

# XRT Timeline to be uploaded on 2009/01/20

Period: 2009/01/20 10:33:00 - 2009/01/24 11:23:00

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Normal mode

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XOB #1636: HOP 97 - Al/poly - 192x192 Q98 - full Gband every hour												
Term		Pointing (x, y)					Comment					
01/20 10:45:00 - 01/20 18:03:54		Track ( -920.9, -0.3) @ 01/20 10:43:00					# OP start + 10min, HOP97 near the east limb					
01/21 10:42:00 - 01/21 17:46:00		Track ( -31.5, -0.3) @ 01/21 10:40:00					HOP 97 QS study near DC					
<b>PROG= 12 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 62 145-time(s) 4.0sec												
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	22.6s	Obs	1x1	192x192 (1024, 1024)	Q=98	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 78 1-time(s) 4.0sec												
		Open/G-band	Open/G-band	open	Safe	Norm	12ms	Obs	2x2	2048x2048 (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 #162E: Synoptic Q95 2x2 - Al/poly(181/4096) + Dark cal(256 Q98) + Ti-poly(256/8192) + G-band(16)												
Term		Pointing (x, y)					Comment					
01/20 18:06:00 - 01/20 18:13:54		Fixed ( 0.0, 0.0)					synoptic, shifted 4.0 min					
01/21 18:11:30 - 01/21 18:19:24		Fixed ( 0.0, 0.0)					synoptic, shifted 9.5 min					
<b>PROG= 04 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 59 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	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0 0 2.0sec
└─ Seqn= 49 1-time(s) 2.0sec												
		Al-poly/Open	Al-poly/Open	close	Safe	Dark	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0 0 2.0sec
└─ Seqn= 44 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	8.00s	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

XOB #163D: AR thermal (small AR) FOV384x256 AEC4 (low cadence)												
Term		Pointing (x, y)					Comment					
01/20 18:16:00 - 01/20 22:00:30		Track ( -235.8, 570.3) @ 01/20 18:14:00					Active region (NE)					
01/21 19:47:30 - 01/21 21:00:00		Track ( -52.4, 574.4) @ 01/21 18:19:30					Active region (NE)					
01/22 01:32:00 - 01/22 05:56:24		Track ( 3.2, 574.9) @ 01/22 01:30:00					Active region (NE)					
01/22 06:08:30 - 01/22 10:19:54		Track ( 38.8, 575.1) @ 01/22 06:06:30					Active region (NE)					
<b>PROG= 02 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 55 1-time(s) 2.0sec												
		thin-Be/Open	med-Be/Open	close	Safe	Norm	4.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=98	0 0 2.0sec
└─ Subr= 2 10-time(s) 150.0sec												
└─ Seqn= 32 1-time(s) 2.0sec												
		Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer Interval

XOB #163C: AR thermal (small AR) FOV384x256 AEC4												
Term		Pointing (x, y)					Comment					
01/20 22:24:30 - 01/21 06:22:24		Track ( -235.8, 570.3) @ 01/20 18:14:00					Active region (NE)					
<b>PROG= 18 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 55 1-time(s) 2.0sec												
		thin-Be/Open	med-Be/Open	close	Safe	Norm	4.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=98	0 0 2.0sec
└─ Subr= 2 10-time(s) 60.0sec												
└─ Seqn= 32 1-time(s) 2.0sec												
		Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4 0 2.0sec
		Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer Interval

XOB #162F: Synoptic Q95 2x2 - Al/mesh(128/4096) + Dark cal(256 Q98) + Ti-poly(256/8192) + G-band(16)												
Term		Pointing (x, y)					Comment					
01/21 06:24:30 - 01/21 06:32:24		Fixed ( 0.0, 0.0)					synoptic, shifted 22.5 min					
01/22 05:58:30 - 01/22 06:06:24		Fixed ( 0.0, 0.0)					synoptic, shifted -3.5 min					

<b>PROG= 19 1-time(s)</b>													
└─ <b>Subr= 1 1-time(s) 12.0sec</b>													
└─ <b>Seqn= 25 1-time(s) 4.0sec</b>													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ <b>Seqn= 50 1-time(s) 2.0sec</b>													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ <b>Seqn= 44 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	8.00s	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	

<b>XOB #15E1: G-Band Alignment Q90 2x2 8 minute cadence Full FOV</b>												
Term		Pointing (x, y)						Comment				
01/21 06:47:30 - 01/21 08:39:54		Fixed ( 0.0, 945.0)						Coalignment run (North limb)				
01/21 08:55:00 - 01/21 10:39:54		Fixed ( -945.0, 0.0)						Coalignment run (East limb)				

<b>PROG= 03 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	

<b>XOB #163E: AR thermal (small AR) FOV384x256 AEC4 (low cadence) with preflare buffer test</b>												
Term		Pointing (x, y)						Comment				
01/21 18:21:30 - 01/21 19:23:00		Track ( -52.4, 574.4) @ 01/21 18:19:30						Active region (NE)				

<b>PROG= 01 Inf.-time(s)</b>													
└─ <b>Subr= 1 1-time(s) 2.0sec</b>													
└─ <b>Seqn= 55 1-time(s) 2.0sec</b>													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	4.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=98	0	0	2.0sec
└─ <b>Subr= 2 10-time(s) 150.0sec</b>													
└─ <b>Seqn= 32 1-time(s) 2.0sec</b>													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	0	2.0sec
└─ <b>Seqn= 96 1-time(s) 4.0sec</b>													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	1	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	1	35.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	3	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	3	35.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	2	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	2	35.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	3	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x256 (1024, 1048)	Q=95	4	3	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

<b>XOB #147B: Synoptic - Al/mesh (256/4096) + G-band(64) + Ti/poly (512/8192) + Dark cal (8192) + Al/poly(256/5796) + C/poly(512/8192)</b>												
Term		Pointing (x, y)						Comment				
01/22 00:00:00 - 01/22 01:29:54		Track ( -25.2, -0.3) @ 01/21 21:20:00						EIS sensitivity monitoring calibration				

<b>PROG= 08 1-time(s)</b>													
└─ <b>Subr= 1 1-time(s) 2.0sec</b>													
└─ <b>Seqn= 53 1-time(s) 2.0sec</b>													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ <b>Seqn= 74 1-time(s) 2.0sec</b>													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	0.5sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ <b>Seqn= 87 1-time(s) 2.0sec</b>													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Dark	8.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ <b>Seqn= 35 1-time(s) 2.0sec</b>													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ <b>Seqn= 77 1-time(s) 2.0sec</b>													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	5.66s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ <b>Seqn= 2 1-time(s) 2.0sec</b>													
	C-poly/Open	C-poly/thick-Al	close	Safe	Norm	500ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	C-poly/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	1x1	2048x2048 (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	

