

XRT Timeline to be uploaded on 2008/07/05

Period: 2008/07/05 11:07:00 - 2008/07/10 10:25:00

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Normal mode

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XOB #1562: Synoptic Q90 2x2 - Al/mesh(256/2048) + Dark cal(512 Q98) + Ti-poly(512/5975) + G-band(16)												
Term	Pointing (x, y)	Comment										
07/05 18:09:00 - 07/05 18:16:54	Fixed (0.0, 0.0)	synoptic, shifted 7.0 min										
07/06 05:55:30 - 07/06 06:03:24	Fixed (0.0, 0.0)	synoptic, shifted -6.5 min										
07/06 17:49:30 - 07/06 17:57:24	Fixed (0.0, 0.0)	synoptic, shifted -12.5 min										
07/07 06:08:00 - 07/07 06:15:54	Fixed (0.0, 0.0)	synoptic, shifted 6.0 min										
07/07 18:02:00 - 07/07 18:09:54	Fixed (0.0, 0.0)	synoptic, and then axions from 18:10 UT, and synoptic at 05:30:00 UT on 8 July.										
07/08 05:32:00 - 07/08 05:39:54	Fixed (0.0, 0.0)	synoptic, and then axions from 18:10 UT, and synoptic at 05:30:00 UT on 8 July.										
PROG= 16 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 38 1-time(s) 4.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												
└─ Seqn= 72 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Seqn= 64 1-time(s) 4.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												
└─ Seqn= 46 1-time(s) 2.0sec												
└─ 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 #1579: Coronal cavity (Al/poly, Ti/poly, Thin Be)-DPCM 2x2-768X768-FOV offset for South-East -longer exposures												
Term	Pointing (x, y)	Comment										
07/05 18:23:26 - 07/05 22:00:00	Fixed (-720.0, -615.0)	# Coronal cavity, and prominence, observations.										
07/06 18:45:26 - 07/06 21:16:30	Fixed (-720.0, -615.0)	# Coronal cavity, and prominence, observations.										
PROG= 17 Inf.-time(s)												
└─ Subr= 1 1-time(s) 300.0sec												
└─ Seqn= 29 1-time(s) 4.0sec												
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 11.3s Obs 2x2 768x768 (896, 904) DPCM 0 0 2.0sec												
└─ Seqn= 66 1-time(s) 2.0sec												
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 16.0s Obs 2x2 768x768 (896, 904) DPCM 0 0 2.0sec												
└─ Seqn= 33 1-time(s) 2.0sec												
└─ thin-Be/Open med-Be/Open close Safe Norm 45.2s Obs 2x2 768x768 (896, 904) DPCM 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #156C: Polar Plume - Al/Mesh, Al/Poly, C/Poly - 512x512												
Term	Pointing (x, y)	Comment										
07/06 10:22:26 - 07/06 14:42:30	Fixed (0.0, 890.0)	# N polar hole for polar plumes (Sterling): SAA-free from 10:00 - 15:08 UT..										
PROG= 09 Inf.-time(s)												
└─ Subr= 1 1-time(s) 60.0sec												
└─ Seqn= 11 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 11.3s Obs 1x1 512x512 (1024, 1024) Q=90 0 0 36.0sec												
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 22.6s Obs 1x1 512x512 (1024, 1024) Q=90 0 0 36.0sec												
└─ C-poly/Open C-poly/thick-Al close Safe Norm 32.0s Obs 1x1 512x512 (1024, 1024) Q=90 0 0 36.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #1578: QS Ti/Poly Al/Mesh Q90 512x512 no loop												
Term	Pointing (x, y)	Comment										
07/07 09:32:26 - 07/07 15:20:00	Track (70.3, 104.8) ^{07/07 06:16:00}	# Cancellation study (Yokoyama); SAA-free from 10:34 - 15:44 UT..										
PROG= 19 Inf.-time(s)												
└─ Subr= 1 30-time(s) 2.0sec												
└─ Seqn= 68 1-time(s) 60.0sec												
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 22.6s Obs 1x1 512x512 (1024, 1024) Q=90 0 0 14.0sec												
└─ Seqn= 71 1-time(s) 60.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) Q=90 0 0 14.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 35 1-time(s) 60.0sec												
└─ Open/Al-mesh Open/G-band close Safe Dark 8.00s 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												

