

# XRT Timeline to be uploaded on 2008/10/16

Period: 2008/10/16 11:23:00 - 2008/10/21 11:13:00

\* \* \* \* \*

Normal mode

\* \* \* \* \*

XOB #1563: CCD Monitor During Bakeout - G-band + dark - wide FOV												
Term	Pointing (x, y)						Comment					
10/16 11:43:04 - 10/16 13:29:54	Track ( 262.6, 355.3) @ 10/16 11:33:00						# OP start + 10min, HOP 88, cont.					
10/16 13:40:04 - 10/16 15:42:00	Track ( -14.0, -0.0) @ 10/16 13:30:00						* HOP 90 (officially 15 - 18)					
<b>PROG= 17 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	

XOB #1565: CCD Monitor During Bakeout - G-band + dark - wide FOV - lower cadence (30min)												
Term	Pointing (x, y)						Comment					
10/16 15:42:10 - 10/16 17:59:54	Track ( -14.0, -0.0) @ 10/16 13:30:00						* HOP 90 (officially 15 - 18)					
10/16 18:30:04 - 10/16 23:07:00	Track ( 311.4, 357.4) @ 10/16 18:00:00						* Track AR 11005					
<b>PROG= 04 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	

XOB #15E4: Synoptic Q95 2x2 - Al/mesh(256/4096) + Dark cal(362 Q98) + Ti-poly(512/11571) + G-band(16)												
Term	Pointing (x, y)						Comment					
10/17 05:37:00 - 10/17 05:44:54	Fixed ( 0.0, 0.0)						synoptic, shifted manually.					
10/17 13:02:00 - 10/17 15:00:00	Fixed ( 0.0, 0.0)						* Synoptic (supplemental)					
10/18 06:14:30 - 10/18 07:15:30	Fixed ( 0.0, 0.0)						synoptic, shifted 12.5 min					
10/18 07:41:00 - 10/20 08:31:30	Track ( 560.7, 373.6) @ 10/18 06:22:30						# HOP 88 (officially 7 -13 UT).					
10/20 08:54:30 - 10/21 11:13:00	Fixed ( 0.0, 0.0)						Backup plan					
<b>PROG= 16 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 13 1-time(s) 4.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 57 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 4 1-time(s) 4.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	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 #15A8: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 1st Quadrant												
Term	Pointing (x, y)						Comment					
10/17 05:48:00 - 10/17 05:54:54	Fixed ( -528.4, -528.4)						# Post-bakeout four-quadrant pointing, 1 of 4.					
<b>PROG= 18 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	

XOB #15A9: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant												
Term	Pointing (x, y)						Comment					
10/17 05:58:00 - 10/17 06:04:54	Fixed ( 528.4, -528.4)						2 of 4.					
<b>PROG= 01 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	

XOB #15AA: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant												
Term	Pointing (x, y)						Comment					

<b>PROG= 15 1-time(s)</b>												
└─ <b>Subr= 1 1-time(s) 12.0sec</b>												
└─ <b>Seqn= 8 1-time(s) 12.0sec</b>												
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	

**XOB #15AB: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant**

Term	Pointing (x, y)	Comment
10/17 06:18:00 - 10/17 06:37:30	Fixed ( -528.4, 528.4)	* 4 of 4
10/17 07:04:00 - 10/17 07:05:00	Track ( 402.1, 362.0) @ 10/17 06:25:00	* HOP 88 (officially 7 - 13UT)

<b>PROG= 11 1-time(s)</b>												
└─ <b>Subr= 1 1-time(s) 12.0sec</b>												
└─ <b>Seqn= 40 1-time(s) 12.0sec</b>												
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 #15D5: Microflares - Be/thin 11sec AEC 256x256 Q98**

Term	Pointing (x, y)	Comment
10/17 07:07:08 - 10/17 12:59:54	Track ( 402.1, 362.0) @ 10/17 06:25:00	* HOP 88 (officially 7 - 13UT)

<b>PROG= 14 Inf.-time(s)</b>												
└─ <b>Subr= 1 1-time(s) 2.0sec</b>												
└─ <b>Seqn= 42 1-time(s) 2.0sec</b>												
thin-Be/Open	med-Be/Open	close	Safe	Norm	11.3s	Obs	1x1	256x256 (1024, 1024)	Q=98	1	0	55.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #15DB: Al/poly 8s cad=60s + dark FOV384x384**

Term	Pointing (x, y)	Comment
10/17 15:02:08 - 10/17 16:59:00	Track ( -17.1, -0.1) @ 10/17 13:10:00	* HOP 90 (officially from 15 UT).

<b>PROG= 19 Inf.-time(s)</b>												
└─ <b>Subr= 1 1-time(s) 2.0sec</b>												
└─ <b>Seqn= 75 30-time(s) 60.0sec</b>												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	DPCM	1	0	2.0sec
└─ <b>Subr= 2 1-time(s) 2.0sec</b>												
└─ <b>Seqn= 88 1-time(s) 2.0sec</b>												
Al-poly/Open	C-poly/Open	close	Safe	Dark	8.00s	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 #15D6: Synoptic Q95 2x2 - Al/poly(362/5795) + Dark cal(512 Q98) + Ti-poly(512/11571) + G-band(16)**

Term	Pointing (x, y)	Comment
10/17 18:02:00 - 10/17 18:09:54	Fixed ( 0.0, 0.0)	synoptic
10/18 00:02:00 - 10/18 00:17:00	Fixed ( 0.0, 0.0)	* Synoptic (supplemental)

<b>PROG= 06 1-time(s)</b>												
└─ <b>Subr= 1 1-time(s) 12.0sec</b>												
└─ <b>Seqn= 74 1-time(s) 4.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	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
└─ <b>Seqn= 57 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ <b>Seqn= 4 1-time(s) 4.0sec</b>												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	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
└─ <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 #15E1: G-Band Alignment Q90 2x2 8 minute cadence Full FOV**

Term	Pointing (x, y)	Comment
10/17 18:12:00 - 10/17 20:09:54	Fixed ( 0.0, 945.0)	# Alignment offset pointing, N.
10/17 20:12:00 - 10/17 21:50:30	Fixed ( -945.0, 0.0)	* Alignment offset pointing, E.

