

# XRT Timeline to be uploaded on 2009/09/05

Period: 2009/09/05 10:24:00 - 2009/09/10 09:42:00

\* \* \* \* \*

Normal mode

\* \* \* \* \*

## XOB #16E7: Synoptic Q95 2x2 - Al/poly(181/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) + Ti-poly(256/4096) + G-band(16

Term	Pointing (x, y)	Comment
09/05 17:45:00 - 09/05 17:51:54	Fixed ( 0.0, 0.0)	synoptic, shifted -18.0 min
09/06 18:03:00 - 09/06 18:09:54	Fixed ( 0.0, 0.0)	synoptic
09/07 18:09:00 - 09/07 18:15:00	Fixed ( 0.0, 0.0)	synoptic, shifted 6.0 min

**PROG= 12 1-time(s)**

Subr= 1 1-time(s) 12.0sec										
<b>Seqn= 30 1-time(s) 4.0sec</b>										
Al-poly/Open Al-poly/Open close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec										
Al-poly/Open Al-poly/Open close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 85 1-time(s) 2.0sec</b>										
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										
Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec										
Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec										
<b>Seqn= 60 1-time(s) 4.0sec</b>										
Open/Ti-poly Open/Ti-poly close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec										
Open/Ti-poly Open/Ti-poly close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 92 1-time(s) 2.0sec</b>										
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 #16C0: XBP C/poly (AEC1) Thin-Be (AEC0)-FOV384-90s

Term	Pointing (x, y)	Comment
09/05 17:55:00 - 09/05 21:20:00	Track ( -56.3, 0.2) @ 09/05 17:52:00	# EIS QS studies at disk center, onset of XRBs.

**PROG= 05 Inf.-time(s)**

Subr= 1 1-time(s) 90.0sec										
<b>Seqn= 75 1-time(s) 2.0sec</b>										
C-poly/Open thin-Be/Open close Safe Norm 11.3s Obs 1x1 384x384 (1024, 1024) DPCM 1 0 2.0sec										
thin-Be/Open med-Be/Open close Safe Norm 22.6s Obs 1x1 384x384 (1024, 1024) DPCM 0 0 2.0sec										
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval										

## XOB #16A4: Synoptic 9 Filter- 2x2 Q98 Shorter exp

Term	Pointing (x, y)	Comment
09/05 23:54:00 - 09/06 00:10:00	Track ( -56.3, 0.2) @ 09/05 17:52:00	# EIS QS studies at disk center, onset of XRBs.

**PROG= 10 1-time(s)**

Subr= 1 1-time(s) 180.0sec										
<b>Seqn= 16 1-time(s) 25.0sec</b>										
Open/Al-mesh Open/Al-mesh close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
Open/Al-mesh Open/Al-mesh close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 27 1-time(s) 25.0sec</b>										
Open/Ti-poly Open/Ti-poly close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
Open/Ti-poly Open/Ti-poly close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 65 1-time(s) 25.0sec</b>										
Al-poly/Open Al-poly/Open close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
Al-poly/Open Al-poly/Open close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 91 1-time(s) 25.0sec</b>										
C-poly/Open C-poly/Open close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
C-poly/Open C-poly/Open close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 69 1-time(s) 25.0sec</b>										
Al-poly/Ti-poly Al-poly/thick-Al close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 35 1-time(s) 4.0sec</b>										
thin-Be/Open thin-Be/Open close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Subr= 2 1-time(s) 360.0sec</b>										
<b>Seqn= 20 1-time(s) 4.0sec</b>										
med-Al/Open med-Al/Open close Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 45 1-time(s) 4.0sec</b>										
Open/thick-Be Open/thick-Be close Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 50 1-time(s) 4.0sec</b>										
Open/Al-mesh Open/Al-mesh close Safe Dark 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec										
<b>Seqn= 92 1-time(s) 4.0sec</b>										
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 #16E8: Synoptic Q95 2x2 - Al/mesh(256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(181/2048) + G-band(16

Term	Pointing (x, y)	Comment
09/06 06:03:00 - 09/06 06:09:54	Fixed ( 0.0, 0.0)	synoptic
09/07 06:22:00 - 09/07 06:28:54	Fixed ( 0.0, 0.0)	synoptic, shifted 19.0 min
09/08 05:56:00 - 09/08 06:02:30	Fixed ( 0.0, 0.0)	synoptic, shifted -7.0 min

**PROG= 08 1-time(s)**

<b>Subr= 1 1-time(s) 12.0sec</b>													
<b>Seqn= 18 1-time(s) 4.0sec</b>													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
<b>Seqn= 85 1-time(s) 2.0sec</b>													
	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
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
<b>Seqn= 68 1-time(s) 4.0sec</b>													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 92 1-time(s) 2.0sec</b>													
	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	

<b>XOB #1702: AR dynamics - C/poly - 384x384 - DPCM - 4s - AEC2</b>													
	Term	Pointing (x, y)								Comment			
	09/06 06:13:00 - 09/06 09:59:54	Track ( 568.3, 185.2) @ 09/06 06:10:00								# Track AR 11025.			
	09/06 18:13:00 - 09/06 20:19:30	Track ( 646.4, 194.0) @ 09/06 18:10:00								* AR 11025			
	09/07 00:03:00 - 09/07 01:05:00	Track ( 681.4, 198.6) @ 09/07 00:00:00								* AR 11025.			
<b>PROG= 13 Inf.-time(s)</b>													
<b>Subr= 1 50-time(s) 18.0sec</b>													
<b>Seqn= 87 1-time(s) 2.0sec</b>													
	C-poly/Open	C-poly/Open	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1024, 1024)	DPCM	2	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>													
<b>Seqn= 54 1-time(s) 4.0sec</b>													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	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	