XOB #157B: Thermal analysis 8x8 2048FOV Al/p-C/p-Al/p+Ti/p-Thin/Be-Med/Al-Thick/Al-Thick/Be												
Term	Pointing (x, y)	Comment										
07/07 18:10:30 - 07/07 18:16:00	Fixed (0.0, 0.0)	synoptic, and then axions from 18:10 UT, and synoptic at 05:30:00 UT on 8 July.										
07/07 23:00:30 - 07/07 23:20:00	Fixed (0.0, 0.0)	synoptic, and then axions from 18:10 UT, and synoptic at 05:30:00 UT on 8 July.										
PROG= 11 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 62 1-time(s) 4.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 125ms Obs 8x8 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												
└─ C-poly/Open C-poly/Open close Safe Norm 250ms Obs 8x8 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												

Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	4.00s	Obs	8x8	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Seqn= 78		3-time(s)	4.0sec									
med-Al/Open	med-Al/Open	close	Safe	Norm	11.3s	Obs	8x8	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Seqn=100		5-time(s)	4.0sec									
Open/thick-Al	Open/thick-Al	close	Safe	Norm	22.6s	Obs	8x8	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	8x8	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 #155F: Axion Study no-AEC Med-Be-12s

Term	Pointing (x, y)	Comment
07/07 18:16:30 - 07/07 23:00:00	Fixed (0.0, 0.0)	synoptic, and then axions from 18:10 UT, and synoptic at 05:30:00 UT on 8 July.

PROG= 04 Inf.-time(s)