<b>PROG= 20 1-time(s)</b>												
└─ <b>Subr= 1 1-time(s) 360.0sec</b>												
└─ <b>Seqn= 54 13-time(s) 480.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (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 #1575: AR multifilter - Al/mesh,Ti/Poly,Al/Poly,Thin-Be FOV384 AEC1 Q95-high cadence(3min)**

Term	Pointing (x, y)	Comment
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**PROG= 07 Inf.-time(s)**

Subr= 1		1-time(s)		180.0sec								
Seqn= 63		1-time(s)		4.0sec								
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	384x384 (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	

**XOB #15DE: XBP Q90 Al/poly (AEC1) + Ti/poly (AEC1) + Thin-Be (AEC0) 256x256 - 1min cadence**

Term	Pointing (x, y)	Comment
10/18 00:19:08 - 10/18 05:35:30	Track ( 85.4, 0.9) @ 10/18 00:10:00	* QS obs for EIS (onset of XBPs).

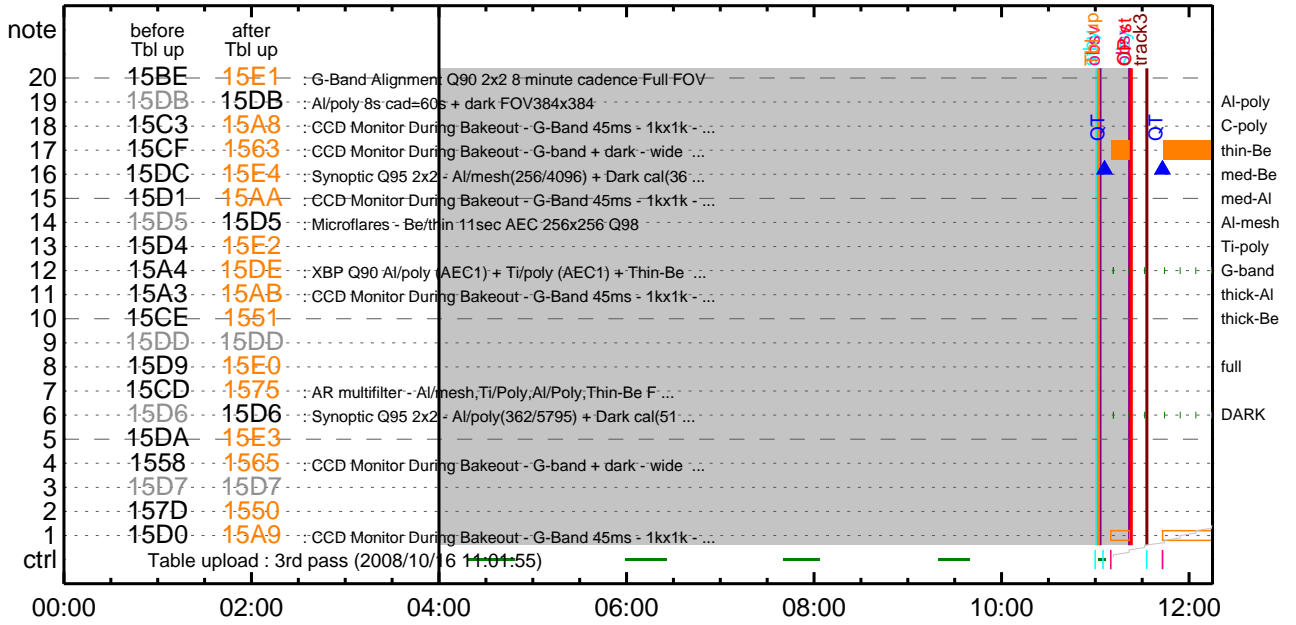
**PROG= 12 Inf.-time(s)**

Subr= 1		1-time(s)		2.0sec								
Seqn= 10		10-time(s)		60.0sec								
Al-poly/Open	C-poly/Open	close	Safe	Norm	250ms	Obs	1x1	256x256 (1024, 1024)	Q=90	1	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	256x256 (1024, 1024)	Q=90	1	0	2.0sec
Subr= 2		1-time(s)		2.0sec								
Seqn= 99		1-time(s)		4.0sec								
thin-Be/Open	thin-Be/Open	close	Safe	Norm	64.0s	Obs	1x1	256x256 (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	

