

# XRT Timeline to be uploaded on 2009/07/23

Period: 2009/07/23 10:39:00 - 2009/07/28 09:38:00

\* \* \* \* \*

**Normal mode**

\* \* \* \* \*

<b>XOB #160D: HOP81 - Al/poly, thin-Be, G-band - 512x512</b>												
Term		Pointing (x, y)					Comment					
07/23 10:52:00 - 07/23 17:59:54		Fixed ( 0.0, -944.0)					# OP start + 10min, HOP81 south pole.					
<b>PROG= 14 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 16 1-time(s) 2.0sec												
		Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0 0 2.0sec
└─ Subr= 2 60-time(s) 60.0sec												
└─ Seqn= 58 1-time(s) 30.0sec												
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	Q=90	0 0 2.0sec
└─ Seqn=100 1-time(s) 30.0sec												
		thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	512x512 (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

<b>XOB #166D: Synoptic Q95 2x2 - Al/poly(181/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(256/4096) + G-band(16)</b>												
Term		Pointing (x, y)					Comment					
07/23 18:03:00 - 07/23 18:09:54		Fixed ( 0.0, 0.0)					synoptic					
07/24 18:05:28 - 07/24 18:30:30		Fixed ( 0.0, 0.0)					synoptic, shifted -0.5 min					
<b>PROG= 19 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 14 1-time(s) 4.0sec												
		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
└─ 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= 21 1-time(s) 4.0sec												
		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
└─ 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

<b>XOB #16C7: Al/mesh- 384x384 - 1x1- 20sec - Ti poly - 10 min - Dark + G-band - 30min</b>												
Term		Pointing (x, y)					Comment					
07/23 18:13:00 - 07/24 02:26:30		Fixed (-930.0, 0.0)					E-limb observation, Wave activities in the quiet sun					
<b>PROG= 18 Inf.-time(s)</b>												
└─ Subr= 1 3-time(s) 2.0sec												
└─ Seqn= 83 30-time(s) 20.0sec												
		Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1024, 1024)	Q=92	0 0 2.0sec
└─ Seqn= 78 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
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 54 1-time(s) 4.0sec												
		Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0 0 2.0sec
└─ Seqn= 65 1-time(s) 4.0sec												
		Open/Al-mesh	Open/G-band	close	Safe	Dark	4.00s	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

<b>XOB #16BA: Synoptic Q95 2x2 - Al/mesh(256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(181/2048) + G-band(16)</b>												
Term		Pointing (x, y)					Comment					
07/24 06:20:00 - 07/24 06:26:54		Fixed ( 0.0, 0.0)					synoptic, shifted 17.0 min					
07/25 05:48:00 - 07/25 05:54:54		Fixed ( 0.0, 0.0)					synoptic, shifted -15.0 min					
<b>PROG= 06 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 18 1-time(s) 4.0sec												
		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
└─ 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= 68 1-time(s) 4.0sec												
		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
└─ 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									
07/24 06:30:00 - 07/24 06:36:54	Fixed ( -528.4, -528.4)		SE Quadrant (G-band)									
PROG= 05 1-time(s)												
└ 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									
07/24 06:40:00 - 07/24 06:46:54	Fixed ( 528.4, -528.4)		SW Quadrant (G-band)									
PROG= 10 1-time(s)												
└ 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									
07/24 06:50:00 - 07/24 06:56:54	Fixed ( 528.4, 528.4)		NW quadrant (G-band)									
PROG= 09 1-time(s)												
└ 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	

XOB #15AB: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant												
Term	Pointing (x, y)		Comment									
07/24 07:00:00 - 07/24 07:14:30	Fixed ( -528.4, 528.4)		NE Quadrant (G-band)									
PROG= 08 1-time(s)												
└ 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 #15A7: QS - C/Poly(23142) - 256x256 - AEC0 - Fast Cadence												
Term	Pointing (x, y)		Comment									
07/24 08:03:06 - 07/24 17:15:00	Track ( 46.0, 62.1) @ 07/24 07:07:00		XBP near disk center (tracking) for Cancellation Study									
PROG= 20 Inf.-time(s)												
└ Subr= 1 1-time(s) 2.0sec												
└└ Seqn= 91 1-time(s) 2.0sec												
C-poly/Open	C-poly/thick-Al	close	Safe	Norm	22.6s	Obs	1x1	256x256 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #16E4: Synoptic Q95 2x2 Ti/poly 8sec+Bethin(32ms)+Gband-low-DR												
Term	Pointing (x, y)		Comment									
07/24 18:33:36 - 07/25 03:02:30	Fixed ( 0.0, 0.0)		Long period observations with CORONAS									
PROG= 03 Inf.-time(s)												
└ Subr= 1 7-time(s) 1202.0sec												
└└ Seqn= 61 3-time(s) 4.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└└ Seqn= 35 1-time(s) 4.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Subr= 2 1-time(s) 2.0sec												
└└ Seqn= 69 1-time(s) 4.0sec												
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 #16E5: AR-dynamics -512x512 - Al/poly (AEC1) - Thin/Be (32s)-5min-cad											
Term	Pointing (x, y)		Comment								
07/25 05:58:00 - 07/25 09:32:30	Track ( 366.1, -178.4) @ 07/25 05:55:00		Bright region, dynamics (tracking)								

PROG= 04 Inf.-time(s)												
└ Subr= 1 1-time(s) 300.0sec												
└ Seqn= 73 1-time(s) 2.0sec												
└ Al-poly/Open Al-poly/thick-Al close Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) DPCM 1 0 2.0sec												
└ Seqn= 23 1-time(s) 2.0sec												
└ thin-Be/Open med-Be/Open close Safe Norm 32.0s Obs 1x1 512x512 (1024, 1024) DPCM 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