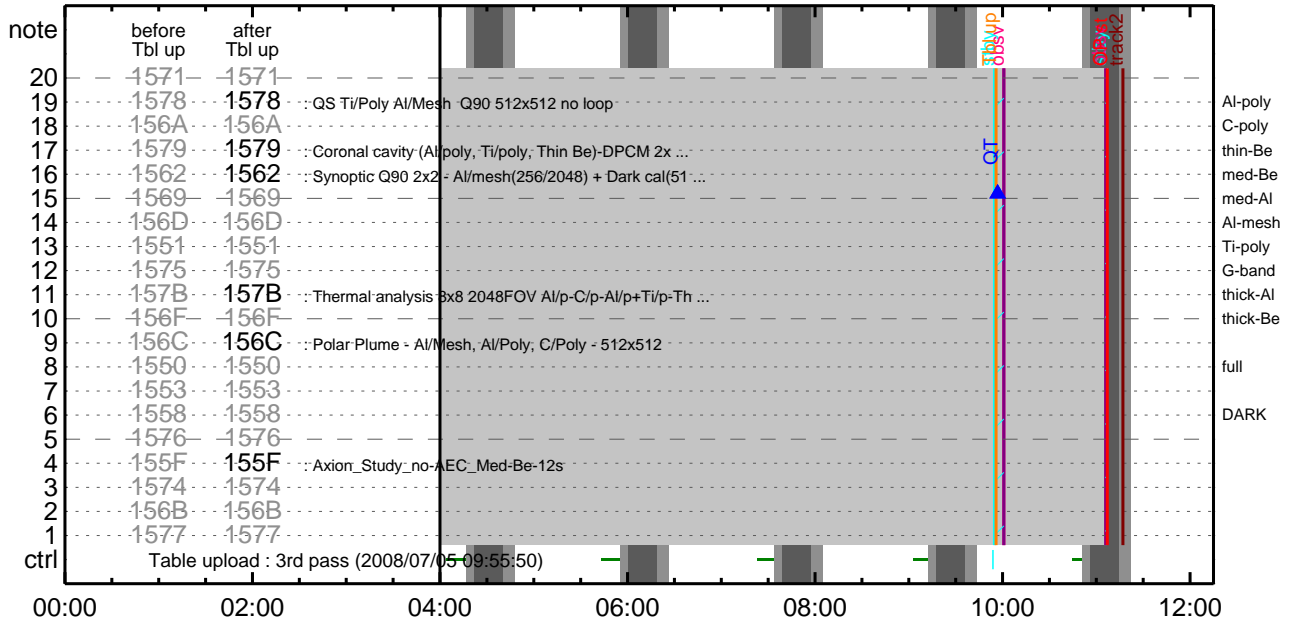
Subr= 1		1-time(s)	2.0sec									
Seqn= 12		25-time(s)	4.0sec									
med-Be/Open	med-Be/Open	close	Safe	Norm	11.3s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Subr= 2		1-time(s)	2.0sec									
Seqn= 52		1-time(s)	4.0sec									
med-Be/Open	med-Be/Open	close	Safe	Dark	11.3s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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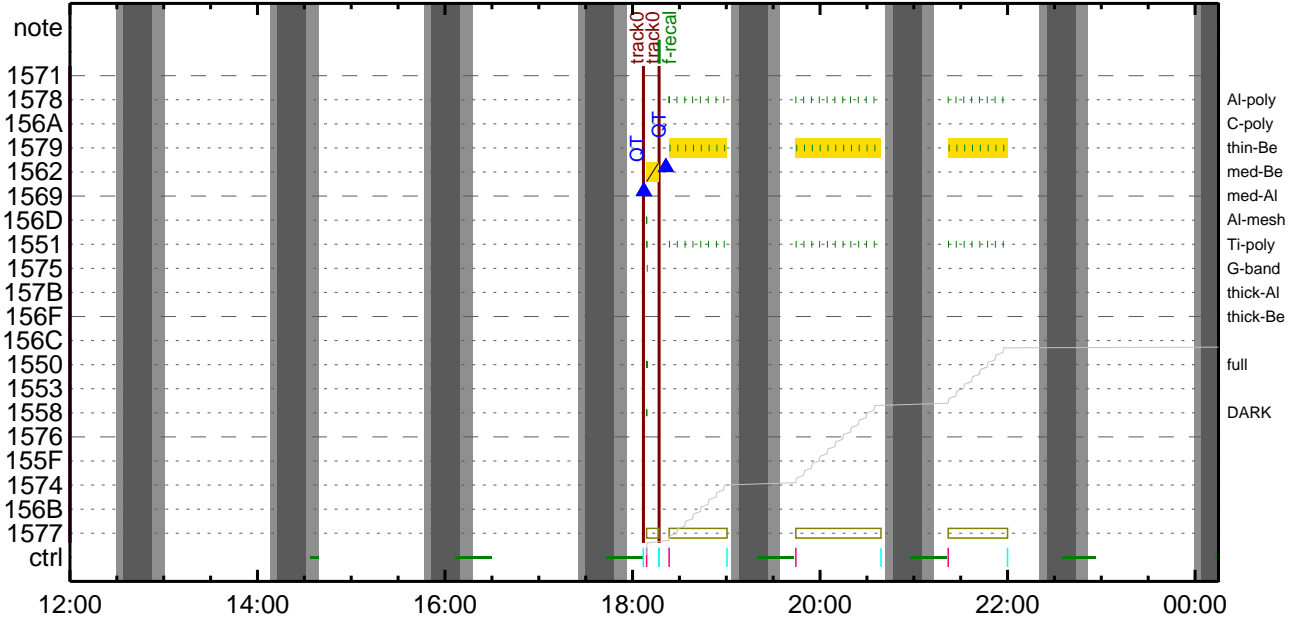
* * * * *
                Flare mode
                NOT USED
* * * * *
                Active Region Search
                NOT USED
* * * * *
                Flare Detection
                NOT USED