<b>XOB #1700: High Temperature Plasma Study - Med-Be (12s) + Med-Al (32s) - Darks - no AEC - low cadence-4x4</b>													
	Term	Pointing (x, y)								Comment			
	09/06 10:21:00 - 09/06 13:30:00	Track ( 0.0, 0.1) @ 09/06 10:00:00								* HOP 95, network study.			
<b>PROG= 06 Inf.-time(s)</b>													
<b>Subr= 1 1-time(s) 10.0sec</b>													
<b>Seqn=100 20-time(s) 30.0sec</b>													
	med-Be/Open	med-Be/Open	close	Safe	Norm	11.3s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
<b>Seqn= 83 12-time(s) 60.0sec</b>													
	med-Al/Open	Open/thick-Al	close	Safe	Norm	32.0s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
<b>Subr= 2 1-time(s) 4.0sec</b>													
<b>Seqn= 58 1-time(s) 4.0sec</b>													
	med-Be/Open	med-Be/Open	close	Safe	Dark	11.3s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
	med-Be/Open	med-Be/Open	close	Safe	Dark	32.0s	Obs	4x4	2048x2048 (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 #1701: HOP135 QS -FOV256- 60s cadence - Ti/poly (AEC1)</b>													
	Term	Pointing (x, y)								Comment			
	09/07 06:36:00 - 09/07 09:02:30	Fixed ( 700.0, -620.0)								# * HOP 135, H-alpha wing obs, QS near limb.			
<b>PROG= 20 Inf.-time(s)</b>													
<b>Subr= 1 1-time(s) 30.0sec</b>													
<b>Seqn= 99 1-time(s) 2.0sec</b>													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	256x256 (1024, 1024)	Q=95	1	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
* * * * *