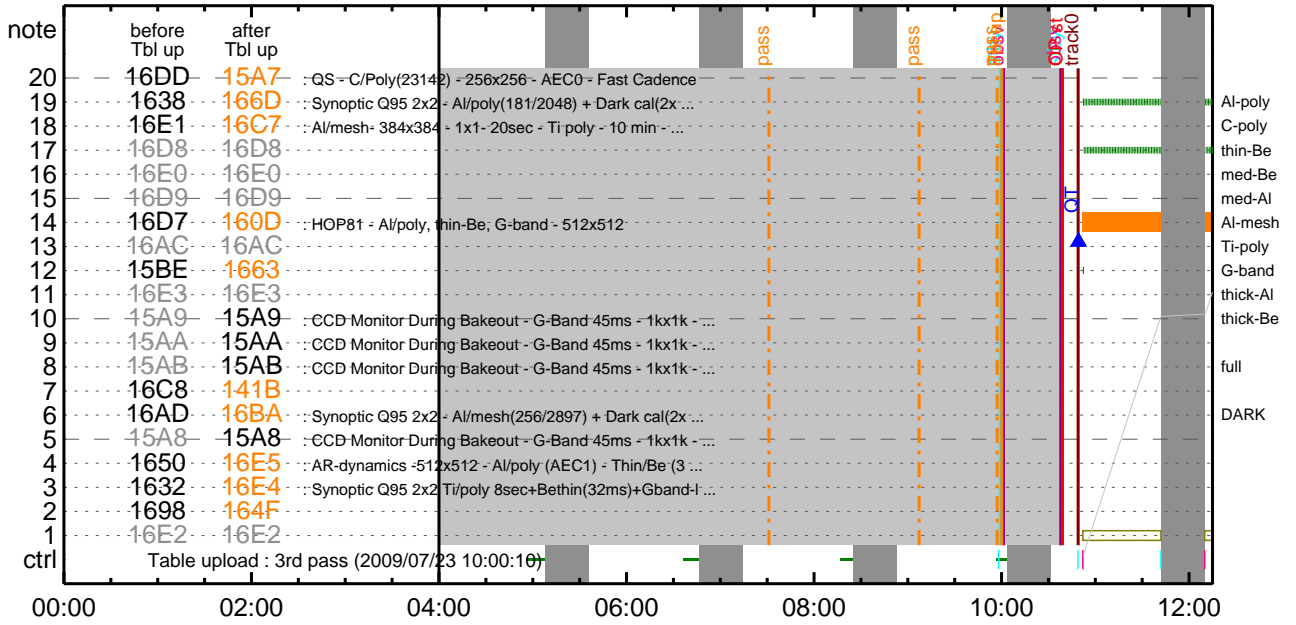
\* \* \* \* \*

**Flare Detection**

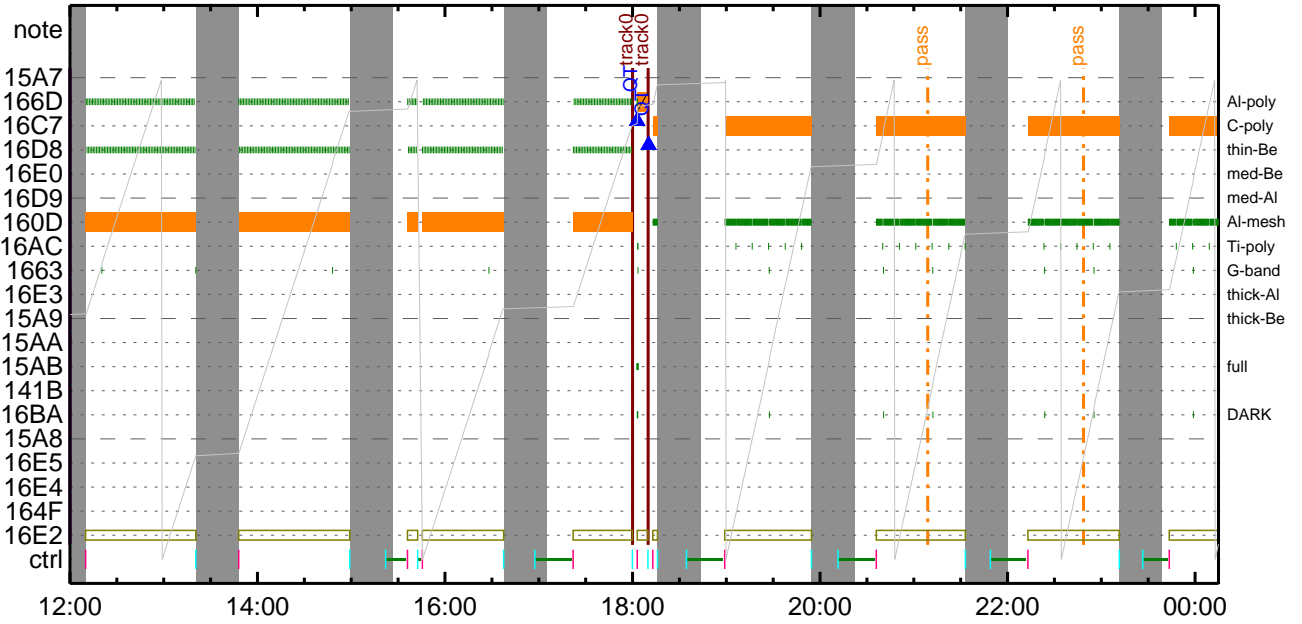
\* \* \* \* \*

NOT USED

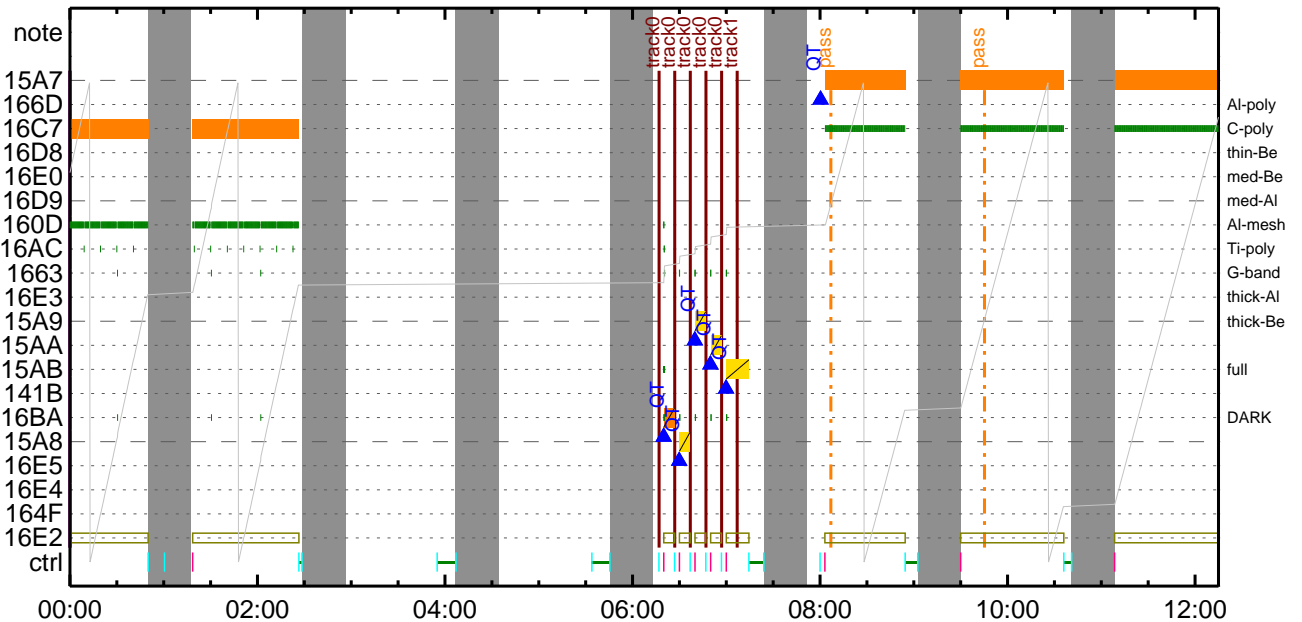
CMDI #0698 2009/07/23



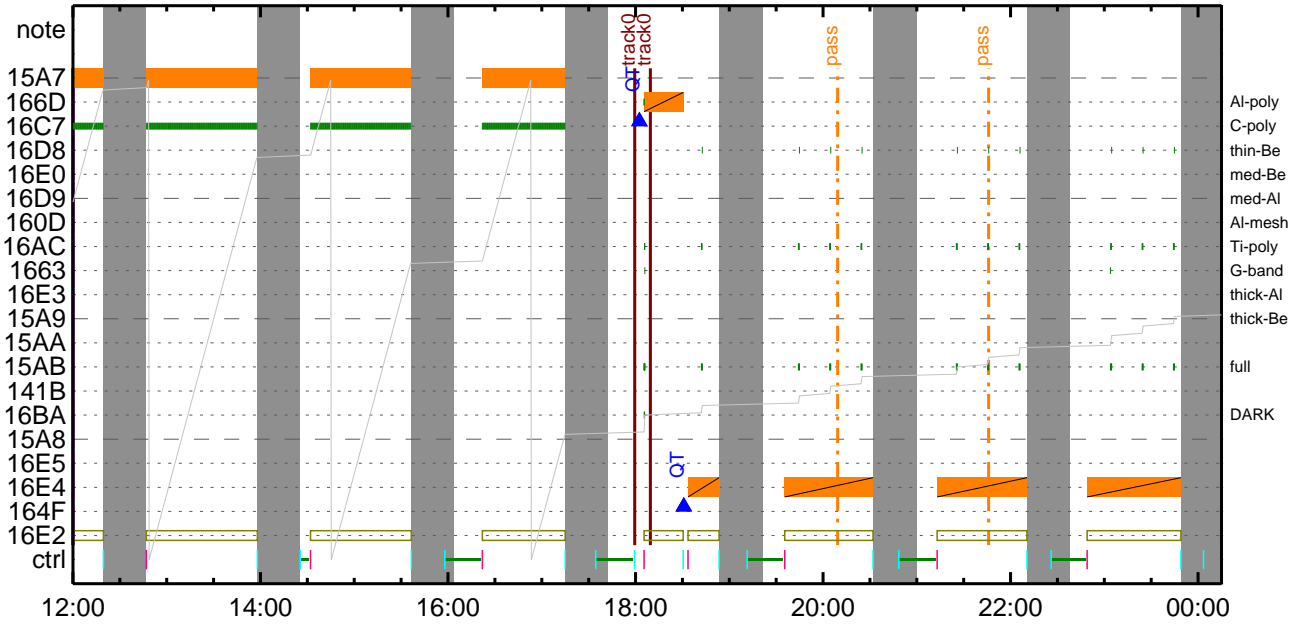
CMDI #0698 2009/07/23



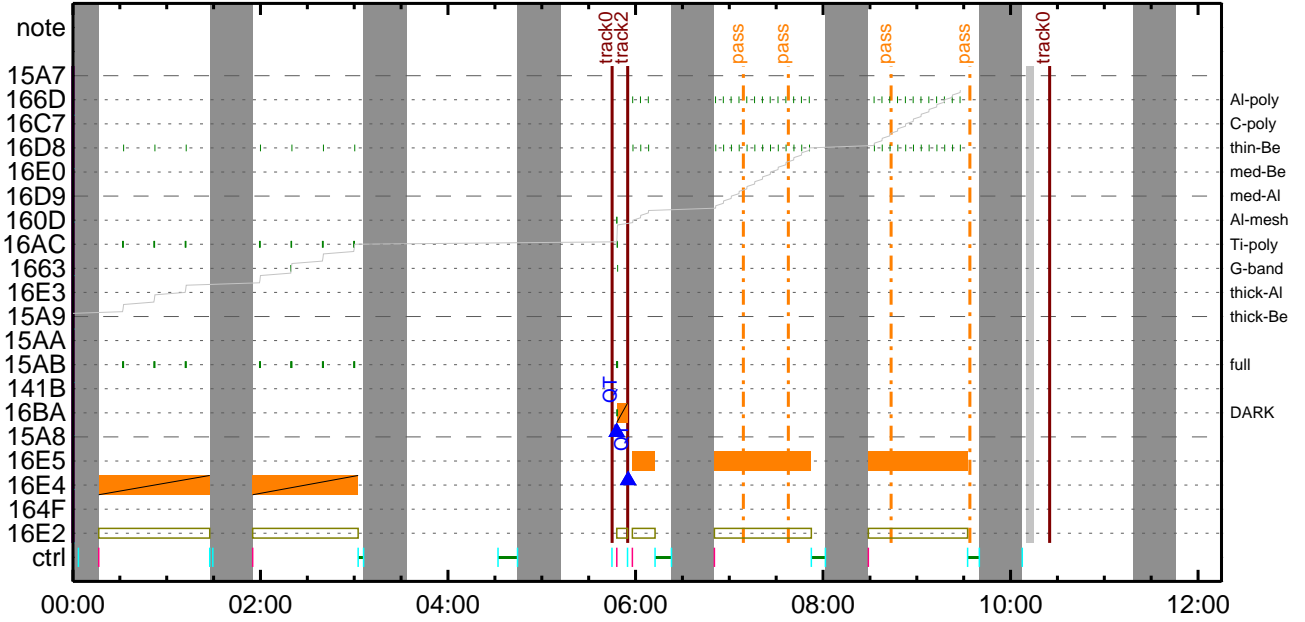
CMDI #0698 2009/07/24



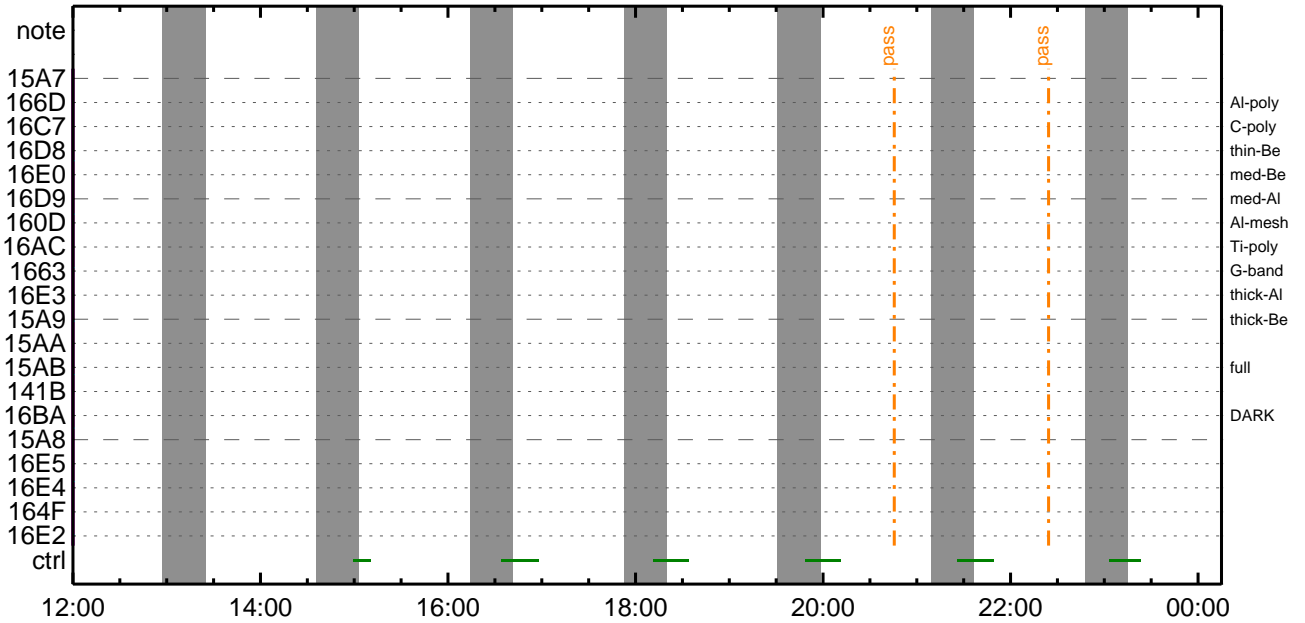
CMDI #0698 2009/07/24