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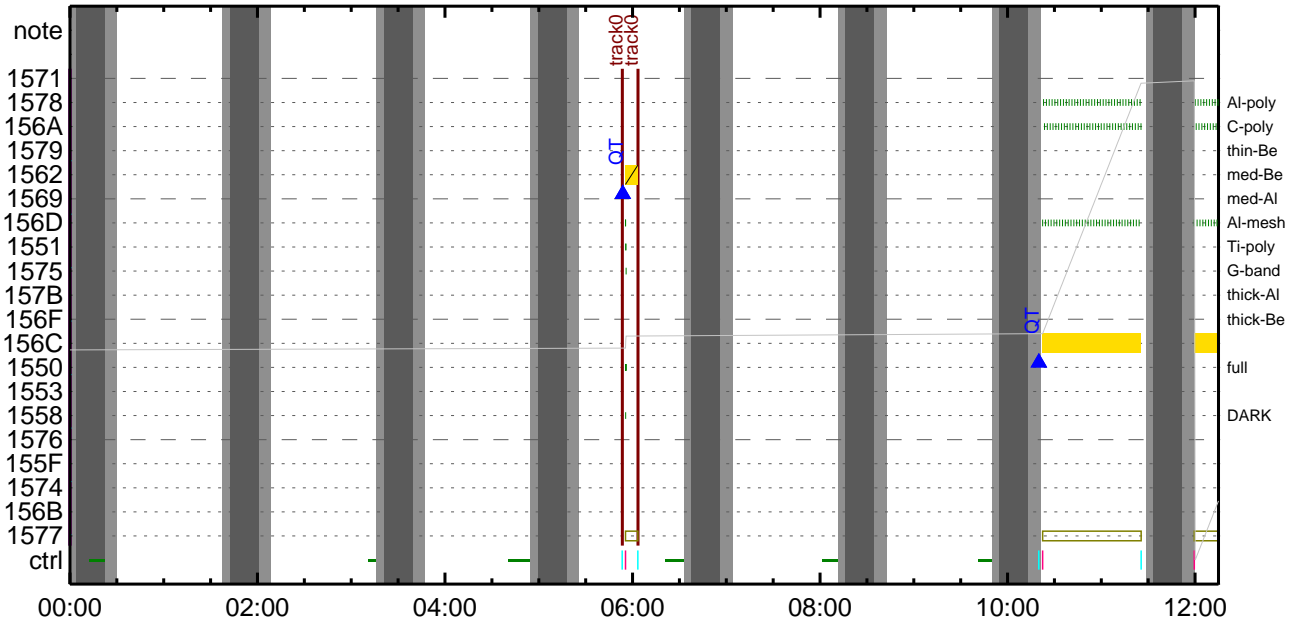
CMDI #0018 2008/07/05