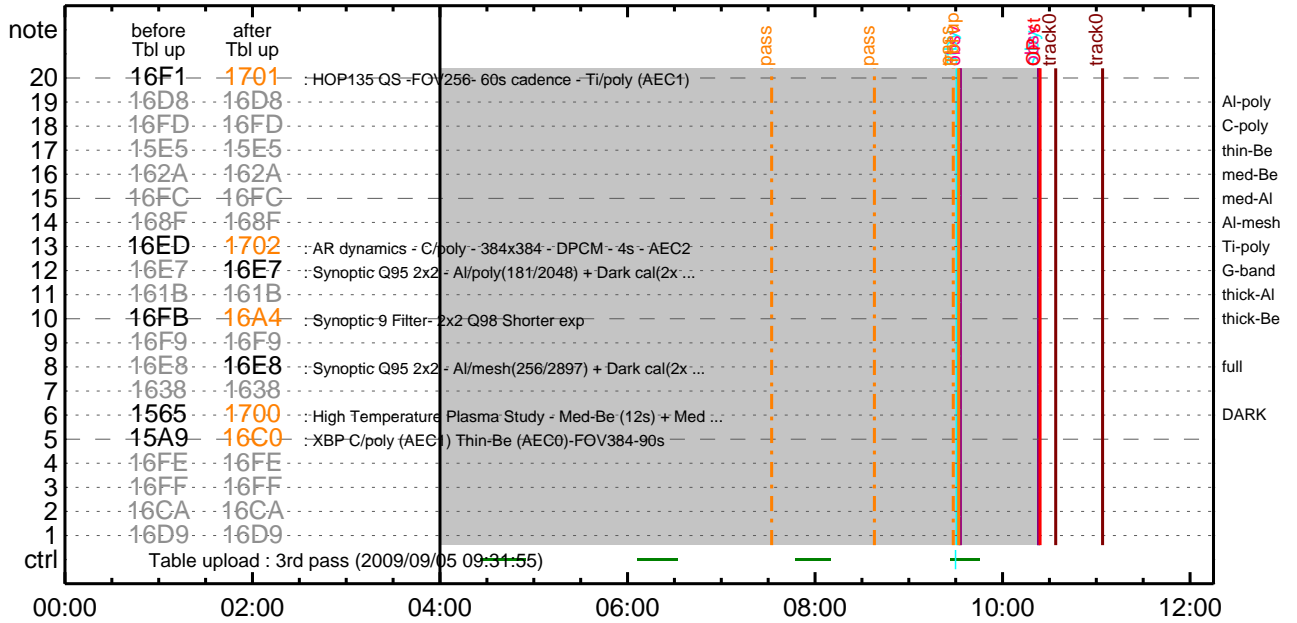
NOT USED

* * * * *
Flare Detection
* * * * *

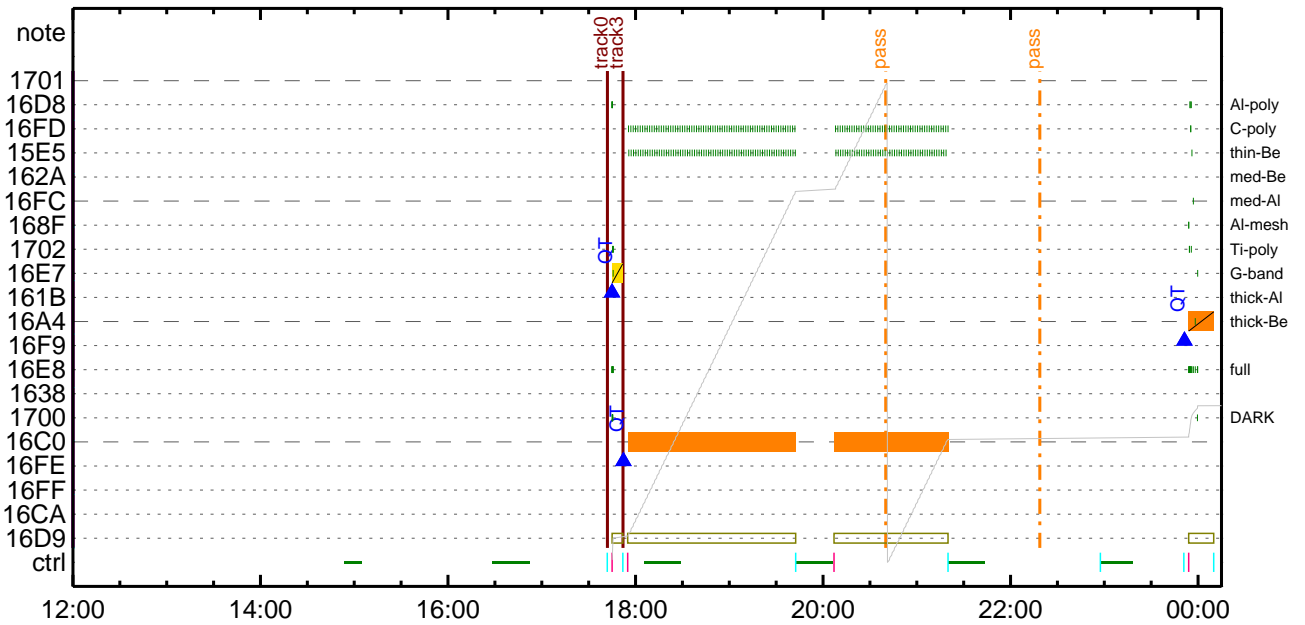
NOT USED

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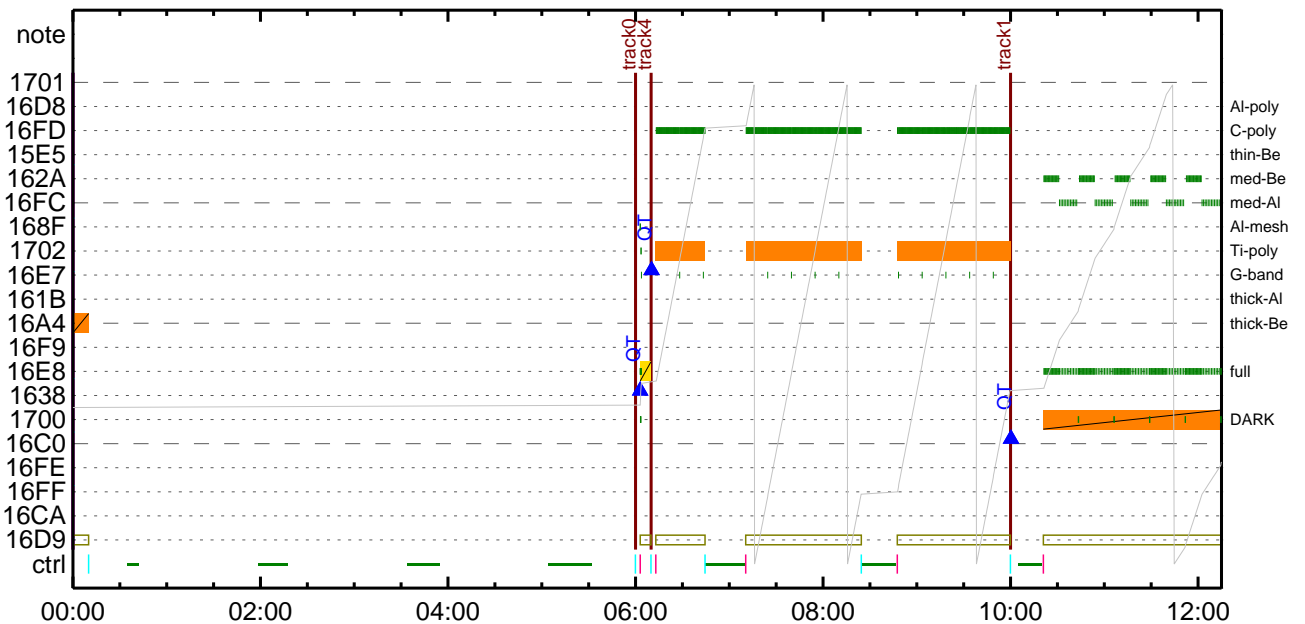
### CMDI #0776 2009/09/05