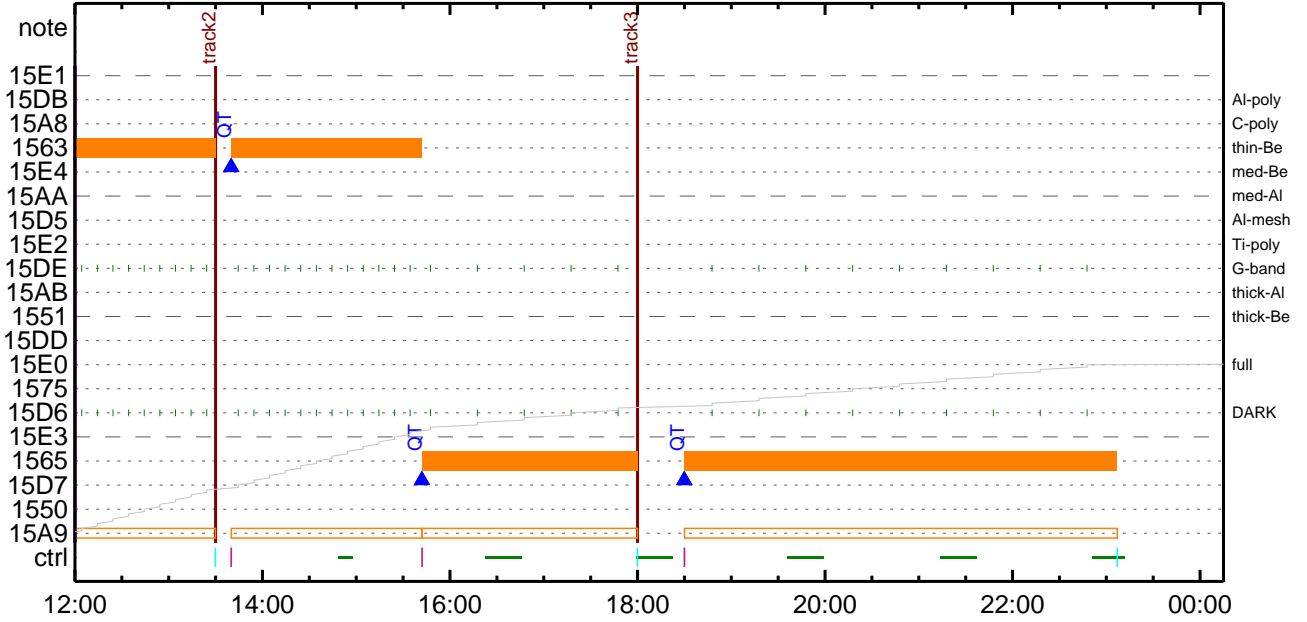
```

* * * * *
                                Flare mode                                * * * * *
                                NOT USED
* * * * *
                                Active Region Search                        * * * * *
                                NOT USED
* * * * *
                                Flare Detection                            * * * * *
                                NOT USED
    
```