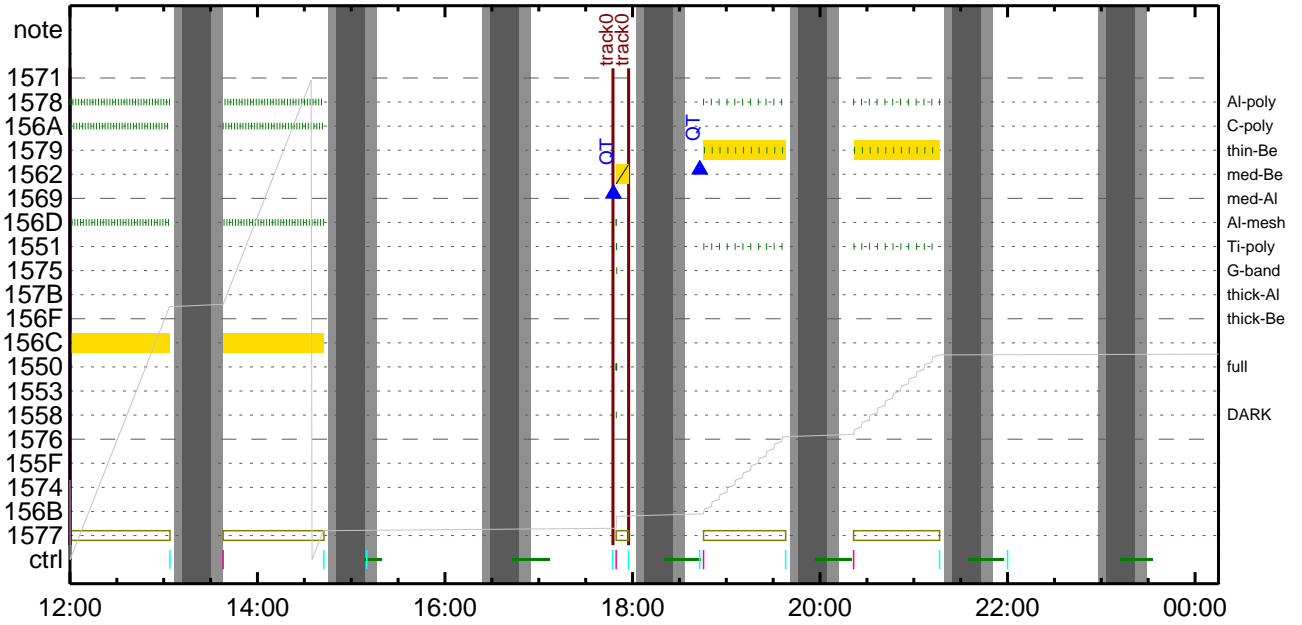
CMDI #0018 2008/07/05



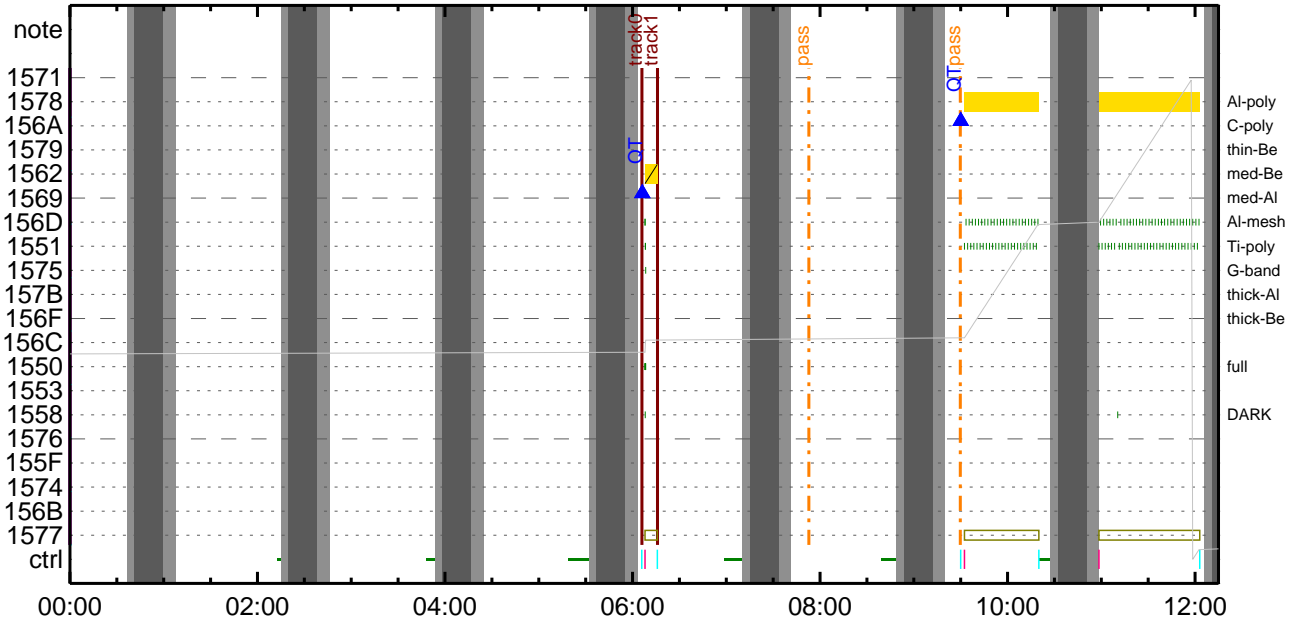