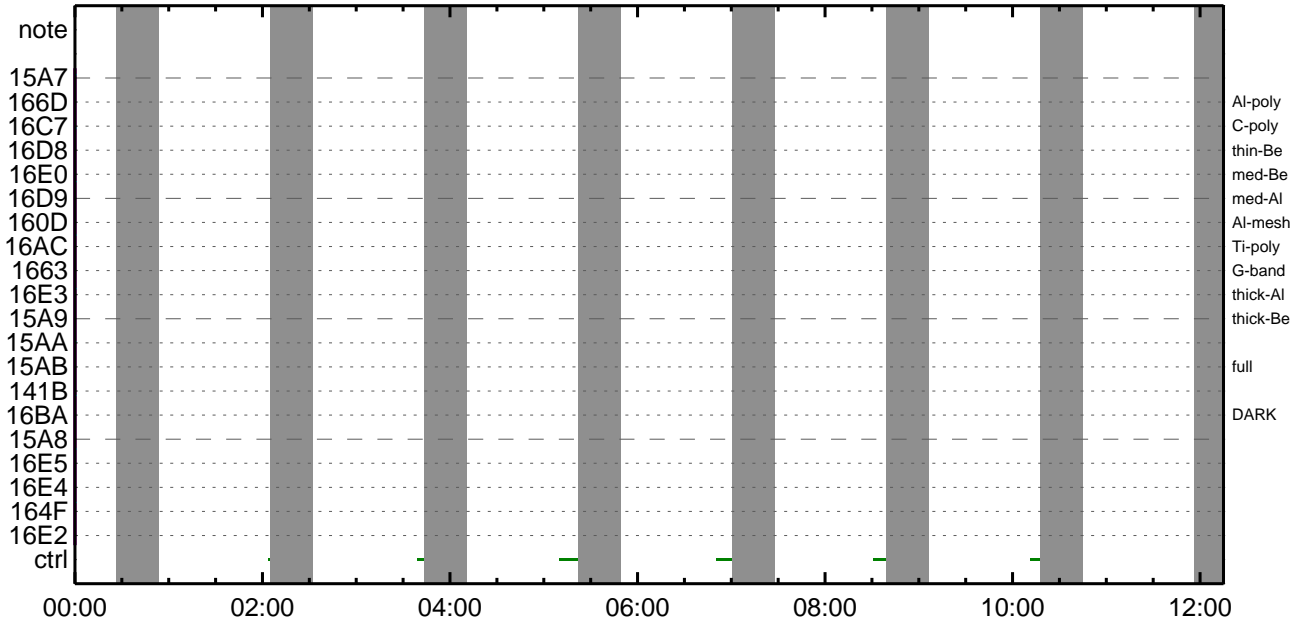
CMDI #0698 2009/07/25



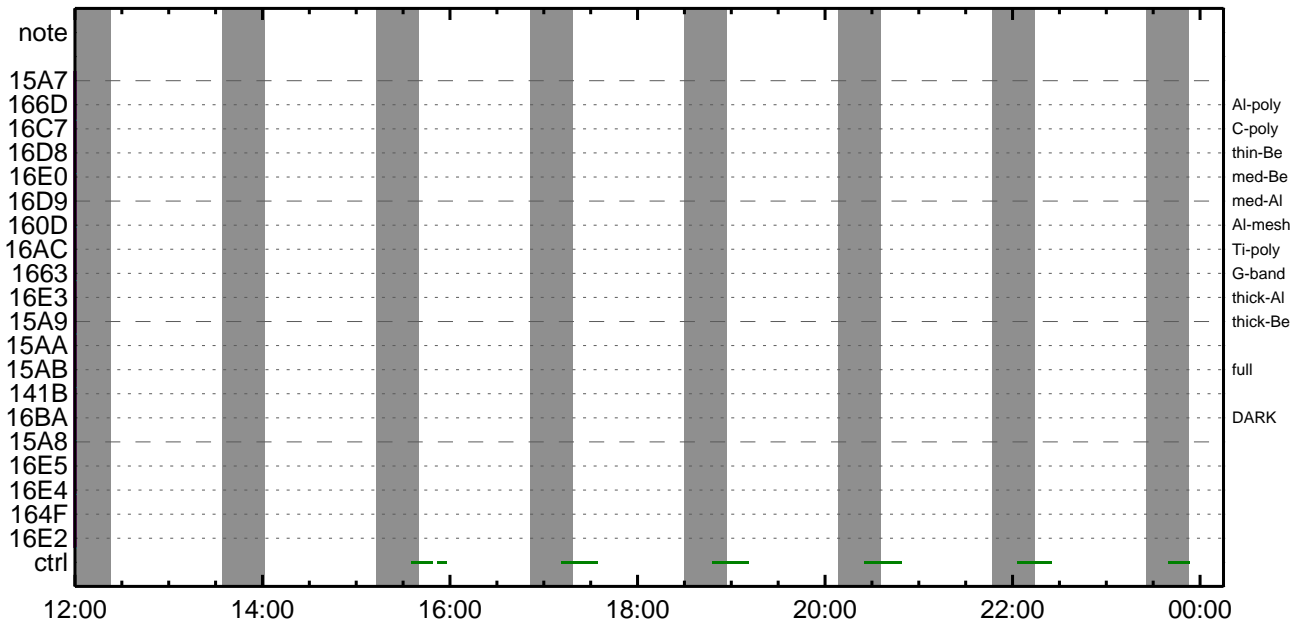
CMDI #0698 2009/07/25



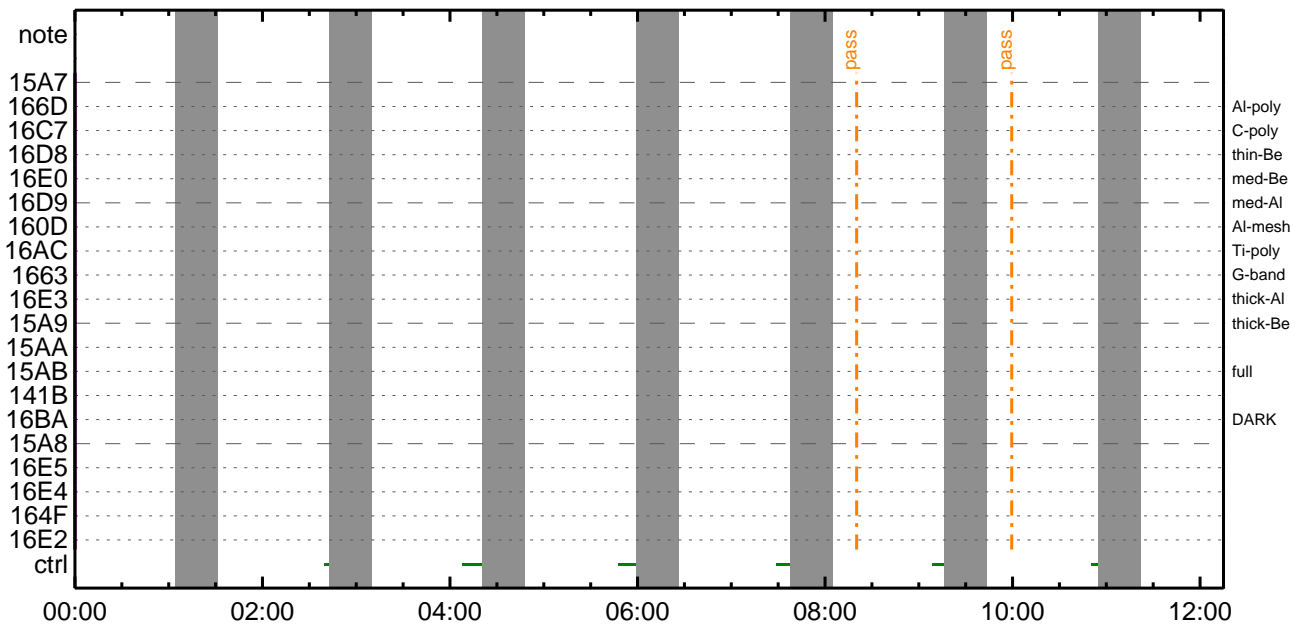
CMDI #0698 2009/07/26



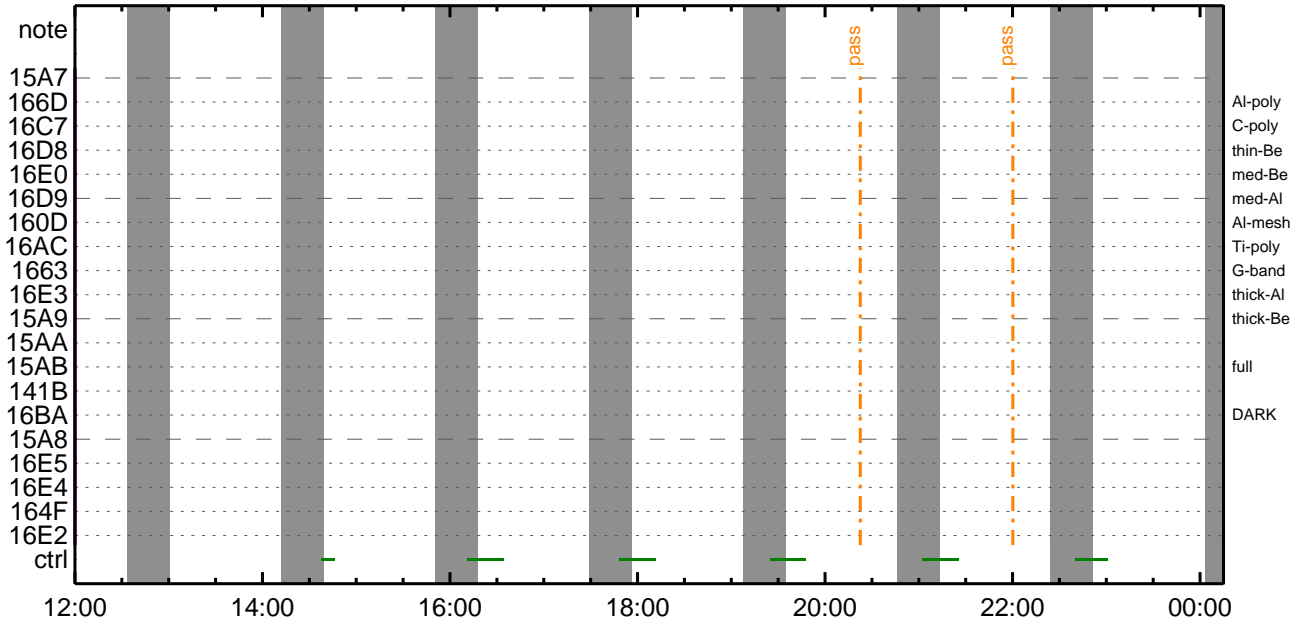
CMDI #0698 2009/07/26



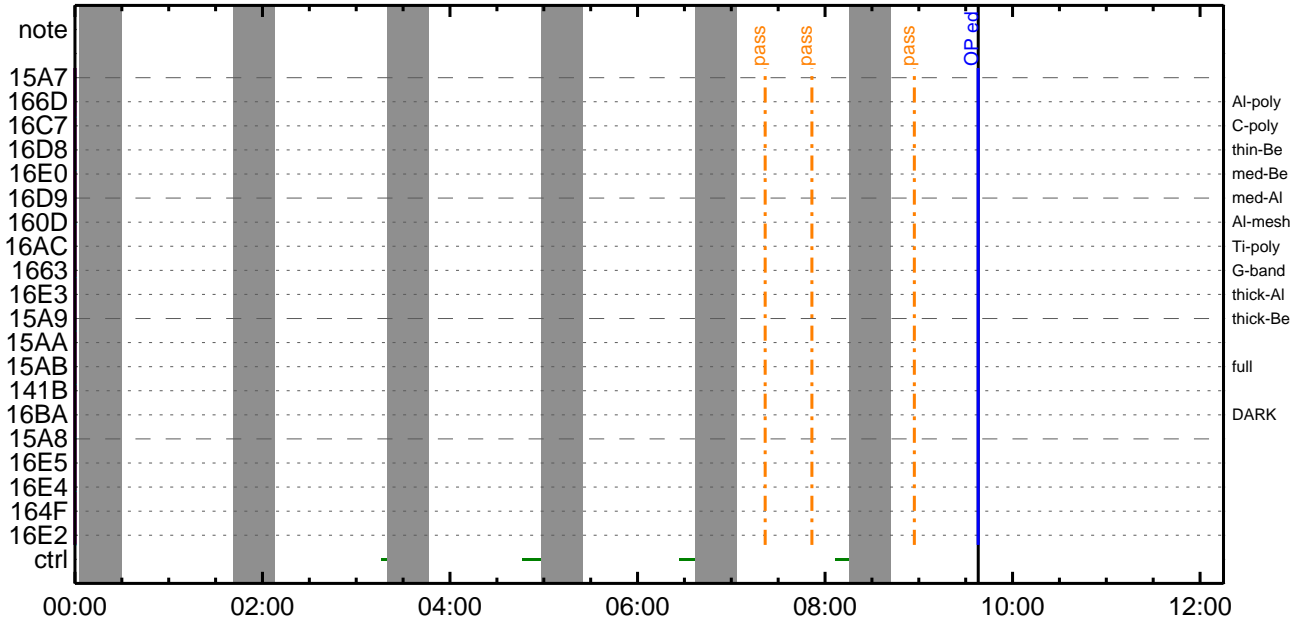
CMDI #0698 2009/07/27



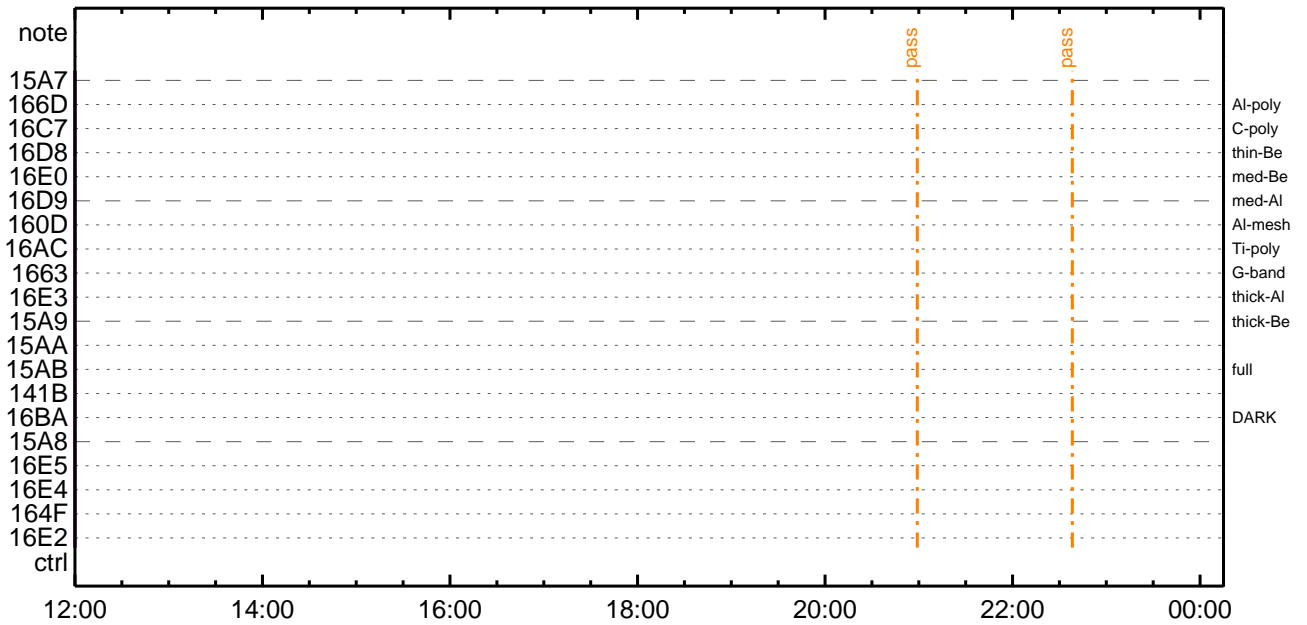
CMDI #0698 2009/07/27



CMDI #0698 2009/07/28