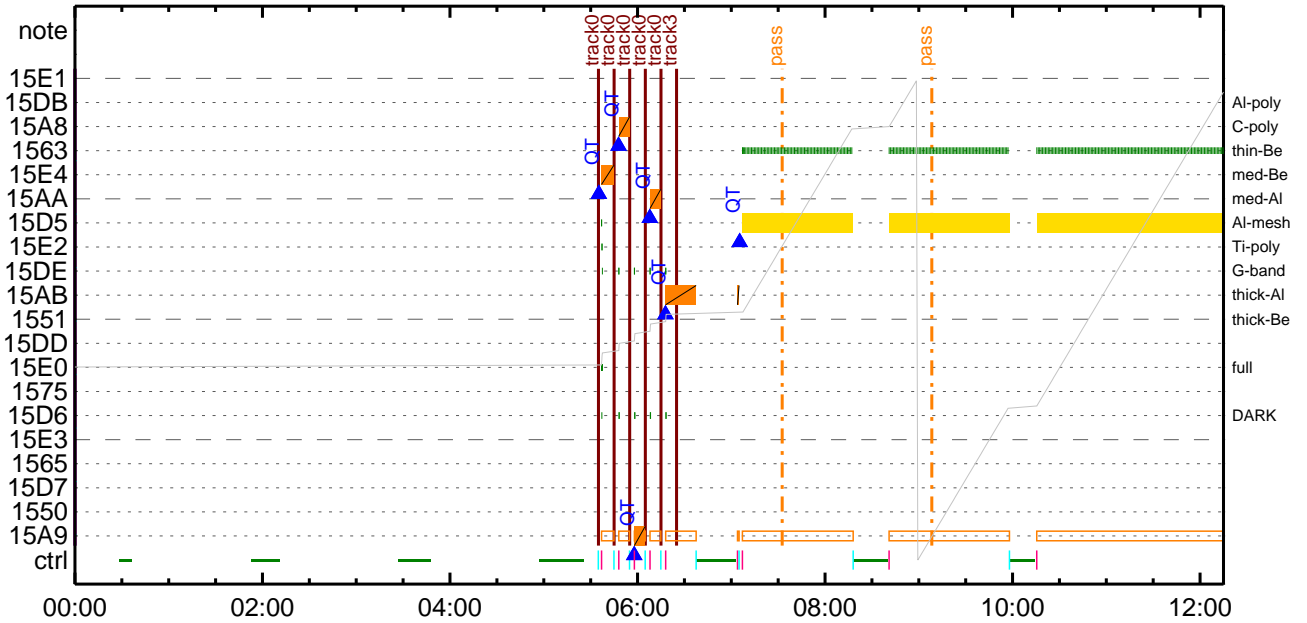
### CMDI #0192 2008/10/16



### CMDI #0192 2008/10/16

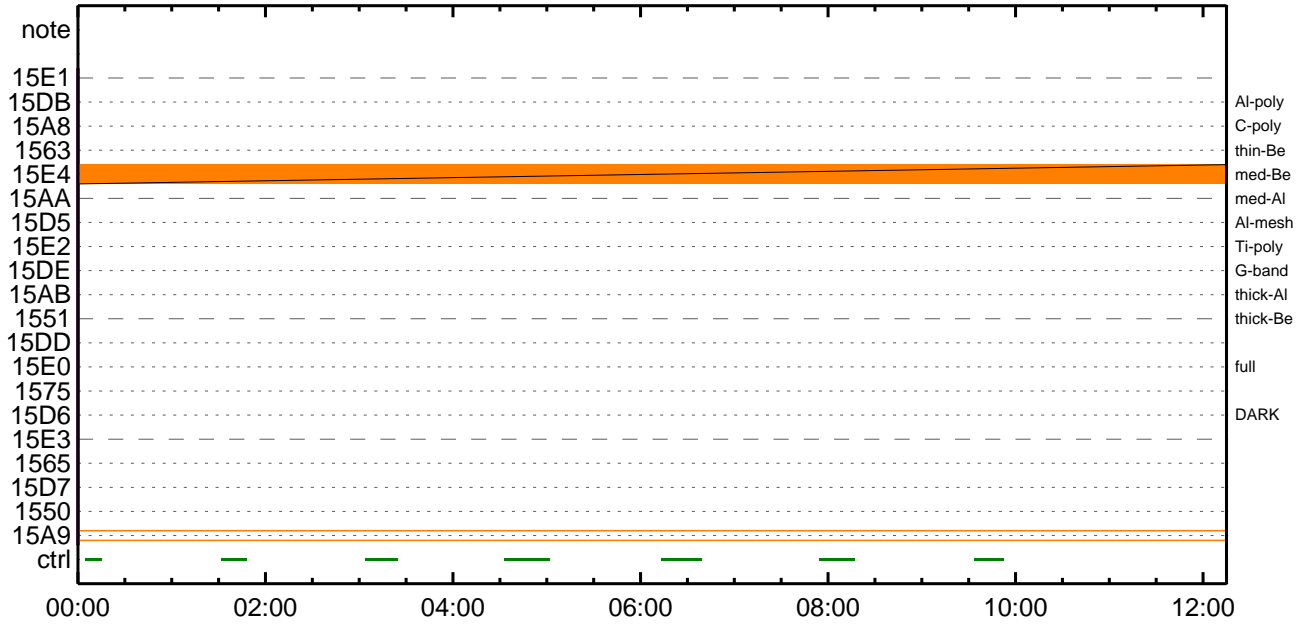


### CMDI #0192 2008/10/17

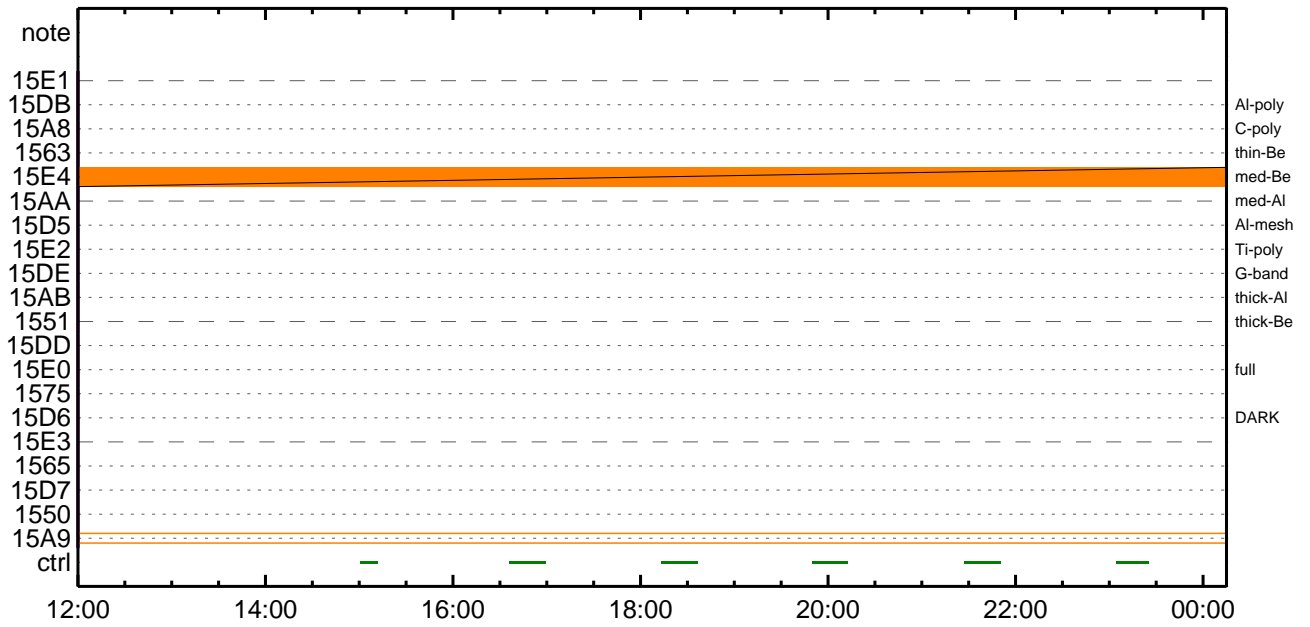




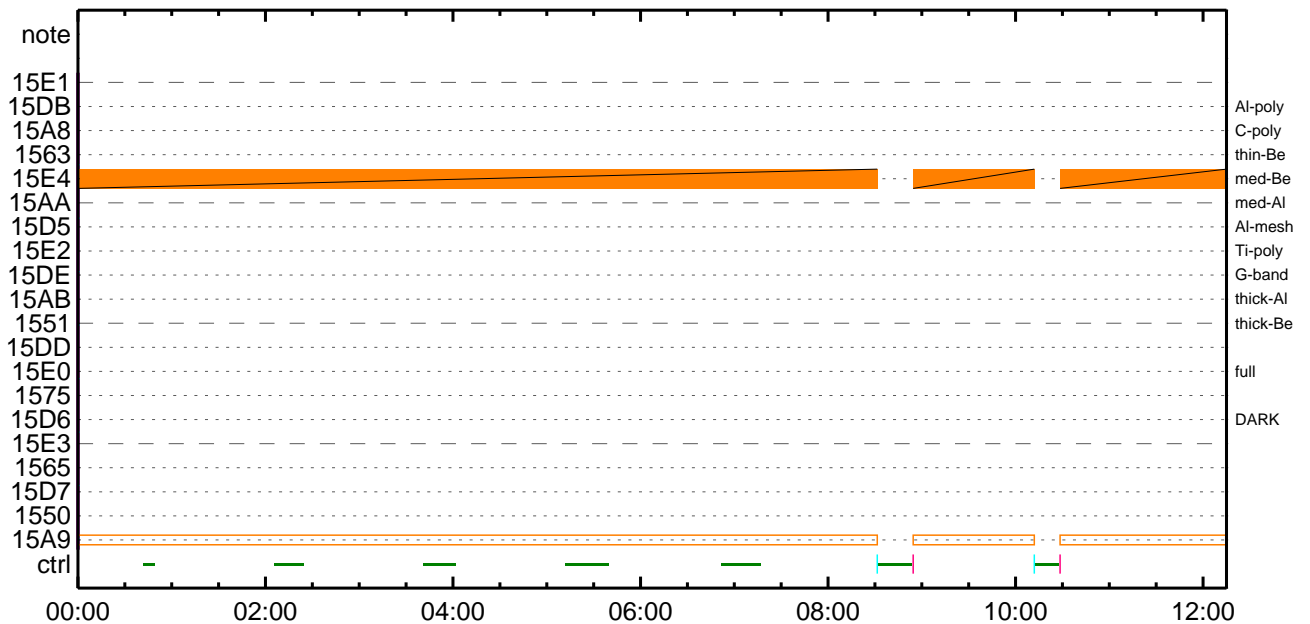
### CMDI #0192 2008/10/19



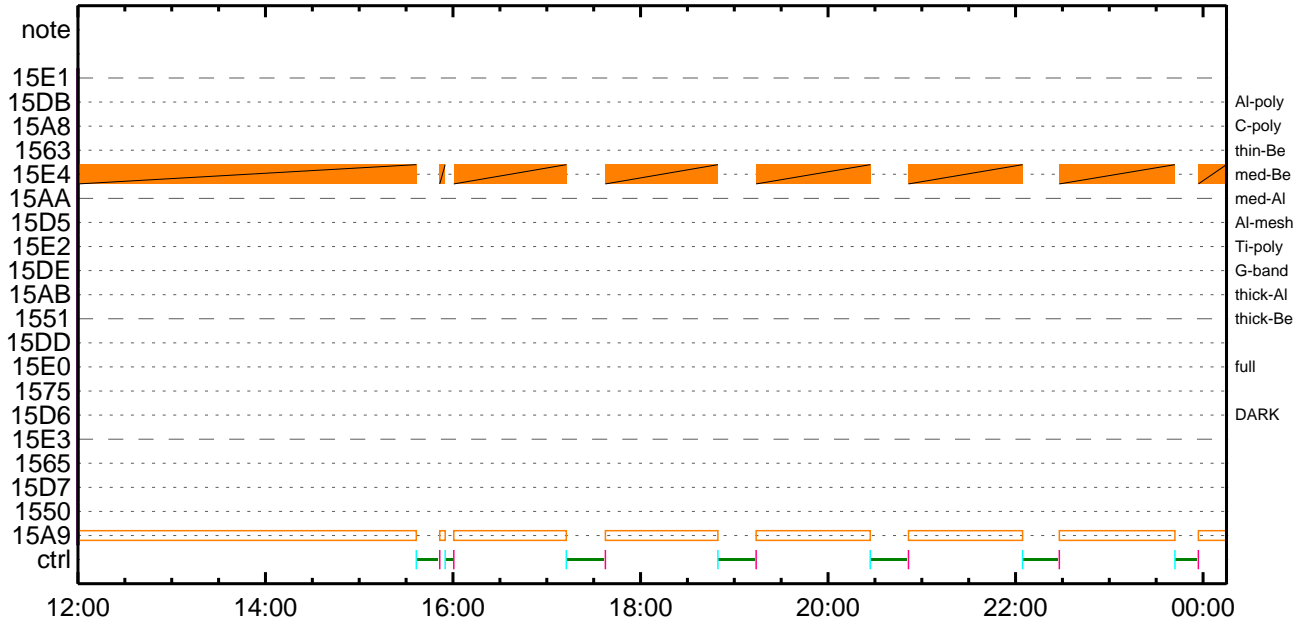
### CMDI #0192 2008/10/19



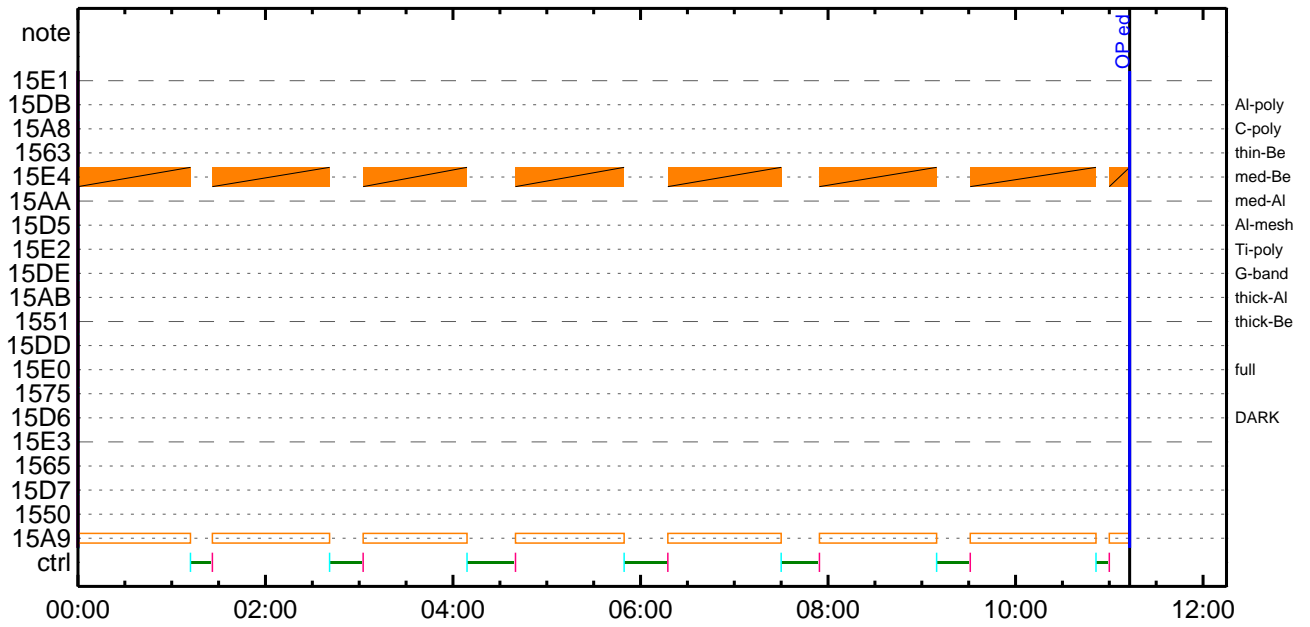
### CMDI #0192 2008/10/20



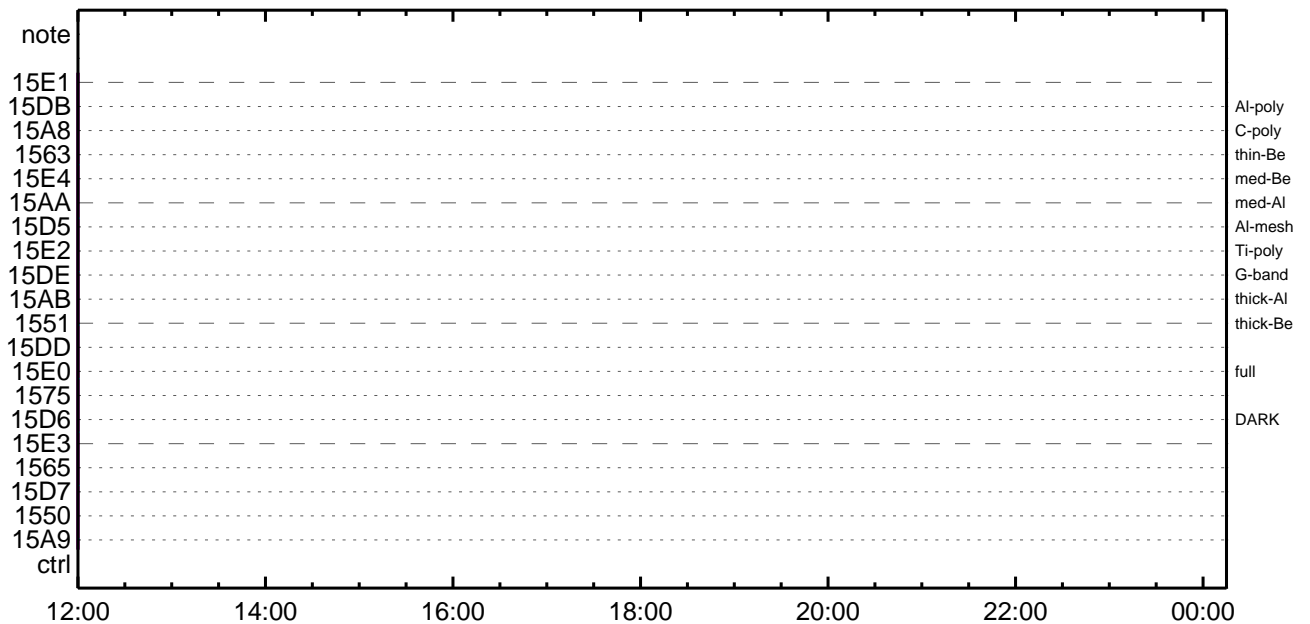
### CMDI #0192 2008/10/20



### CMDI #0192 2008/10/21



### CMDI #0192 2008/10/21













(a) Spacecraft Operation Procedure (real-commands)

```
main-199 2008-10-16 12:49:10 155 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿øÀø•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•íÍÉ;ÈøÈ¼°ÇÓø•ø¿¼í¹çøÍ;çÀ®, ùø¹øÈøÈøÇÁ+¿®ø•øÈøøøøøÈ;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 80 80 20 20)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 c0 c0 10 10)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 40 c0 10 10)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 40 40 10 10)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b c0 40 10 10)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c 80 80 04 04)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0d 80 80 06 06)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0f 80 80 06 06)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 10 80 80 04 04)
0060 . C. ----- Success Verify ? OK / NG ____
0061 C.
0062 C.
0063 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0064 C.
0065 +. DC 07-F0 MDP_XRT_MODE_OBSV
0066 BC (c2)
0067 +. TI 2008-10-16 11:22:02.0
0068 DC 07-F0 MDP_XRT_MODE_OBSV
0069 BC (c2)
0070 . C. ----- Success Verify ? OK / NG ____
0071 C.
0072 C. ***** XRT END *****
0073 . C. *****
0074 C. SOT table upload
0075 C. *****
0076 . C. < Stop FG table >
0077 +. DC 07-F0 MDP_FG_CTRL_MANU
0078 BC (51)
0079 . C. -----
0080 C. MDP_FG_CTRL_MODE = MANU [ ]
0081 C. -----
0082 C.
0083 . C. <Upload FG Observation Table>
0084 . S. RAM ram-267:MDP_OBS_F
0085 ( )
0086 C.
0087 . C. < Dump RAMID=MDP_OBS_F >
0088 +. DC 07-F0 MDP_DUMP_FGTBL
0089 BC (82 07 00 00 00 38 b8)
0090 C. -----
0091 C. MDP_OBS_F verify = OK/NG [ ]
0092 C. -----
0093 C.
0094 C. *****
0095 C. SOT TI command set
```

```

0096 C. *****
0097 C. Execute, after the success of TBL upload.
0098 +. TI 2008-10-16 11:22:18.0
0099 DC 07-F0 MDP_SOT_MODE_OBSV
0100 BC (40)
0101 C. -----
0102 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0103 C. -----
0104 C.
0105 C. *****
0106 C. START of XRT_CCD_HEATER_ON operation
0107 C. *****
0108 C.
0109 +. DC 07-F0 MDP_XRT_CTRL_MANU
0110 BC (c1)
0111 C. ----- Success Verify ? OK / NG;
0112 C.
0113 +. DC 04-BC TCIB_XRT_S_HTR_A_ENA
0114 C. ----- Success Verify ? OK / NG;
0115 C.
0116 C. -----
0117 C. If anomalous situation appeared, execute TCIB_XRT_S_HTR_A_DIS using DCBC-442 (line 24)
0118 C. -----
0119 C.
0120 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0121 BC (c4 11)
0122 + DC 07-F0 MDP_XRT_FLD_DIS
0123 BC (d9)
0124 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0125 BC (c9)
0126 + DC 07-F0 MDP_XRT_ARS_DIS
0127 BC (d5)
0128 C. ----- Success Verify ? OK / NG ____
0129 C.
0130 C.
0131 C. All OK? Yes--> Please Proceed. / No --> Stop here.
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0134 BC (c0)
0135 C. *****
0136 C. END of XRT_CCD_HEATER_ON operation
0137 C. *****
0138 C.
0139 C.
0140 C.
0141 C. ***** MDP `úÃîï»ö%ÝðËÄð¹ñèDCBC•x²è *****
0142 C. (%á°îÿÓÿÃÿËÿËÿËÿáÿçÿèñË%¼ñ¼Ã»Û¹ñè)
0143 S. DC-BC dcbc-402:DCBC
0144 (MDP_known_event)
0145 C.
0146 C.
0147 C. ***** ¥Ðÿ¹•İ Daily±¿İññÈ´Ø¹ñèDCBC•x²è *****
0148 S. DC-BC dcbc-153:DCBC
0149 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0150 C.
0151 C.
0152 C. ;ãLOS¥Á¥§¥Ã¥¬¼Ã»Û;ã
0153 C.
0154 C. ***** LOS *****
0155 C.

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Oct 16, 08 12:48

## XRT\_OGLIST\_0192.chk

Page 1/6

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