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Flare mode

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NOT USED

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### Active Region Search

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NOT USED

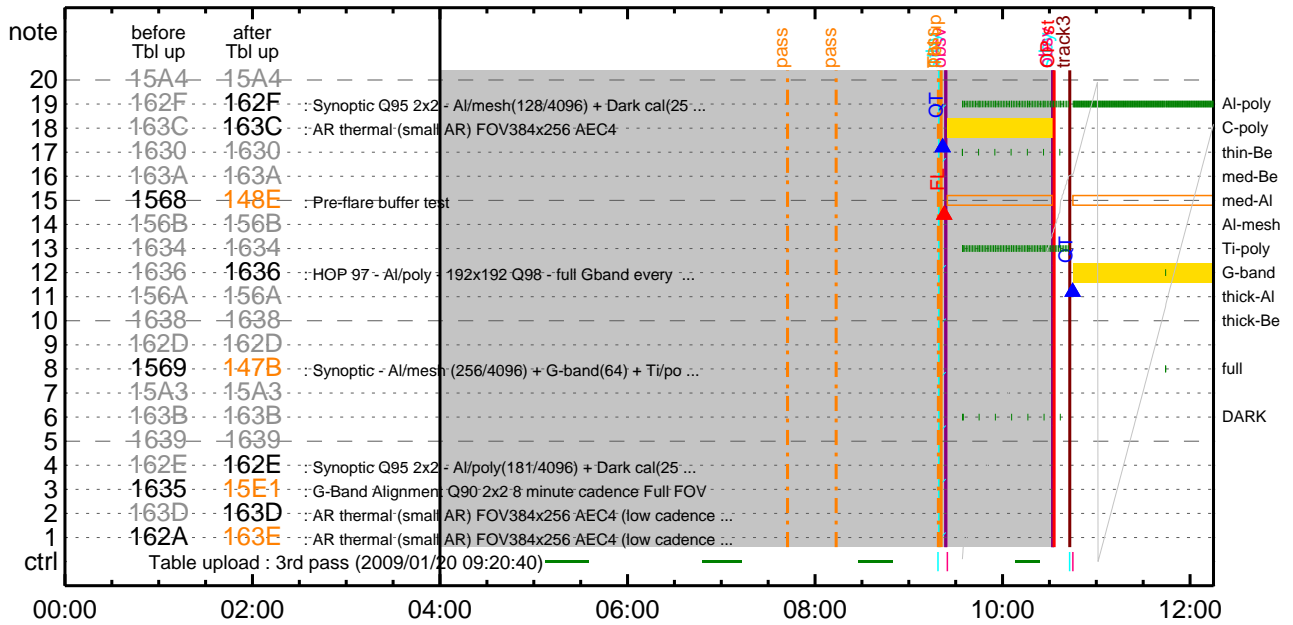
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### Flare Detection

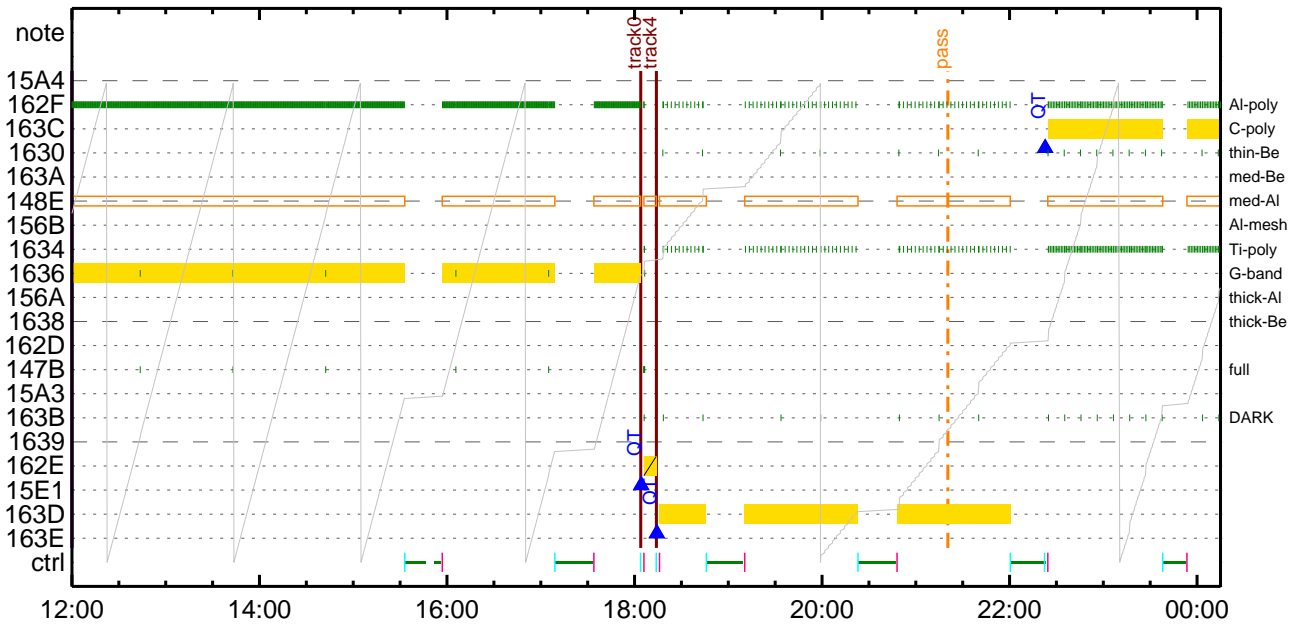
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FLD Patrol											
Term		Pointing (x, y)						Comment			
01/21 18:49:50 - 01/21 19:47:26		Track ( -52.4, 574.4) <sup>@ 01/21 18:19:30</sup> Active region (NE)									
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8ms	Obs	8x8	DPCM		120sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