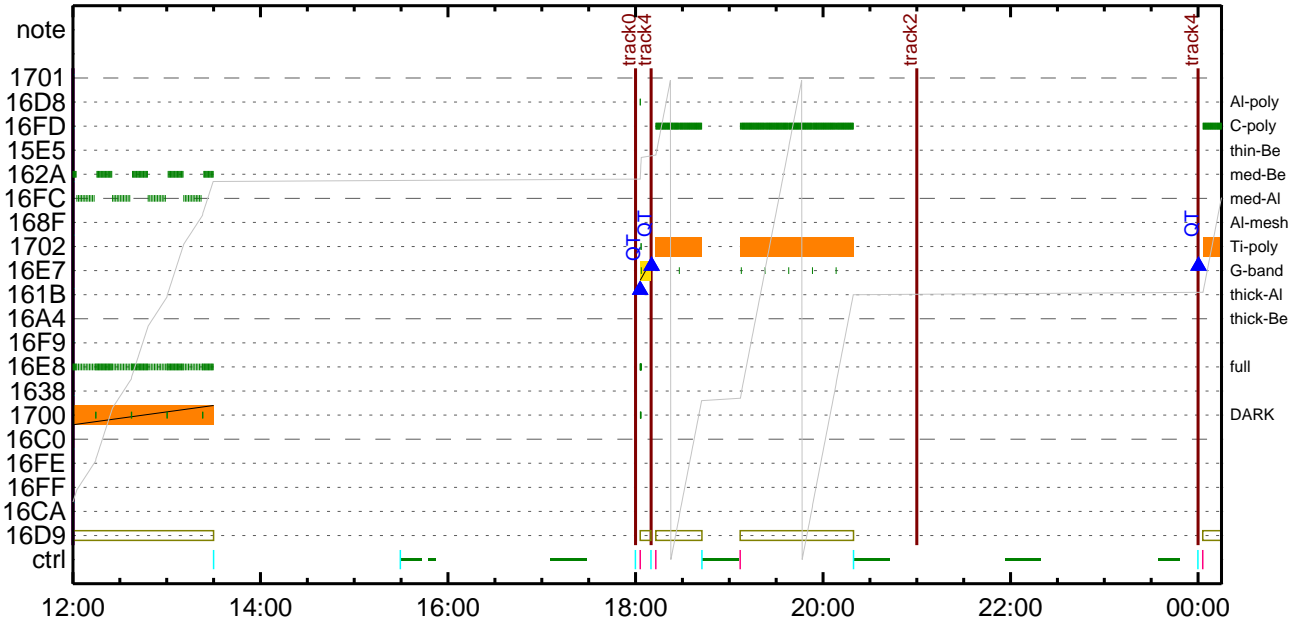
### CMDI #0776 2009/09/05



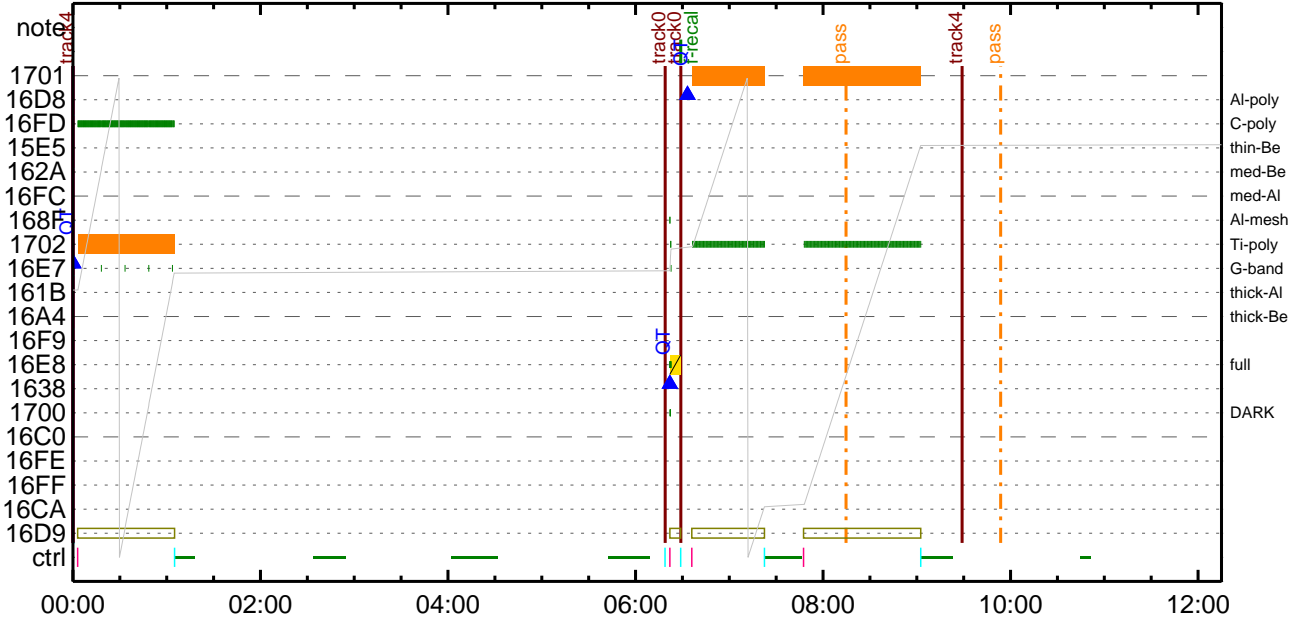
### CMDI #0776 2009/09/06



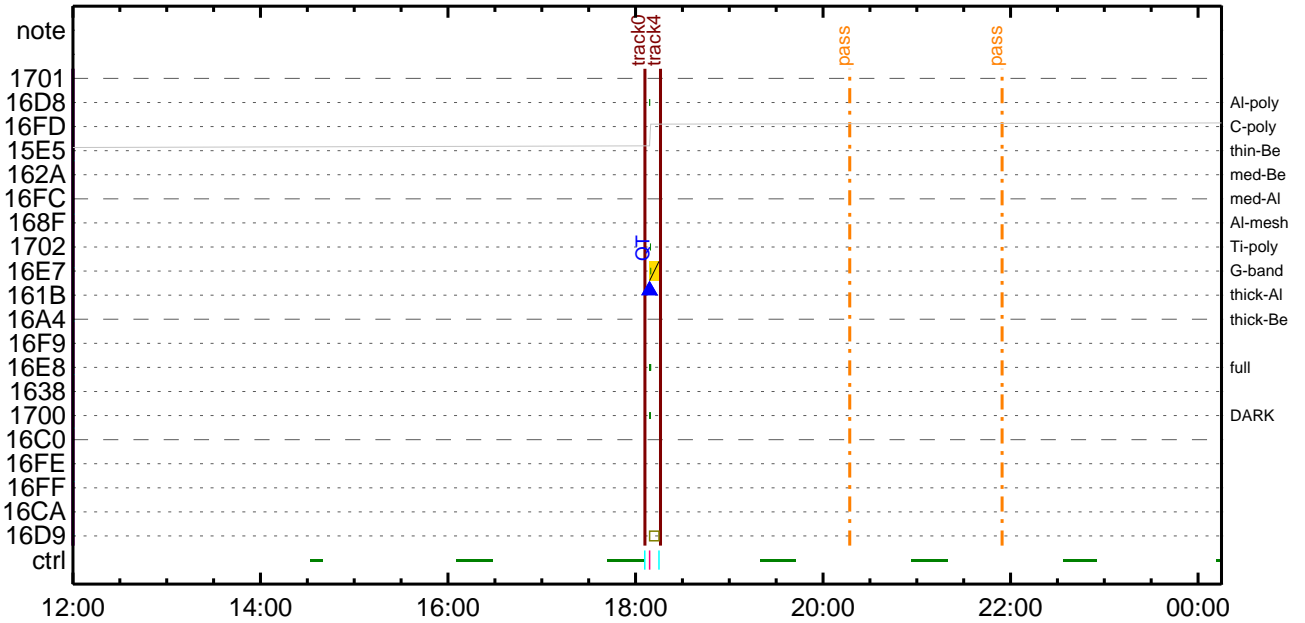
### CMDI #0776 2009/09/06



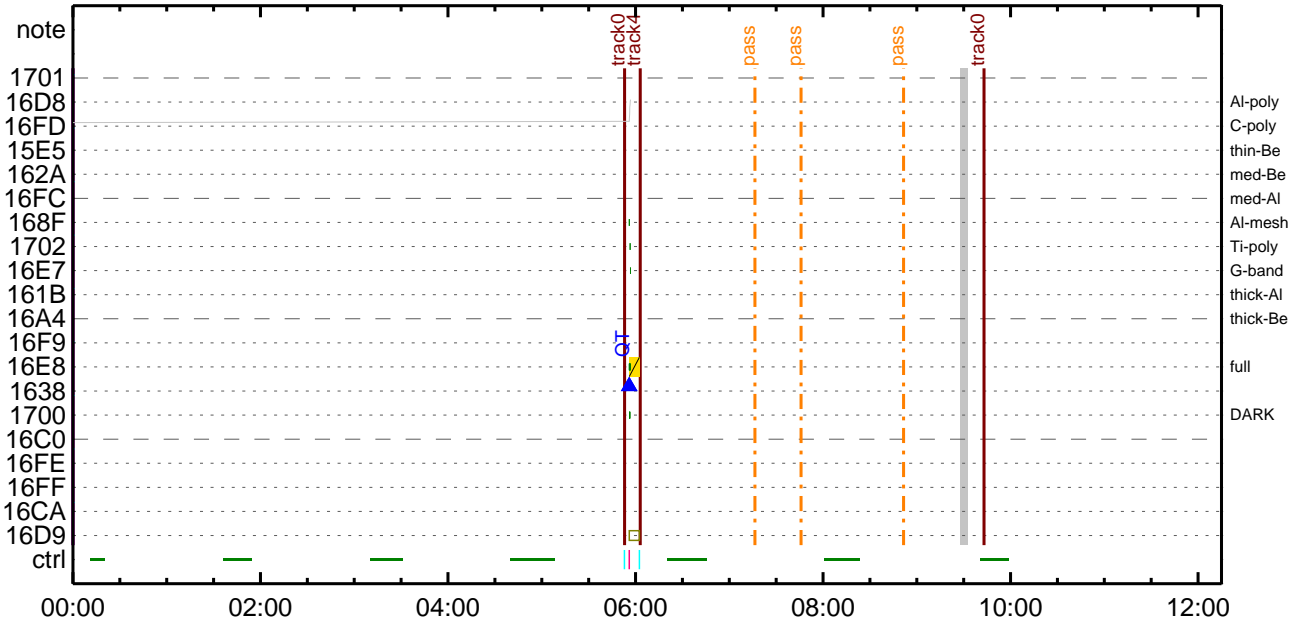
### CMDI #0776 2009/09/07



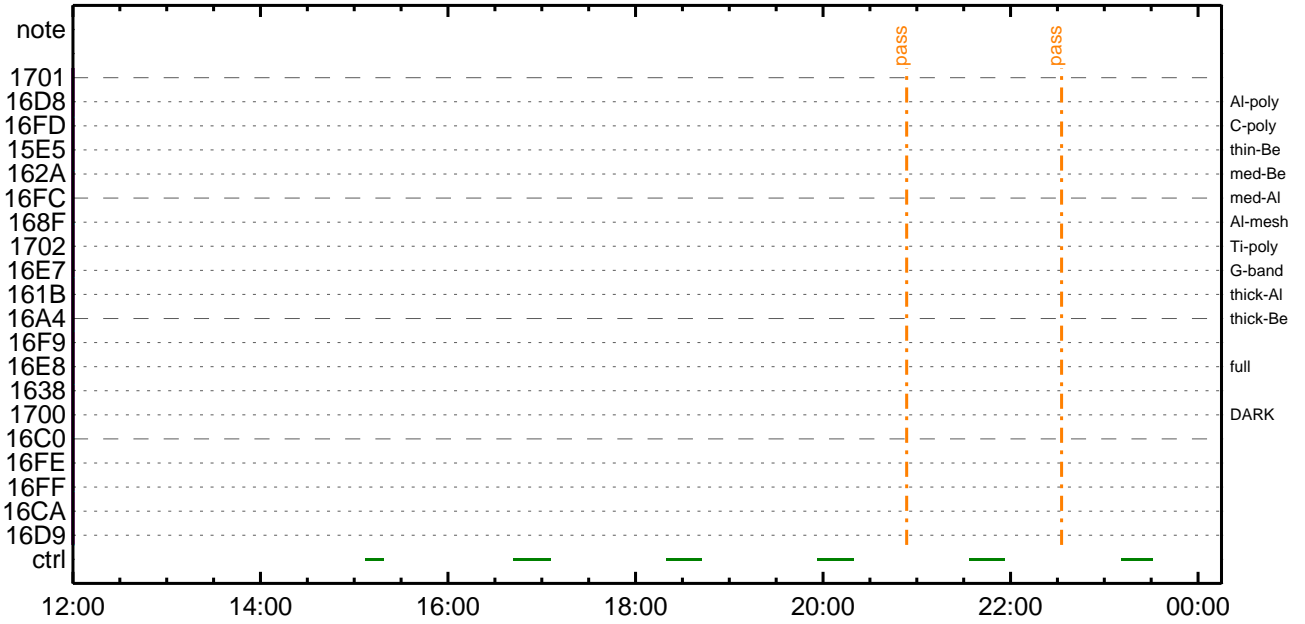
### CMDI #0776 2009/09/07



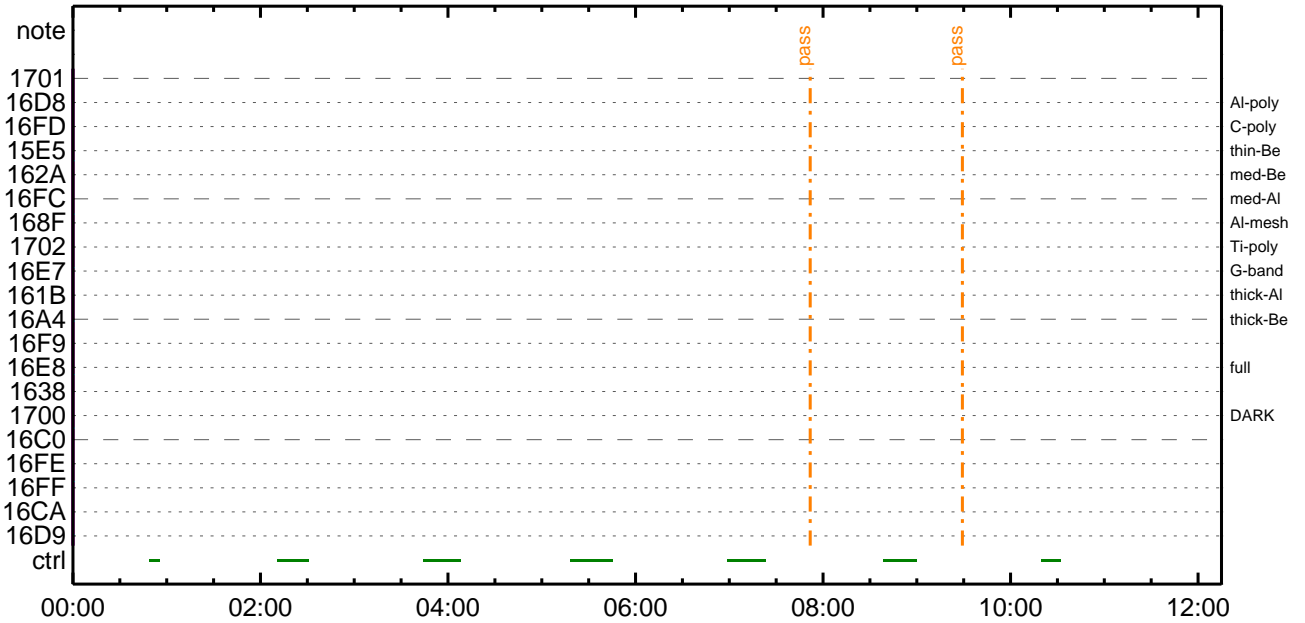
CMDI #0776 2009/09/08



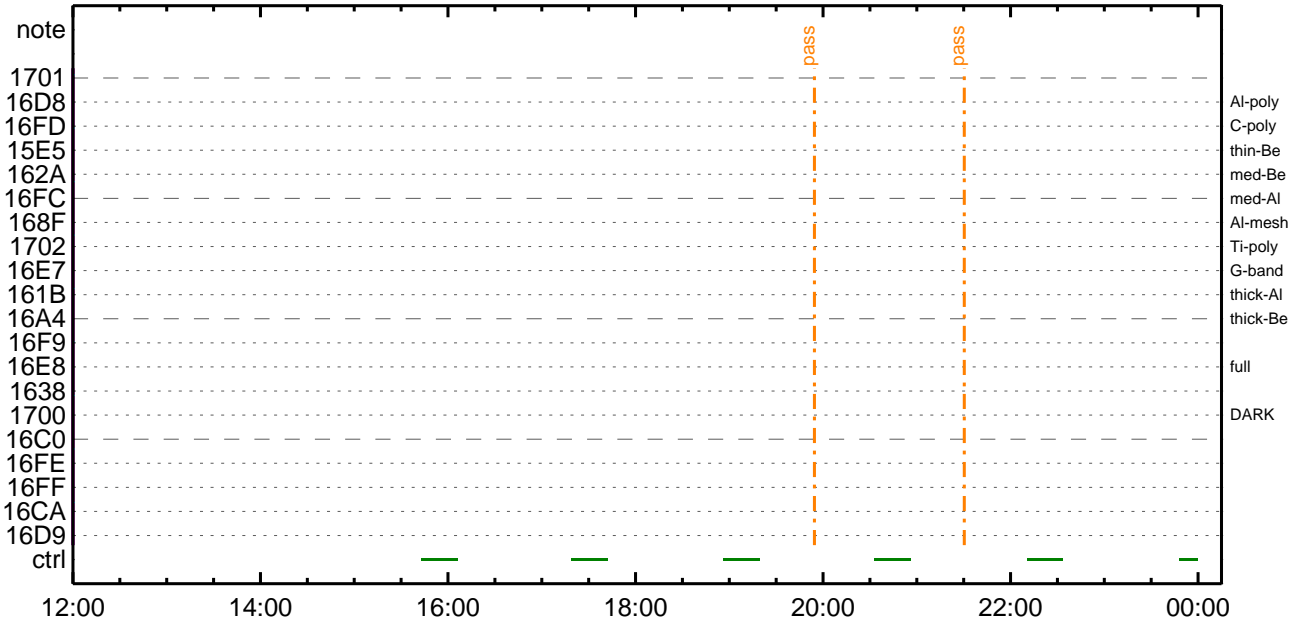
CMDI #0776 2009/09/08



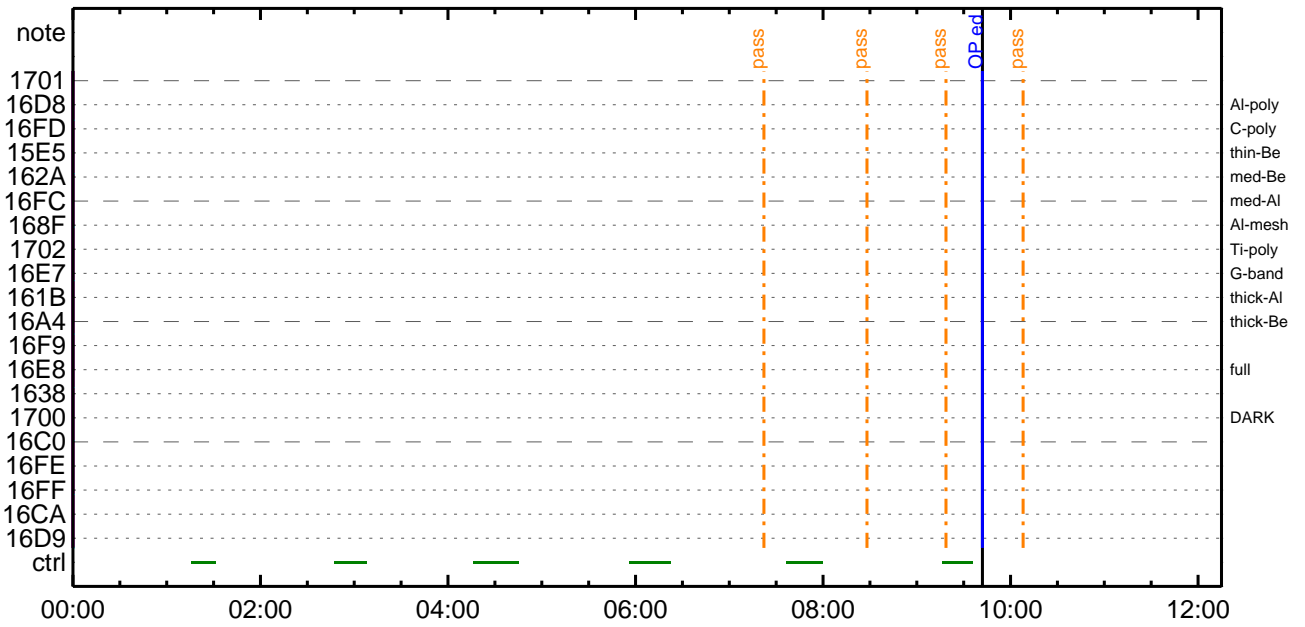
CMDI #0776 2009/09/09



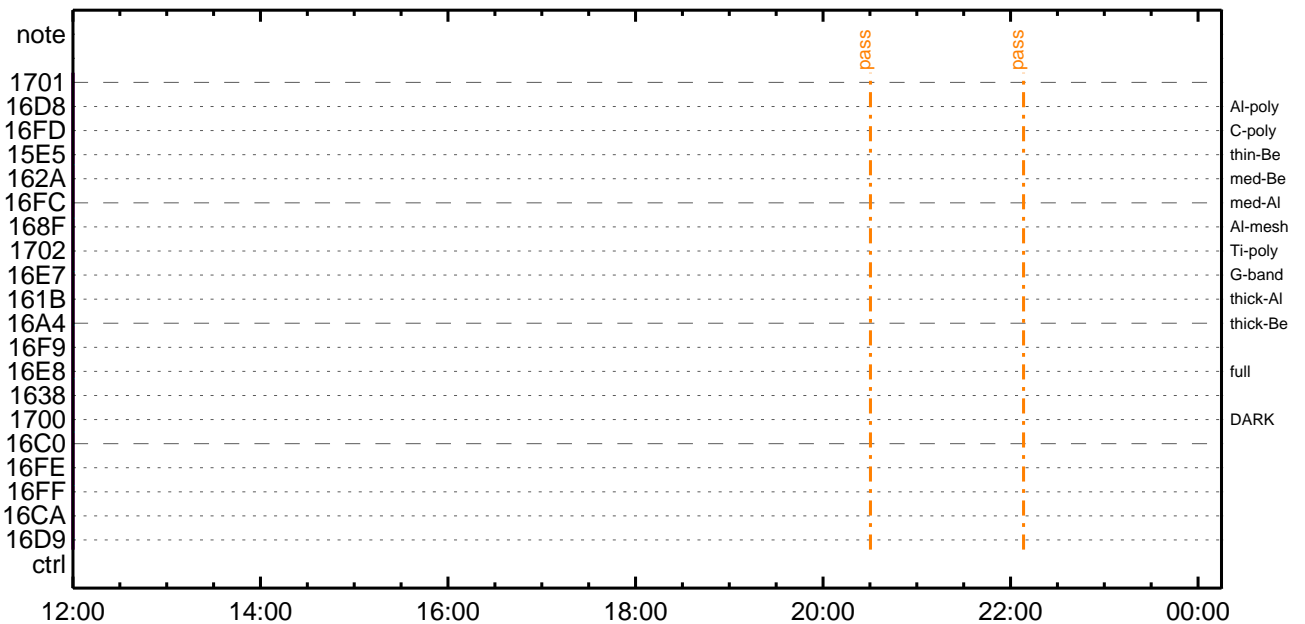
CMDI #0776 2009/09/09



CMDI #0776 2009/09/10



CMDI #0776 2009/09/10





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0096 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0097 C.
0098 C. TI 2009-09-05 10:19:00.0
0099 +. TI 2009-09-05 10:19:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0102 C.
0103 +. TI 2009-09-05 10:19:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0106 C.
0107 +. TI 2009-09-05 10:19:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0110 C.
0111 +. TI 2009-09-05 10:23:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0114 C.
0115 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0116 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0117 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0118 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0119 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0120 C.
0121 C. *****
0122 C. TI 2009-09-05 10:23:59.5
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.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0129 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0130 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0131 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0132 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0136 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0137 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0138 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0139 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0140 C.
0141 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0142 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0143 C.
0144 C. RAM ID=TI_TBL(0x03AB00-0x03AEFF; 1024byte)
0145 C.
0146 C. DHU 01-22 DHU_MODE_CHNG
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0150 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0151 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