2008/10/16	11:32:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/16	11:33:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2008/10/16	11:42:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/16	11:42:56.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2008/10/16	11:42:58.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/16	11:43:00.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/16	11:43:02.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/16	11:43:04.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/16	13:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/16	13:30:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2008/10/16	13:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/16	13:39:56.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2008/10/16	13:39:58.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/16	13:40:00.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/16	13:40:02.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/16	13:40:04.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/16	15:42:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/16	15:42:02.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2008/10/16	15:42:04.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/16	15:42:06.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/16	15:42:08.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/16	15:42:10.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/16	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/16	18:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2008/10/16	18:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/16	18:29:56.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2008/10/16	18:29:58.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/16	18:30:00.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/16	18:30:02.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/16	18:30:04.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/16	23:07:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/16	23:07:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_433_OG [0x1b1]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2008/10/17	05:34:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/17	05:34:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/17	05:35:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/10/17	05:35:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/10/17	05:35:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/17	05:35:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/17	05:35:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/17	05:37:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/17	05:44:54.0	XRT_CTRL_MANU_405_OG [0x195]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/17	05:45:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 2e f9 2e f9				
2008/10/17	05:47:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/17	05:47:52.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2008/10/17	05:47:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/17	05:47:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							

Oct 16, 08 12:48

## XRT\_OGLIST\_0192.chk

Page 2/6

2008/10/17	05:47:58.0	XRT_ARS_DIS_418_OG [0x1a2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/10/17	05:48:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/10/17	05:54:54.0	XRT_CTRL_MANU_405_OG [0x195]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/10/17	05:55:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 2e f9 d1 07		
2008/10/17	05:57:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/10/17	05:57:52.0	XRT_QT_PROG_SET_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2008/10/17	05:57:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/10/17	05:57:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/10/17	05:57:58.0	XRT_ARS_DIS_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/10/17	05:58:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/10/17	06:04:54.0	XRT_CTRL_MANU_405_OG [0x195]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/10/17	06:05:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 d1 07 d1 07		
2008/10/17	06:07:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/10/17	06:07:52.0	XRT_QT_PROG_SET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2008/10/17	06:07:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/10/17	06:07:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/10/17	06:07:58.0	XRT_ARS_DIS_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/10/17	06:08:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/10/17	06:14:54.0	XRT_CTRL_MANU_405_OG [0x195]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/10/17	06:15:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 d1 07 2e f9		