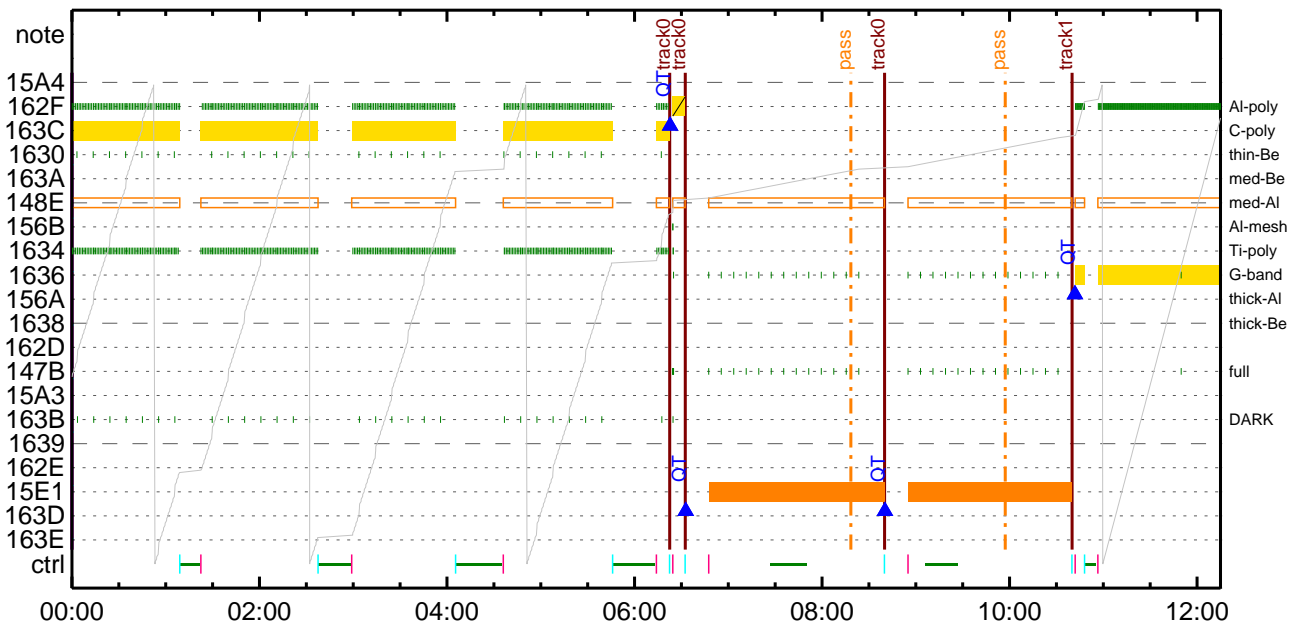
### CMDI #0347 2009/01/20



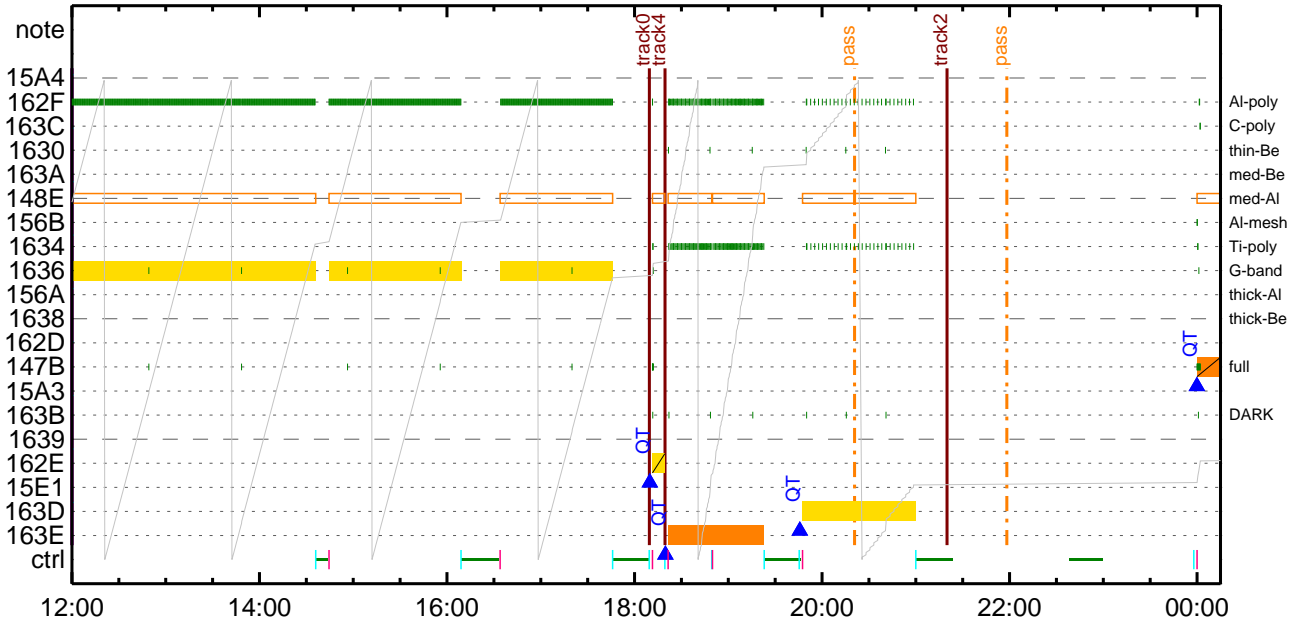
### CMDI #0347 2009/01/20



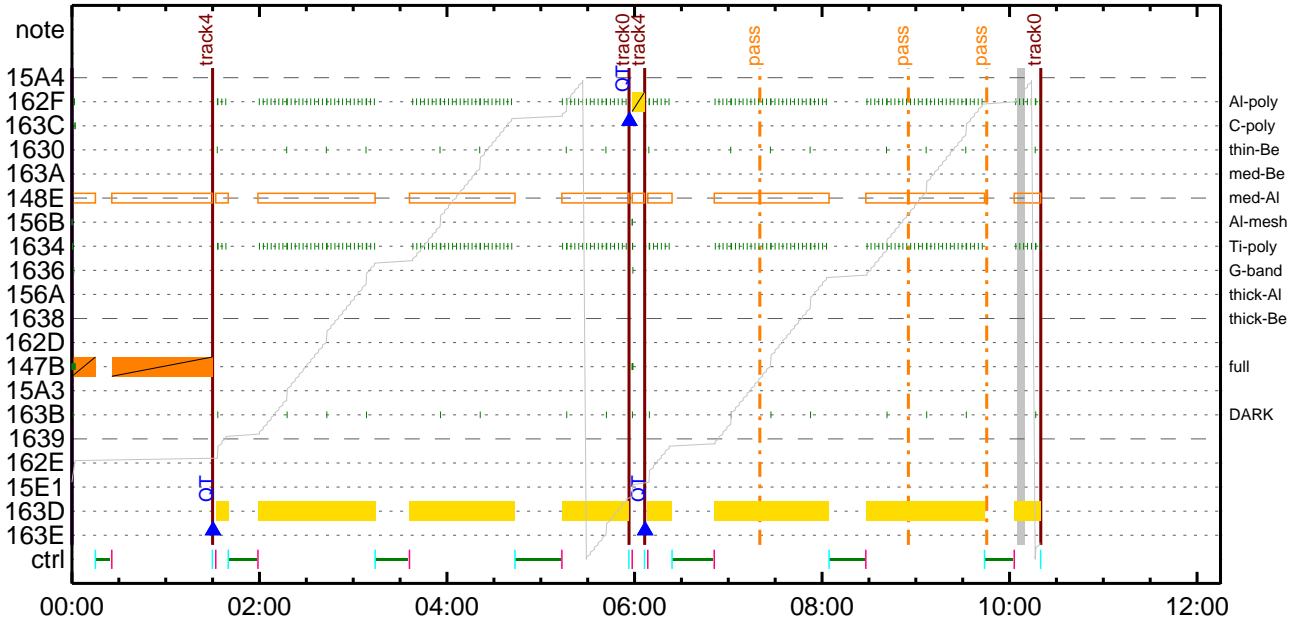
### CMDI #0347 2009/01/21



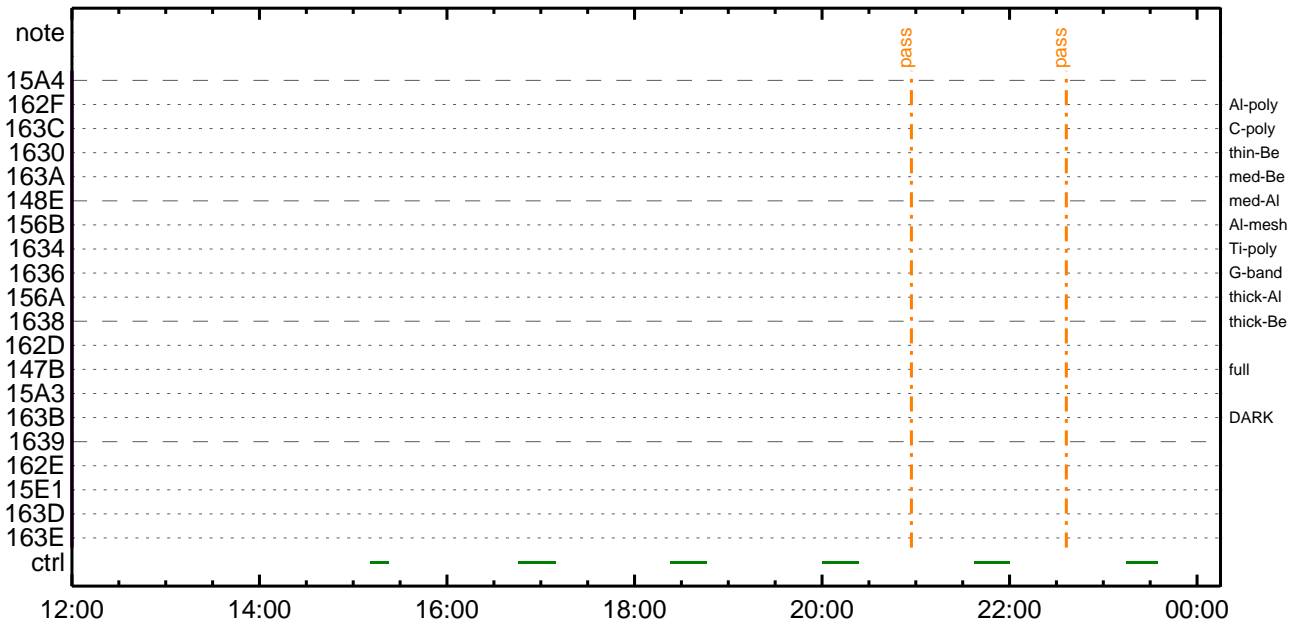
CMDI #0347 2009/01/21



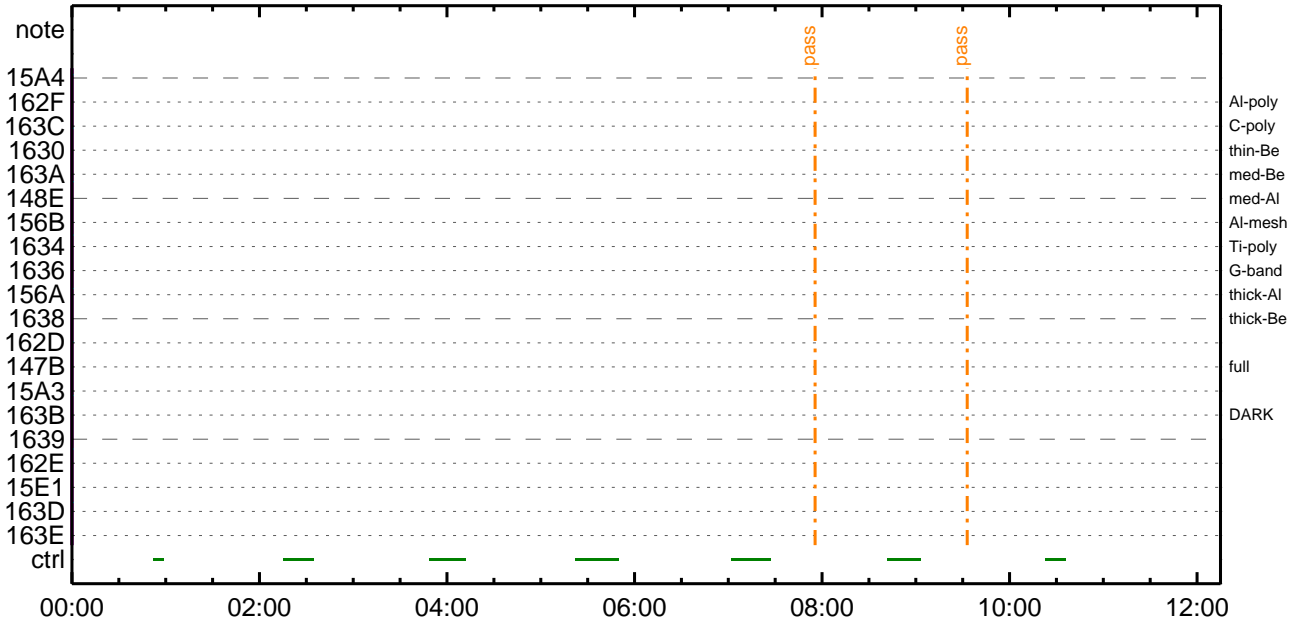
CMDI #0347 2009/01/22



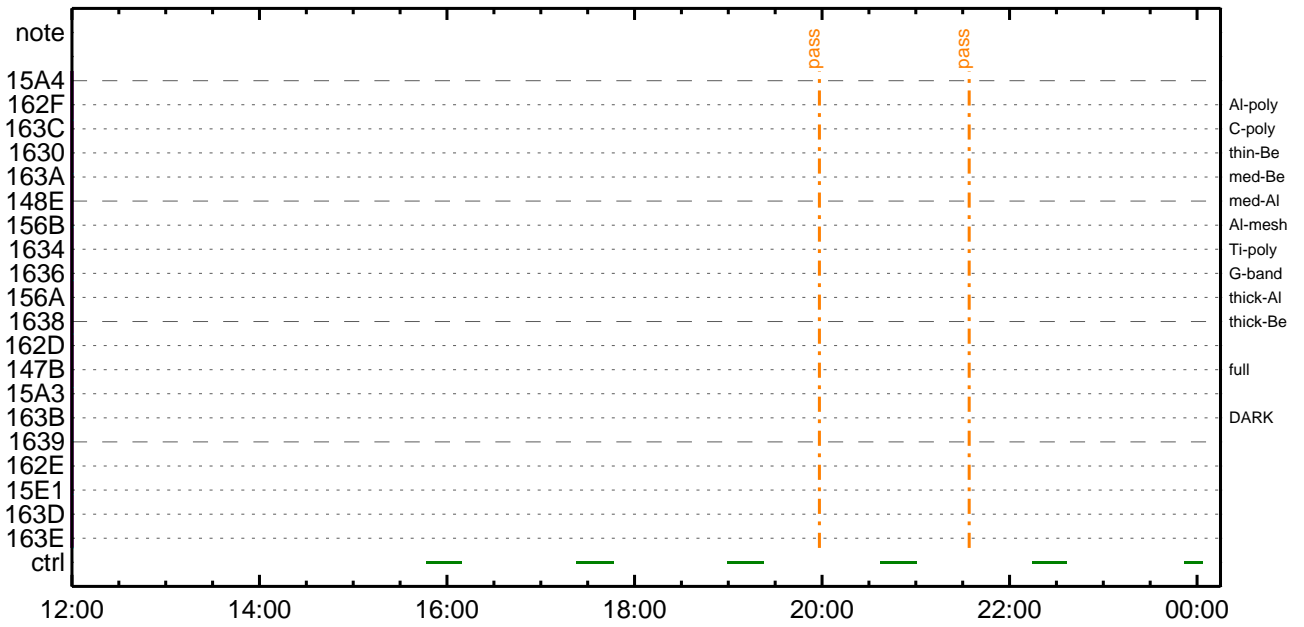
CMDI #0347 2009/01/22



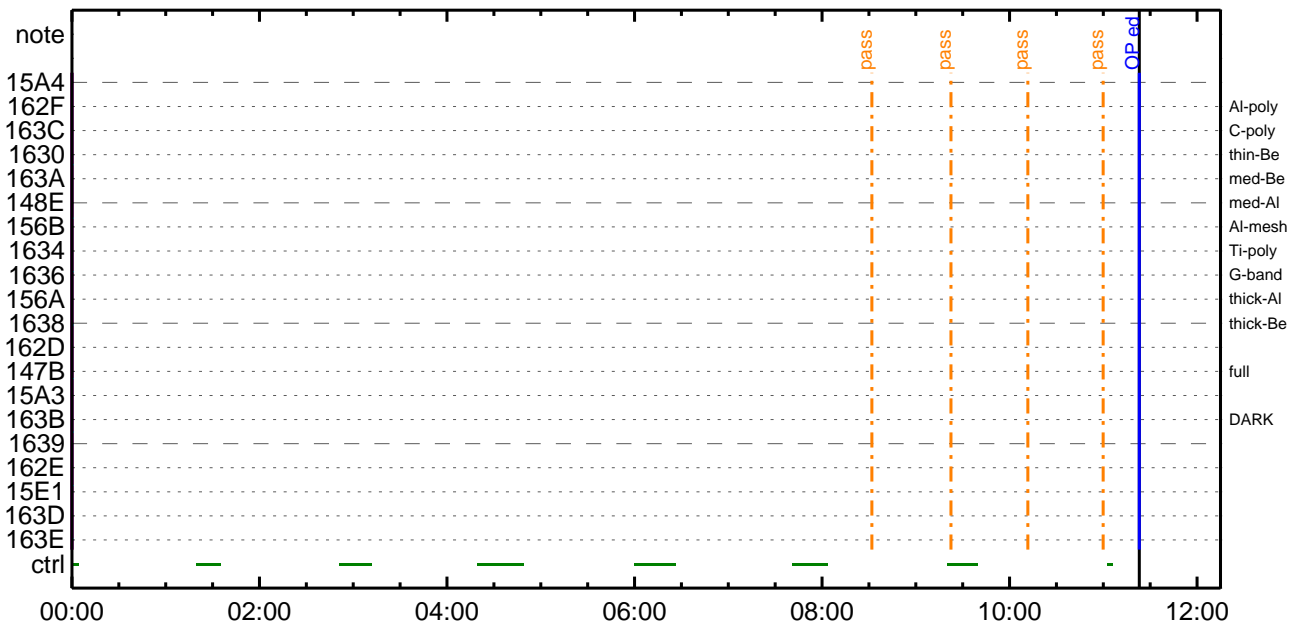
CMDI #0347 2009/01/23



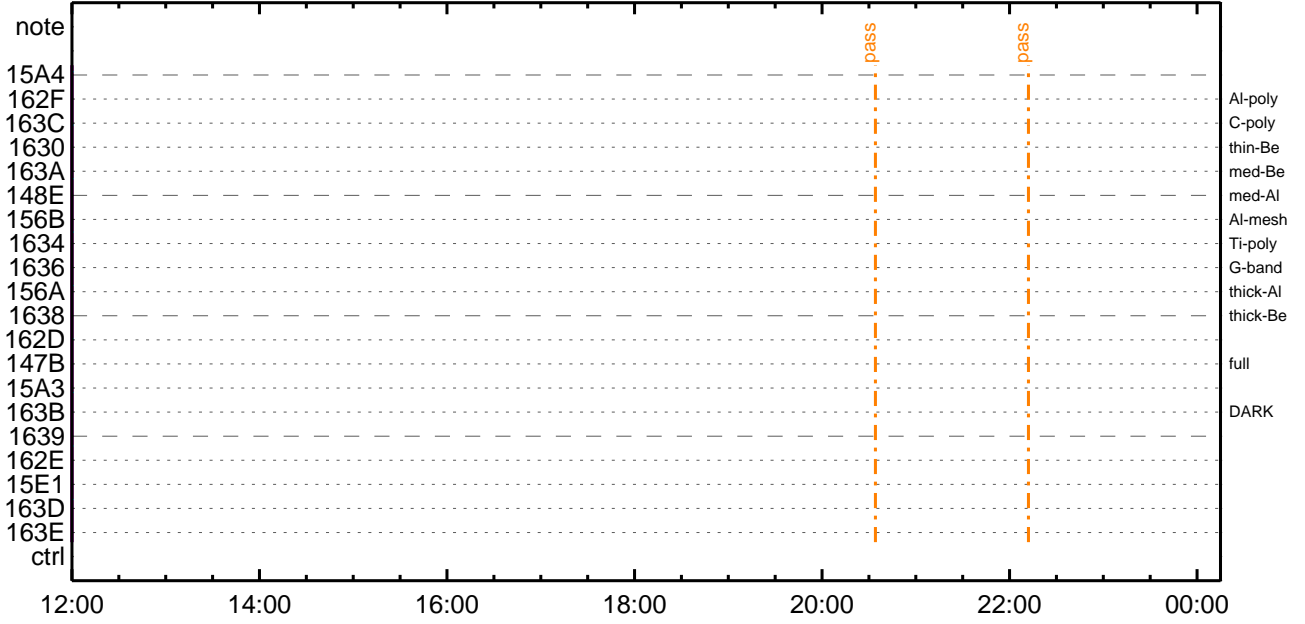
CMDI #0347 2009/01/23



CMDI #0347 2009/01/24



CMDI #0347 2009/01/24







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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;aOP/OGY1;4YE;a
0103 S. OP op-359:OP
0104 ( )
0105 S. OG og-359:OG
0106 ( )
0107 C.
0108 C. ;aNMOG&OPf°eYAYOX;a
0109 C. NMOG(0x200000-0x207FFF;s 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. ;c[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. ;c[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. ;c[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. ;c[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. ;c[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. ;c[HK1_PKT_FORM_NO] EQ 7
0120 C. ;c[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. ;c[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. ;c[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. ;c[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOXx1/2^i»oð³iÇS
0125 C. ;c[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGqî%Ê¹ç•ë²ïOKoð³iÇS
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;s 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. ;c[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. ;c[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. ;c[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. ;c[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. ;c[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. ;c[HK1_PKT_FORM_NO] EQ 7