CMDI #0018 2008/07/06



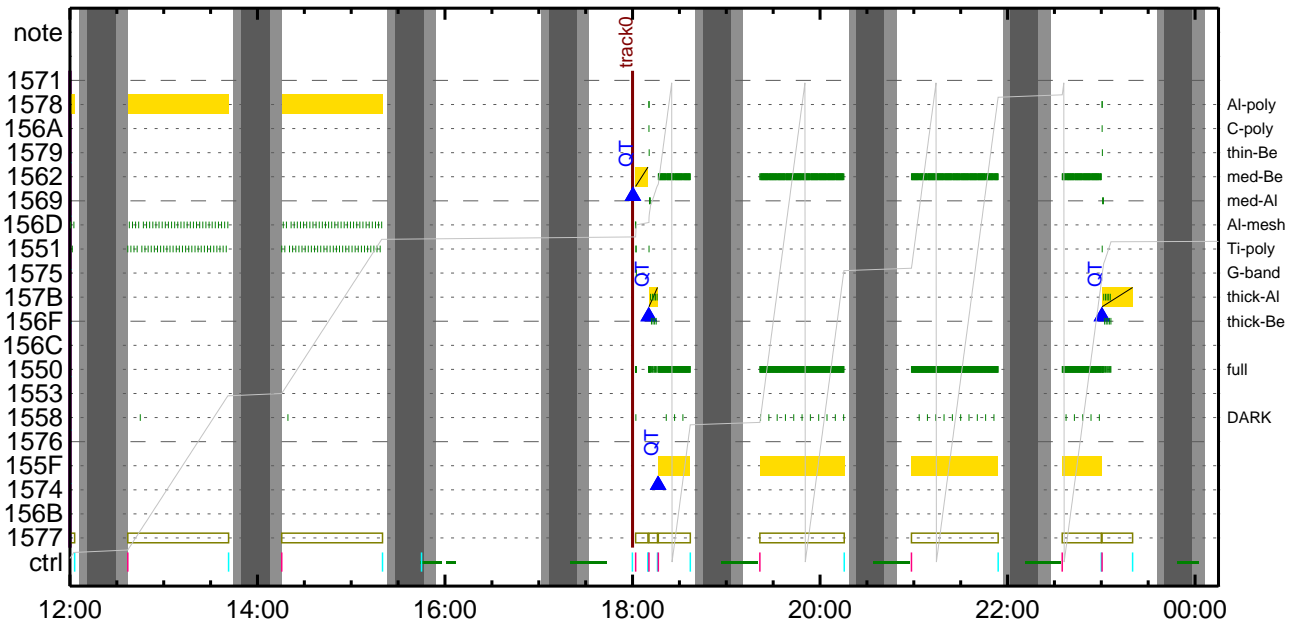
CMDI #0018 2008/07/06