2008/10/17	06:17:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/10/17	06:17:52.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2008/10/17	06:17:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/10/17	06:17:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/10/17	06:17:58.0	XRT_ARS_DIS_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/10/17	06:18:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/10/17	06:25:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00 00		
2008/10/17	06:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/10/17	07:03:00.0	XRT_Custom_430_OG [0x1ae]						
2008/10/17	07:04:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/10/17	07:05:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/10/17	07:05:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/10/17	07:05:22.0	XRT_QT_PROG_SET_411_OG [0x19b]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e		
2008/10/17	07:07:00.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2008/10/17	07:07:02.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/10/17	07:07:04.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/10/17	07:07:06.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/10/17	07:07:08.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/10/17	08:18:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/10/17	08:40:00.0	XRT_Custom_430_OG [0x1ae]						
2008/10/17	08:41:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/10/17	09:58:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/10/17	10:14:30.0	XRT_Custom_430_OG [0x1ae]						
2008/10/17	10:15:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/10/17	12:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/10/17	12:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/10/17	13:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2008/10/17	13:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]						

Oct 16, 08 12:48

## XRT\_OGLIST\_0192.chk

Page 3/6

2008/10/17	13:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2008/10/17	13:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/17	13:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/17	13:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/17	13:10:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/17	15:00:00.5	XRT_CTRL_MANU_428_OG [0x1ac]	AOCU_NM	5	02-76	01 00 00 00 00	
2008/10/17	15:00:02.5	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/17	15:00:22.5	XRT_QT_PROG_SET_438_OG [0x1b6]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2008/10/17	15:02:00.5	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2008/10/17	15:02:02.5	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2008/10/17	15:02:04.5	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/17	15:02:06.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/17	15:02:08.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/17	15:23:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/17	15:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/17	15:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/10/17	15:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/17	15:46:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/17	15:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_CTRL_AUTO_432_OG [0x1b0]	1	07-F0	c0	
2008/10/17	16:59:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/17	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/17	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/17	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2008/10/17	18:00:16.0	XRT_QT_PROG_SET_431_OG [0x1af]	AOCU_NM	5	02-76	00 00 00 00 00	
2008/10/17	18:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2008/10/17	18:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/17	18:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/17	18:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/17	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/17	18:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/17	18:10:00.0	AOCS_Ore-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2008/10/17	18:10:16.0	XRT_QT_PROG_SET_440_OG [0x1b8]	AOCU_NM	5	02-76	00 ac 00 00 00	