0139 C. ;c[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. ;c[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. ;c[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. ;c[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOXx1/2^i»oð³iÇS
0144 C. ;c[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGqî%Ê¹ç•ë²ïOKoð³iÇS
0146 C.
0147 C. NMOG(0x210000-0x2100FF;s 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. ;c[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. ;c[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. ;c[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. ;c[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. ;c[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. ;c[HK1_PKT_FORM_NO] EQ 7
0158 C. ;c[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. ;c[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. ;c[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. ;c[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOXx1/2^i»oð³iÇS
0163 C. ;c[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPqî%Ê¹ç•ë²ïOKoð³iÇS
0165 C.
0166 C. ***** oÊ²¼oî%Ä´¶Á°oÊÊ¬o°Á÷¿@ (%âµ-YAYOXx1/2^e½çoðÄÖÆoç¼¹a°oð%î¹çoçoâ) *****
0167 C. DHUYâ;4YE;Ê½Y½,Yî;4YE;Êoðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. ;c[HK1_PKT_FORM_NO] EQ 2
0171 C. ;c[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. ;c[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. ;c[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 ;s OPOG UPLOADo-Á÷¿@NGuî%î¹ç;ç°Ê²¼oîTI-CMDÁ÷¿@oî%Ä¹Ôo•oÊoðoð³oÊ;f
0180 C. oðo¿;çSEToEDUMPoîÆ±°iYNY¹oç¹Ôo|o³oÊ;f
0181 C.
0182 C. TIY³YpYóYÊoðÄî¿¿(UT)
0183 +. TI 2009-01-20 10:28:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. ;c[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-01-20 10:28:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. ;c[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-01-20 10:28:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. ;c[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.  
