/25	09:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/25	09:09:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/25	09:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/25	10:00:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 00 00				