2008/10/17	18:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2008/10/17	18:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/17	18:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/17	18:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/17	18:36:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/17	18:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/17	19:00:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/10/17	20:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/17	20:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/17	20:10:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2008/10/17	20:10:16.0	XRT_QT_PROG_SET_440_OG [0x1b8]	AOCU_NM	5	02-76	00 00 00 54 00	
2008/10/17	20:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2008/10/17	20:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/17	20:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/17	20:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/17	20:13:01.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	



Oct 16, 08 12:48

## XRT\_OGLIST\_0192.chk

Page 4/6

2008/10/17	20:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/17	20:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
2008/10/17	21:50:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/10/17	22:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/17	22:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/17	22:10:00.0	AOCs_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2008/10/17	22:10:16.0	XRT_QT_PROG_SET_404_OG [0x194]	AOCU_NM	5	02-76	03	00	00	00
2008/10/17	22:11:54.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2008/10/17	22:11:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2008/10/17	22:11:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/10/17	22:12:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/10/17	22:12:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/10/17	22:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/10/17	22:14:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
2008/10/17	23:28:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/10/17	23:45:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/17	23:46:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
2008/10/17	23:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/10/17	23:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/18	00:00:00.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2008/10/18	00:00:16.0	XRT_QT_PROG_SET_431_OG [0x1af]	AOCU_NM	5	02-76	00	00	00	00
2008/10/18	00:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06		
2008/10/18	00:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/10/18	00:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/10/18	00:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/10/18	00:10:00.0	AOCs_OrE-point_Start_8_OG [0x09e]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/10/18	00:17:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	AOCU_NM	5	02-76	01	00	00	00
2008/10/18	00:17:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/18	00:17:22.0	XRT_QT_PROG_SET_429_OG [0x1ad]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2008/10/18	00:19:00.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c		
2008/10/18	00:19:02.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2008/10/18	00:19:04.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/10/18	00:19:06.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/10/18	00:19:08.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/10/18	01:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/10/18	01:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/18	01:13:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
2008/10/18	02:27:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/10/18	02:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/18	02:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
2008/10/18	03:58:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/10/18	04:25:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/18	04:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