0195 +. TI 2009-01-20 10:32:59.5  
0196 DC 01-B2 DHU\_OP\_START  
0197 C.                   çç[HK1\_TI\_CMD\_NUM]                   EQ       1COUNTUP  
0198 C.  
0199 C. °Ê²¼αîÄê%îíñαîŷÄŷ§ŷÄŷ-¹àîü  
0200 C.                   çç[HK1\_TI\_CMD\_ENA/DIS]                   EQ       ENA  
0201 C.                   çç[HK1\_TI\_CMD\_NUM]                   EQ       4  
0202 C.                   çç[HK1\_NEXT\_EXEC\_PIM]                   EQ       DHU  
0203 C.                   çç[HK1\_NEXT\_EXEC\_DC]                   EQ       0xB3  
0204 C.  
0205 C. \*\*\*\*\*  
0206 C. TÍîŷ°èŷÄŷÖŷ×  
0207 C. \*\*\*\*\*  
0208 C.  
0209 C. TI\_TBL(0x03AB00-0x03AEFF;§ 1024byte)  
0210 +. DC 01-23 DHU\_DMA\_DMP\_PRM\_SET  
0211 BC       (03 ab 03 01 02)  
0212 C.                   çç[HK1\_DMP\_TOP\_ADRS\_1]                   EQ       07  
0213 C.                   çç[HK1\_DMP\_TOP\_ADRS\_0]                   EQ       2B  
0214 C.                   çç[HK1\_DMP\_BLOCK\_NUM]                   EQ       3  
0215 C.                   çç[HK1\_DMP\_REPEAT\_NUM]                   EQ       0  
0216 C.                   çç[HK1\_DMA\_DMP\_PIM]                   EQ       DHU  
0217 +. DC 01-22 DHU\_MODE\_CHNG  
0218 BC       (07 0b f8)  
0219 C.                   çç[HK1\_PKT\_FORM\_NO]                   EQ       7  
0220 C.                   çç[HK1\_PKT\_GEN\_TIME]                   EQ       0.25 s  
0221 C.                   çç[HK1\_S\_TLM\_BIT\_RATE]                   EQ       32k  
0222 C.                   çç[HK1\_X\_TLM\_BIT\_RATE]                   EQ       4M  
0223 C.                   çç[HK1\_DMP\_CHK\_FLG]                   EQ       EXEC  
0224 C.  
0225 C. ŷÄŷÖŷ×½ªî»αð³îç§  
0226 C.                   çç[HK1\_DMP\_CHK\_FLG]                   EQ       NON  
0227 C.  
0228 C. RAM ID=TI\_TBLαîŷ°è¹ç•è²îOKαð³îç§  
0229 C.  
0230 C. DHUŷâ;¼ŷÉ;Ê¼ŷ½. ŷî;¼ŷÊ;Êαðîãα¹  
0231 +. DC 01-22 DHU\_MODE\_CHNG  
0232 BC       (02 0a f8)  
0233 C.                   çç[HK1\_PKT\_FORM\_NO]                   EQ       2  