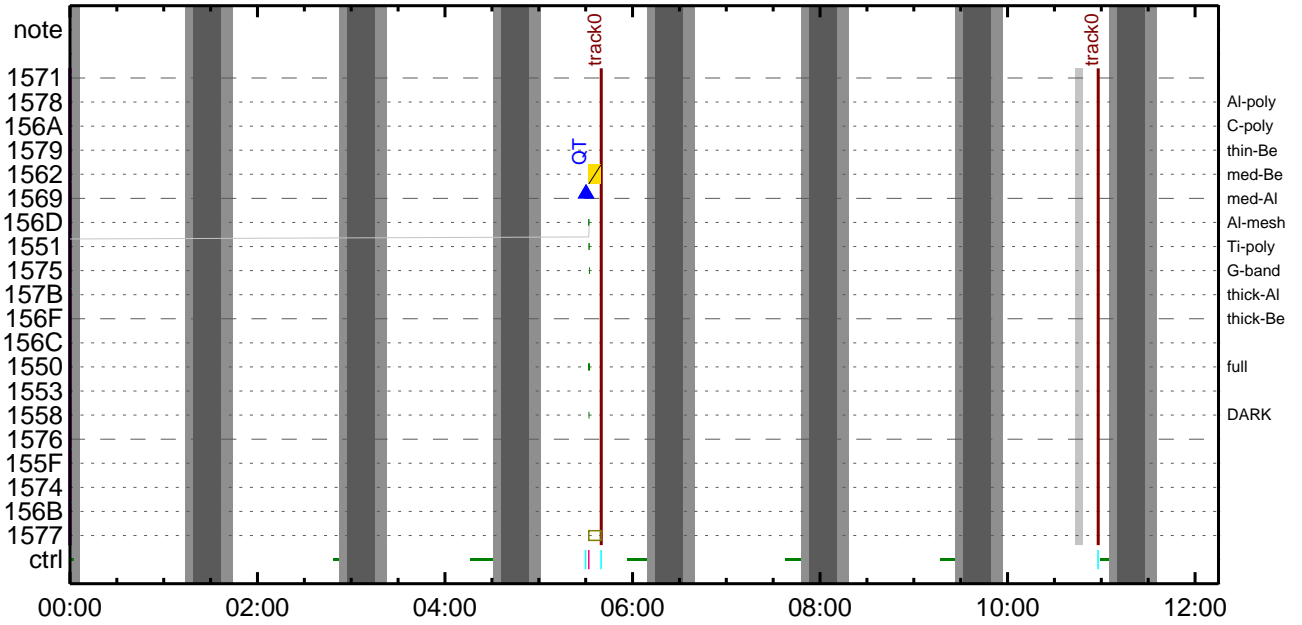
CMDI #0018 2008/07/07



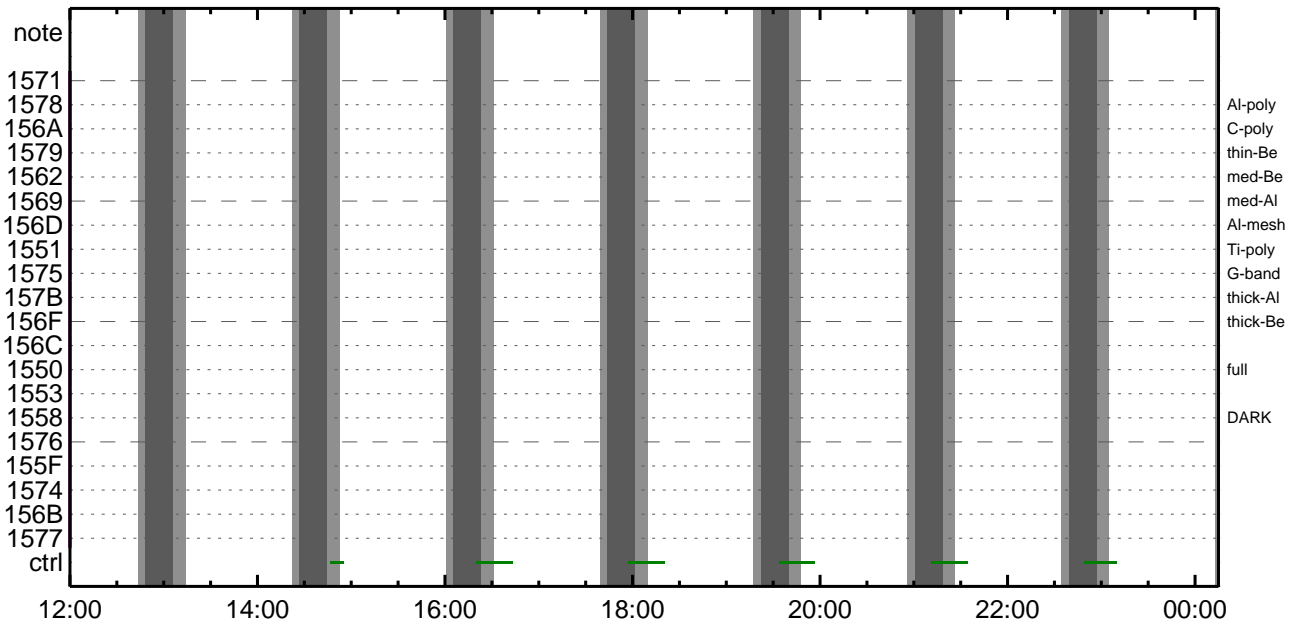