CMDI #0698 2009/07/28







```

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-734:OP
0104 ( )
0105 S. OG og-734: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. ***** °E²¼òî½A´¶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°E²¼òîTI-CMDÁ÷¿@²î½Á¹Ô²°²E²ò²³òE;f
0180 C. ²²ò¿;çSET²E²DUMP²îE±²îYÑ¹²ç¹Ô²|²³òE;f
0181 C.
0182 C. TIY³Y²YóYÉòðÁDî¿(UT)
0183 +. TI 2009-07-23 10:34:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-07-23 10:34:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-07-23 10:34:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```







(a) Spacecraft Operation Procedure (real-commands)

```
main-736 2009-07-23 14:41:47 138 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;Èø¿òÀø•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈøÈ¼°ÇÒø•ø¿¼í¹çøÍ;çÀ®, ùø¹øÈøÈøÇÁ+¿®ø•øÈøøøøÈ;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 08 08)
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 80 80 06 06)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 c0 c0 10 10)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 40 c0 10 10)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 40 40 10 10)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c c0 40 10 10)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0d 80 80 04 04)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0f 80 80 04 04)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 10 80 80 10 10)
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 2009-07-23 10:38:02.0
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-262: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. < Stop SP table >
0095 +. DC 07-F0 MDP_SP_CTRL_MANU
```