0234 C.                   çç[HK1\_PKT\_GEN\_TIME]                   EQ       0.5S  
0235 C.                   çç[HK1\_S\_TLM\_BIT\_RATE]                   EQ       32K  
0236 C.                   çç[HK1\_X\_TLM\_BIT\_RATE]                   EQ       4M  
0237 C.  
0238 C. \*\*\*\*\*  
0239 C. SOT TI command set  
0240 C. \*\*\*\*\*  
0241 C. Execute, after the success of OP upload.  
0242 +. TI 2009-01-20 10:32:16.0  
0243 DC 07-F0 MDP\_SOT\_MODE\_STBY  
0244 BC       (41)  
0245 C. -----  
0246 C.       HK1\_TI\_CMD\_NUM       = 1 CNTUP [ ]  
0247 C. -----  
0248 C. \*\*\*\*\* SOT END \*\*\*\*\*  
0249 C. Stop EIS observation and temporarily disable EIS mode changes  
0250 C.  
0251 C.  
0252 C. \*\*\*\*\* Start EIS operation (TI set) \*\*\*\*\*  
0253 C. Execute, after the success of OP upload.  
0254 C. Set EIS TI-commands  
0255 +. TI 2009-01-20 10:32:30.0  
0256 DC 07-FC EIS\_MODE\_MANU  
0257 BC       (21 02)  
0258 +. TI 2009-01-20 10:32:40.0  
0259 DC 07-FC EIS\_MODE\_CHG\_DIS  
0260 BC       (22)  
0261 C.                   [    ] [HK1\_TI\_CMD\_NUM]       EQ       2 COUNTUP  
0262 C. \*\*\*\*\* End EIS operation (TI set) \*\*\*\*\*  
0263 C.  
0264 C.  
0265 C.  
0266 C. \*\*\*\*\* XRT START \*\*\*\*\*  
0267 C. Execute, after the success of OP upload.  
0268 +. TI 2009-01-20 10:32:00.0  
0269 DC 07-F0 MDP\_XRT\_MODE\_STBY  
0270 BC       (c3)  
0271 C.                   [    ] [HK1\_TI\_CMD\_NUM]       EQ       1COUNTUP  
0272 C.  
0273 C. \*\*\*\*\* XRT END \*\*\*\*\*  
0274 C.  
0275 C. \*\*\*\*\* MDP `úÃîαî»ö¼ŷ°èÄðα¹αèDCBC•x²è \*\*\*\*\*  
0276 C. (¼ª°îŷÖŷÄŷÊŷŷŷÄŷçŷèè¼αα¼Ä»Űα¹αè)  
0277 C. S. DC-BC dcbc-402:DCBC  
0278 C. (MDP\_known\_event)  
0279 C.  
0280 C.  
0281 C. \*\*\*\*\* ŷÐŷ¹•î Daily±çîñèË'Øα¹αèDCBC•x²è \*\*\*\*\*  
0282 C. S. DC-BC dcbc-153:DCBC  
0283 C. (SPECIAL-CMD\_DAILY\_OPERATIN\_DCB)  
0284 C.  
0285 C.  
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Ű;ã  
0287 C.  
0288 C. \*\*\*\*\* LOS \*\*\*\*\*  
0289 C.