0152 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03;
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 2009-09-05 10:23:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2009-09-05 10:23:40.0
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 2009-09-05 10:23:16.0
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 2009-09-05 10:23:00.0
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 01-22 DHU_MODE_CHNG *****
0192 C. (01-22 DHU_MODE_CHNG)
0193 S. DC-BC dcbc-402:DCBC

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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•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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Sep 05, 09 13:01

XRT\_OGLIST\_0776.chk

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

2009/09/05	10:34:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/09/05	11:04:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	24	e5	b6	36
2009/09/05	17:41:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/05	17:41:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/09/05	17:42:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/09/05	17:42:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/05	17:42:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/05	17:42:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/05	17:44:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c			
2009/09/05	17:45:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/05	17:51:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/05	17:51:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/09/05	17:52:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03	00	00	00	00
2009/09/05	17:52:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2009/09/05	17:54:52.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/09/05	17:54:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/05	17:54:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/05	17:54:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/05	17:55:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/05	19:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/05	20:06:00.0	XRT_Custom_430_OG [0x1ae]							
2009/09/05	20:07:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/05	21:20:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/05	22:57:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/05	23:50:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/05	23:50:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/09/05	23:51:16.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a			
2009/09/05	23:53:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/05	23:53:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/05	23:53:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/05	23:54:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/06	00:10:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/09/06	06:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/09/06	06:00:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/06	06:00:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/06	06:00:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/06	06:02:58.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2009/09/06	06:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/06	06:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	06:09:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/09/06	06:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04	00	00	00	00
2009/09/06	06:10:16.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2009/09/06	06:12:52.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/09/06	06:12:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				

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2009/09/06	06:12:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/06	06:12:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/06	06:13:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/06	06:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	07:09:30.0	XRT_Custom_430_OG [0x1ae]							
2009/09/06	07:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/06	08:24:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	08:46:30.0	XRT_Custom_430_OG [0x1ae]							
2009/09/06	08:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/06	09:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	09:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/06	10:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/09/06	10:00:16.