2008/10/18	05:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/10/18	06:12:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/18	06:12:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/10/18	06:12:30.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2008/10/18	06:12:46.0	XRT_QT_PROG_SET_420_OG [0x1a4]	AOCU_NM	5	02-76	00	00	00	00
2008/10/18	06:12:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10		
			MDP_XRT_FLD_DIS	1	07-F0	d9			

Oct 16, 08 12:48

## XRT\_OGLIST\_0192.chk

Page 5/6

2008/10/18	06:12:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/18	06:12:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/18	06:14:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	06:22:30.0	AOCS_Orе-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2008/10/18	07:15:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	07:40:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/18	07:41:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	08:55:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	09:16:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/18	09:17:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	10:37:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	10:47:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/18	10:48:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	11:10:00.0	AOCS_Orе-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/10/20	08:31:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	08:53:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	08:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	10:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	10:27:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	10:28:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	15:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	15:50:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	15:51:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	15:55:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	15:59:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	16:00:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	17:12:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	17:36:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	17:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	18:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	19:13:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	19:14:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	20:27:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	20:50:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	20:51:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	22:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	22:27:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	22:28:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	23:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	23:56:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	23:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	01:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	01:25:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/21	01:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	02:41:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	03:01:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/21	03:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	04:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	04:39:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/21	04:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	05:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	06:16:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/21	06:17:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	07:30:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	07:53:30.0	XRT_Custom_430_OG [0x1ae]							

2008/10/21	07:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/10/21	09:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/10/21	09:30:00.0	XRT_Custom_430_OG [0x1ae]		
2008/10/21	09:31:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/10/21	10:51:30.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/10/21	10:59:00.0	XRT_Custom_430_OG [0x1ae]		
2008/10/21	11:00:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0