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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-268:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Stop SP table >
0120 +. DC 07-F0 MDP_SP_CTRL_MANU
0121 BC (61)
0122 C. -----
0123 C. MDP_SP_CTRL_MODE = MANU [ ]
0124 C. -----
0125 C.
0126 . C. <Upload SP Observation Table>
0127 . S. RAM ram-285:MDP_OBS_S
0128 ( )
0129 C.
0130 . C. < Dump RAMID=MDP_OBS_S >
0131 +. DC 07-F0 MDP_DUMP_SPTBL
0132 BC (83 07 00 00 00 38 b8)
0133 C. -----
0134 C. MDP_OBS_S verify = OK/NG [ ]
0135 C. -----
0136 C.
0137 . C. < Upload DPL table >
0138 C.
0139 C. ¥ç¥Ã¥×¥í;¼¥É°âÊSTS_CHKðOFFðËð¹ðë
0140 C.
0141 . S. RAM ram-271:MDP_DPL
0142 ( )
0143 C.
0144 . C. < Dump RAMID=MDP_DPL >
0145 +. DC 07-F0 MDP_DUMP_FGTBL
0146 BC (82 07 00 38 b8 00 40)
0147 C. -----
0148 C. MDP_DPL verify = OK [ ]
0149 C. -----
0150 C.
0151 C. STS_CHKðONðËð¹ðë
0152 C.
0153 . C. < Update MDP DSC PAR1 >
0154 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0155 BC (4c)
0156 C. MDP_CMD_CODE = F04C0700[ ]
0157 C. MDP_CMD_CNT (count-up 1) [ ]
0158 C. -----
0159 C.
0160 . C.
0161 C. *****
0162 C. SOT TI command set
0163 C. *****
0164 C. Execute, after the success of TBL upload.
0165 +. TI 2009-01-20 10:32:18.0
0166 DC 07-F0 MDP_SOT_MODE_OBSV
0167 BC (40)
0168 . C. -----
0169 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0170 C. -----
0171 C.
0172 C.
0173 C. ***** XRT START *****
0174 C.
0175 +. DC 07-F0 MDP_XRT_CTRL_MANU
0176 BC (c1)
0177 + DC 07-F0 MDP_XRT_MODE_STBY
0178 BC (c3)
0179 . C. ----- Success Verify ? OK / NG____
0180 C.
0181 C. XRT Obs. Table Upload
0182 . S. RAM ram-291:MDP_OBS_X
0183 ( )
0184 C.
0185 +. DC 07-F0 MDP_DUMP_XRTTBL
0186 BC (84 07 00 00 00 3a d4)
0187 . C. ----- Comparison Check ? OK / ERR ____
0188 C.
0189 C.
0190 +. DC 07-F0 MDP_XRT_ROI_SET
0191 BC (cd 01 b1 b1 04 04)
0192 + DC 07-F0 MDP_XRT_ROI_SET
0193 BC (cd 02 b1 b1 08 08)

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0194 + DC 07-F0 MDP_XRT_ROI_SET
0195 BC (cd 03 b1 b1 08 08)
0196 + DC 07-F0 MDP_XRT_ROI_SET
0197 BC (cd 04 b1 b1 06 06)
0198 + DC 07-F0 MDP_XRT_ROI_SET
0199 BC (cd 05 80 80 20 20)
0200 + DC 07-F0 MDP_XRT_ROI_SET
0201 BC (cd 06 80 80 08 08)
0202 + DC 07-F0 MDP_XRT_ROI_SET
0203 BC (cd 07 80 83 06 04)
0204 + DC 07-F0 MDP_XRT_ROI_SET
0205 BC (cd 08 80 80 03 03)
0206 + DC 07-F0 MDP_XRT_ROI_SET
0207 BC (cd 09 80 80 20 20)
0208 + DC 07-F0 MDP_XRT_ROI_SET
0209 BC (cd 0f 80 80 06 06)
0210 + DC 07-F0 MDP_XRT_ROI_SET
0211 BC (cd 10 80 80 04 04)
0212 + DC 07-F0 MDP_XRT_AEC_RESET
0213 BC (d0)
0214 + DC 07-F0 MDP_XRT_QT_PROG_SET
0215 BC (c4 12)
0216 + DC 07-F0 MDP_XRT_FL_PROG_SET
0217 BC (c5 0f)
0218 . C. ----- Success Verify ? OK / NG ____
0219 C.
0220 C.
0221 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0222 C.
0223 + DC 07-F0 MDP_XRT_MODE_OBSV
0224 BC (c2)
0225 + DC 07-F0 MDP_XRT_CTRL_AUTO
0226 BC (c0)
0227 + TI 2009-01-20 10:32:02.0
0228 DC 07-F0 MDP_XRT_MODE_OBSV
0229 BC (c2)
0230 . C. ----- Success Verify ? OK / NG ____
0231 C.
0232 C. ***** XRT Special *****
0233 + DC 07-F0 MDP_XRT_PFBUFF_RESET
0234 BC (ea)
0235 C. ***** XRT Special (end) *****
0236 C. ***** XRT END *****
0237 C.
0238 . C. ***** MDP 'úÃÏîÎ»ö¼Ý°ÊÃÐª¹²³DCBC•×²è *****
0239 C. (%á°îÿÓ¼ÅÿËÿÏÿÛÿäÿçÿèÿé¼ª¼Å»Û¹²è)
0240 . S. DC-BC dcbc-402:DCBC
0241 (MDP_known_event)
0242 C.
0243 C.
0244 . C. ***** ¼Ðÿ¹•Ï Daily±¼ÏÏË'ª¹²³DCBC•×²è *****
0245 . S. DC-BC dcbc-153:DCBC
0246 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0247 C.
0248 C.
0249 . C. ;ãLOS¼ÅÿÛÿÛÿÛÿ¼Å»Û;ä
0250 C.
0251 . C. ***** LOS *****
0252 C.