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2009/09/06	10:20:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/06	10:20:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/06	10:20:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/06	10:21:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/06	13:30:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	15:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/06	18:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/09/06	18:00:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/06	18:00:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/06	18:00:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/06	18:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/09/06	18:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/06	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	18:09:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/09/06	18:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/09/06	18:10:16.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/09/06	18:12:52.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/09/06	18:12:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/06	18:12:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/06	18:12:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/06	18:13:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/06	18:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	19:06:00.0	XRT_Custom_430_OG [0x1ae]							
2009/09/06	19:07:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/06	20:19:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	21:00:00.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/09/06	23:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/06	23:59:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/09/07	00:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/09/07	00:00:16.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/09/07	00:02:52.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/09/07	00:02:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/07	00:02:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				

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2009/09/07	00:02:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/07	00:03:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/07	01:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/07	06:18:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/07	06:18:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/07	06:19:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/09/07	06:19:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/07	06:19:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/07	06:19:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/07	06:21:58.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2009/09/07	06:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/07	06:28:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/07	06:28:56.0	XRT_FOCUS_RECALIBRATE_437_OG [0x1b5]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2009/09/07	06:29:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 37 1a c1 cb				
2009/09/07	06:32:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/09/07	06:33:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2009/09/07	06:35:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/07	06:35:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/07	06:35:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/07	06:36:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/07	07:22:30.5	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/07	07:46:30.0	XRT_Custom_430_OG [0x1ae]							
2009/09/07	07:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/07	09:02:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/07	09:29:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/09/07	18:05:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/07	18:05:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/07	18:06:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/09/07	18:06:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/07	18:06:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/07	18:06:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/07	18:08:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/09/07	18:09:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/07	18:15:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/07	18:16:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/09/08	05:52:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/08	05:52:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/08	05:53:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/09/08	05:53:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/08	05:53:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/08	05:53:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/08	05:55:58.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2009/09/08	05:56:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/08	06:02:30.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/08	06:03:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/09/08	09:43:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				