```
0096 BC (61)
0097 C. -----
0098 C. MDP_SP_CTRL_MODE = MANU [ ]
0099 C. -----
0100 C.
0101 . C. <Upload SP Observation Table>
0102 . S. RAM ram-289:MDP_OBS_S
0103 ( )
0104 C.
0105 . C. < Dump RAMID=MDP_OBS_S >
0106 +. DC 07-F0 MDP_DUMP_SPTBL
0107 BC (83 07 00 00 00 38 b8)
0108 C. -----
0109 C. MDP_OBS_S verify = OK/NG [ ]
0110 C. -----
0111 C.
0112 C. *****
0113 C. SOT TI command set
0114 C. *****
0115 C. Execute, after the success of TBL upload.
0116 +. TI 2009-07-23 10:38:18.0
0117 DC 07-F0 MDP_SOT_MODE_OBSV
0118 BC (40)
0119 . C. -----
0120 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0121 C. -----
0122 C.
0123 C.
0124 . C. ***** MDP `uãîaî»ô%ÿaêÂð¹aêDCBC•x²è *****
0125 C. (%ã°îÿÔÿÃÿÈÿpÿËÿãÿçÿëaE%¼aa¼Ã»Û¹aè)
0126 . S. DC-BC dcbc-402:DCBC
0127 (MDP_known_event)
0128 C.
0129 C.
0130 . C. ***** ÿDÿ¹.Ï Daily±;îÑaÊ'Ø¹aêDCBC•x²è *****
0131 . S. DC-BC dcbc-153:DCBC
0132 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0133 C.
0134 C.
0135 . C. ;ãLOSÿÁÿSÿÿÿÿ-¼Ã»Û;ã
0136 C.
0137 . C. ***** LOS *****
0138 C.
```

Jul 23, 09 14:42

XRT\_OGLIST\_0698.chk

Page 1/5

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

2009/07/23	10:48:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	10:48:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/07/23	10:49:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 53 e7 00 00				
2009/07/23	10:49:16.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/07/23	10:49:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/07/23	10:49:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/23	10:49:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/23	10:49:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/23	10:52:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	11:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	12:10:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	13:20:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	13:48:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	14:59:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	15:22:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	15:35:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/23	15:36:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	15:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	15:44:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/23	15:45:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	16:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	16:57:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	17:21:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/23	17:22:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/23	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/07/23	18:00:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/23	18:00:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/23	18:00:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/23	18:02:58.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2009/07/23	18:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	18:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/07/23	18:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 52 a7				
2009/07/23	18:10:16.0	XRT_QT_PROG_SET_401_OG [0x191]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2009/07/23	18:10:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/07/23	18:10:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/23	18:10:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/23	18:10:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/23	18:13:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	18:16:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	18:34:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	18:58:00.5	XRT_Custom_430_OG [0x1ae]							
2009/07/23	18:59:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	19:54:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	20:11:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	20:35:00.0	XRT_Custom_430_OG [0x1ae]							

Jul 23, 09 14:42

## XRT\_OGLIST\_0698.chk

Page 2/5

2009/07/23	20:36:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	21:33:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	21:49:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	22:12:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/23	22:13:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/23	23:11:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	23:26:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/23	23:42:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/23	23:43:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	00:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	01:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	01:17:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/24	01:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	02:26:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	02:28:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	03:55:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	04:07:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	05:34:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	05:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	06:16:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	06:16:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/24	06:17:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/07/24	06:17:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/24	06:17:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/24	06:17:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/24	06:19:58.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2009/07/24	06:20:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	06:26:54.0	XRT_CTRL_MANU_448_OG [0x1c0]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	06:27:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 2e f9 2e f9				
2009/07/24	06:29:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/24	06:29:52.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2009/07/24	06:29:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/24	06:29:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/24	06:29:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/24	06:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	06:36:54.0	XRT_CTRL_MANU_448_OG [0x1c0]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	06:37:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 2e f9 d1 07				
2009/07/24	06:39:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/24	06:39:52.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2009/07/24	06:39:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/24	06:39:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/24	06:39:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/24	06:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	06:46:54.0	XRT_CTRL_MANU_448_OG [0x1c0]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	06:47:00.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 d1 07 d1 07				
2009/07/24	06:49:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/24	06:49:52.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2009/07/24	06:49:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				



Jul 23, 09 14:42

## XRT\_OGLIST\_0698.chk

Page 3/5

2009/07/24	06:49:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/24	06:49:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/24	06:50:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	06:56:54.0	XRT_CTRL_MANU_448_OG [0x1c0]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	06:57:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 d1 07 2e f9				
2009/07/24	06:59:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/24	06:59:52.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2009/07/24	06:59:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/24	06:59:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/24	06:59:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/24	07:00:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	07:07:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/07/24	07:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	07:24:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	08:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	08:00:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/07/24	08:00:22.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2009/07/24	08:00:24.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/07/24	08:00:26.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/24	08:00:28.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/24	08:00:30.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/24	08:03:06.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	08:54:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	09:02:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	09:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	10:36:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	10:41:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	11:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	12:19:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	12:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	13:58:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	14:25:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	14:31:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/24	14:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	15:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	15:58:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	16:21:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/24	16:22:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/24	17:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	17:34:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	17:59:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/24	17:59:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/24	17:59:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/07/24	17:59:46.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/24	17:59:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/24	17:59:50.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/24	18:02:28.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2009/07/24	18:05:28.0	XRT_CTRL_AUTO_403_OG [0x193]							

Jul 23, 09 14:42

## XRT\_OGLIST\_0698.chk

Page 4/5

2009/07/24	18:09:30.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
		AOCU_NM		5	02-76	00 00 00 00 00
2009/07/24	18:30:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/24	18:30:32.0	XRT_FOCUS_POSITION_449_OG [0x1c1]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/07/24	18:30:52.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/07/24	18:30:54.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0
2009/07/24	18:30:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/07/24	18:30:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/07/24	18:31:00.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/07/24	18:33:36.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/24	18:53:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/24	19:11:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/24	19:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/24	19:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/24	20:32:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/24	20:48:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/24	21:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/24	21:13:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/24	22:10:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/24	22:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/24	22:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/24	22:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/24	23:49:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	00:03:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	00:16:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/25	01:27:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	01:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	01:55:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/25	03:02:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	03:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	04:32:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	04:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	05:44:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	05:44:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/07/25	05:45:00.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
		AOCU_NM		5	02-76	00 00 00 00 00
2009/07/25	05:45:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/07/25	05:45:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/07/25	05:45:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/07/25	05:47:58.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2009/07/25	05:48:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/25	05:54:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	05:54:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/07/25	05:55:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
		AOCU_NM		5	02-76	02 00 00 00 00
2009/07/25	05:55:16.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2009/07/25	05:55:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0
2009/07/25	05:55:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/07/25	05:55:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/07/25	05:55:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/07/25	05:58:00.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

Jul 23, 09 14:42

## XRT\_OGLIST\_0698.chk

Page 5/5

2009/07/25	06:12:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	06:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	06:50:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/25	07:52:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	08:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	08:29:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/25	09:32:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	09:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	10:07:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/25	10:25:00.0	AOCS_Orpoint_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00