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Jan 20, 09 13:17

## XRT\_OGLIST\_0347.chk

Page 1/4

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

2009/01/20	10:42:54.0	XRT_CTRL_MANU_433_OG [0x1b1]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	10:43:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/01/20	10:44:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/01/20	10:44:52.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/01/20	10:44:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/01/20	10:44:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/01/20	10:44:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/01/20	10:45:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/20	15:33:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	15:56:00.0	XRT_Custom_430_OG [0x1ae]							
2009/01/20	15:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/20	17:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	17:33:00.0	XRT_Custom_430_OG [0x1ae]							
2009/01/20	17:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/20	18:03:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	18:03:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/01/20	18:04:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/01/20	18:04:16.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2009/01/20	18:04:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/01/20	18:04:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/01/20	18:04:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/01/20	18:06:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/20	18:13:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	18:13:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/01/20	18:14:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/01/20	18:14:16.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2009/01/20	18:15:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/01/20	18:15:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/01/20	18:15:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/01/20	18:16:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/20	18:46:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	19:09:30.0	XRT_Custom_430_OG [0x1ae]							
2009/01/20	19:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/20	20:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	20:47:00.0	XRT_Custom_430_OG [0x1ae]							
2009/01/20	20:48:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/20	22:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	22:22:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	22:22:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/01/20	22:22:46.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2009/01/20	22:24:24.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/01/20	22:24:26.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/01/20	22:24:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/01/20	22:24:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/20	23:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/01/20	23:52:30.0	XRT_Custom_430_OG [0x1ae]							
2009/01/20	23:53:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/01/21	01:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2009/01/21	01:21:30.0	XRT_Custom_430_OG [0x1ae]			
2009/01/21	01:22:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	02:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/21	02:58:00.0	XRT_Custom_430_OG [0x1ae]			
2009/01/21	02:59:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	04:05:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/21	04:35:00.0	XRT_Custom_430_OG [0x1ae]			
2009/01/21	04:36:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	05:46:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/21	06:13:00.0	XRT_Custom_430_OG [0x1ae]			
2009/01/21	06:14:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	06:22:24.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/21	06:22:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/01/21	06:22:30.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2009/01/21	06:22:46.0	XRT_QT_PROG_SET_406_OG [0x196]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2009/01/21	06:22:48.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/01/21	06:22:50.5	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/01/21	06:22:52.5	XRT_ARS_DIS_427_OG [0x1ab]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/01/21	06:24:30.5	XRT_CTRL_AUTO_444_OG [0x1bc]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	06:32:24.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/21	06:32:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/01/21	06:32:30.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 ac 00 00 00
2009/01/21	06:32:46.0	XRT_QT_PROG_SET_443_OG [0x1bb]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/01/21	06:32:48.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/01/21	06:32:50.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/01/21	06:32:52.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/01/21	06:47:30.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	08:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/21	08:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/01/21	08:40:00.0	AOCS_ORe-point_Start_5_OG [0x09b]			
		AOCU_NM	5	02-76	00 00 00 54 00
2009/01/21	08:40:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/01/21	08:40:18.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/01/21	08:40:20.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/01/21	08:40:22.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/01/21	08:55:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	10:39:54.0	XRT_CTRL_MANU_433_OG [0x1b1]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/21	10:40:00.0	AOCS_ORe-point_Start_6_OG [0x09c]			
		AOCU_NM	5	02-76	01 00 00 00 00
2009/01/21	10:41:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/01/21	10:41:52.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2009/01/21	10:41:54.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/01/21	10:41:56.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/01/21	10:41:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/01/21	10:42:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	10:48:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/21	10:55:30.0	XRT_Custom_430_OG [0x1ae]			
2009/01/21	10:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	14:36:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/21	14:43:30.0	XRT_Custom_430_OG [0x1ae]			
2009/01/21	14:44:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/21	16:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			



Jan 20, 09 13:17

## XRT\_OGLIST\_0347.chk

Page 3/4

2009/01/21	16:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/21	16:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/21	17:46:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/21	18:09:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/21	18:09:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/01/21	18:09:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
			AOCU_NM	5	02-76	00	00	00	00
2009/01/21	18:09:46.0	XRT_QT_PROG_SET_413_OG [0x19d]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	04		
2009/01/21	18:09:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
			MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/01/21	18:09:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/01/21	18:09:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/01/21	18:11:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/21	18:19:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/21	18:19:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/01/21	18:19:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
			AOCU_NM	5	02-76	04	00	00	00
2009/01/21	18:19:46.0	XRT_QT_PROG_SET_400_OG [0x190]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	01		
2009/01/21	18:21:24.0	XRT_ARS_DIS_422_OG [0x1a6]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/01/21	18:21:26.0	XRT_FLD_DIS_445_OG [0x1bd]							
			MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/01/21	18:21:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/01/21	18:21:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/21	18:49:24.0	XRT_CTRL_MANU_434_OG [0x1b2]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/21	18:49:50.0	XRT_FLD_ENA_440_OG [0x1b8]							
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2009/01/21	18:49:52.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/01/21	18:49:54.0	XRT_CTRL_AUTO_403_OG [0x193]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/21	19:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/21	19:45:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/21	19:45:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/01/21	19:45:46.0	XRT_QT_PROG_SET_414_OG [0x19e]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2009/01/21	19:47:24.0	XRT_ARS_DIS_422_OG [0x1a6]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/01/21	19:47:26.0	XRT_FLD_DIS_445_OG [0x1bd]							
			MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/01/21	19:47:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/01/21	19:47:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/21	21:00:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/21	21:20:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
			AOCU_NM	5	02-76	02	00	00	00
2009/01/21	22:00:00.0	XRT_Custom_401_OG [0x191]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2009/01/21	22:05:00.0	XRT_Custom_437_OG [0x1b5]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2009/01/21	23:57:54.0	XRT_CTRL_MANU_433_OG [0x1b1]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/21	23:59:32.0	XRT_FOCUS_POSITION_436_OG [0x1b4]							
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/01/21	23:59:52.0	XRT_QT_PROG_SET_412_OG [0x19c]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	08		
2009/01/21	23:59:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/01/21	23:59:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
			MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/01/21	23:59:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/01/22	00:00:00.0	XRT_CTRL_AUTO_446_OG [0x1be]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/22	00:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/22	00:24:30.0	XRT_Custom_430_OG [0x1ae]							
2009/01/22	00:25:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/01/22	01:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/01/22	01:29:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00

Jan 20, 09 13:17

## XRT\_OGLIST\_0347.chk

Page 4/4

2009/01/22	01:30:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	04 00 00 00 00
2009/01/22	01:30:16.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2009/01/22	01:31:54.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5
2009/01/22	01:31:56.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/01/22	01:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/01/22	01:32:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/22	01:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/22	01:58:00.0	XRT_Custom_430_OG [0x1ae]			
2009/01/22	01:59:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/22	03:14:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/22	03:35:00.0	XRT_Custom_430_OG [0x1ae]			
2009/01/22	03:36:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/22	04:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/22	05:12:30.0	XRT_Custom_430_OG [0x1ae]			
2009/01/22	05:13:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/22	05:56:24.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/22	05:56:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/01/22	05:56:30.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00
2009/01/22	05:56:46.0	XRT_QT_PROG_SET_406_OG [0x196] MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2009/01/22	05:56:48.0	XRT_FLD_DIS_419_OG [0x1a3] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/01/22	05:56:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/01/22	05:56:52.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5
2009/01/22	05:58:30.0	XRT_CTRL_AUTO_444_OG [0x1bc] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/22	06:06:24.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/22	06:06:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/01/22	06:06:30.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	04 00 00 00 00
2009/01/22	06:06:46.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2009/01/22	06:08:24.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5
2009/01/22	06:08:26.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/01/22	06:08:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/01/22	06:08:30.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/22	06:24:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/22	06:50:00.0	XRT_Custom_430_OG [0x1ae]			
2009/01/22	06:51:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/22	08:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/22	08:27:00.0	XRT_Custom_430_OG [0x1ae]			
2009/01/22	08:28:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/22	09:44:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/22	10:02:00.0	XRT_Custom_430_OG [0x1ae]			
2009/01/22	10:03:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/01/22	10:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/01/22	10:20:00.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00