CMDI #0018 2008/07/07



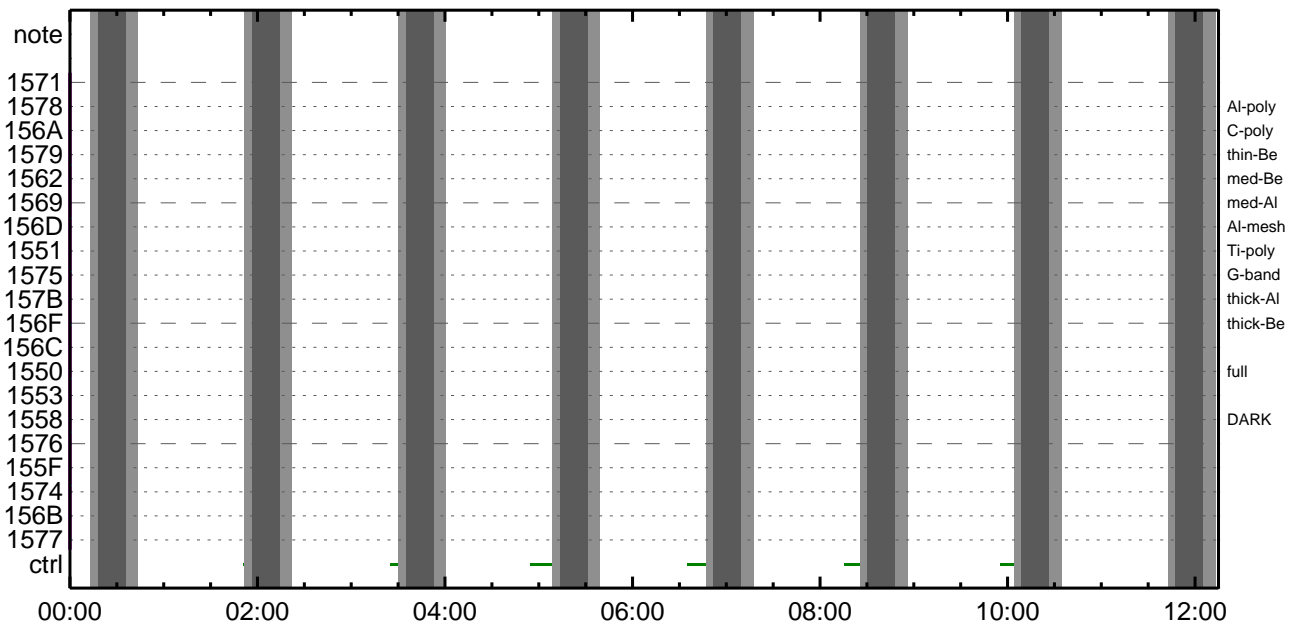
CMDI #0018 2008/07/08



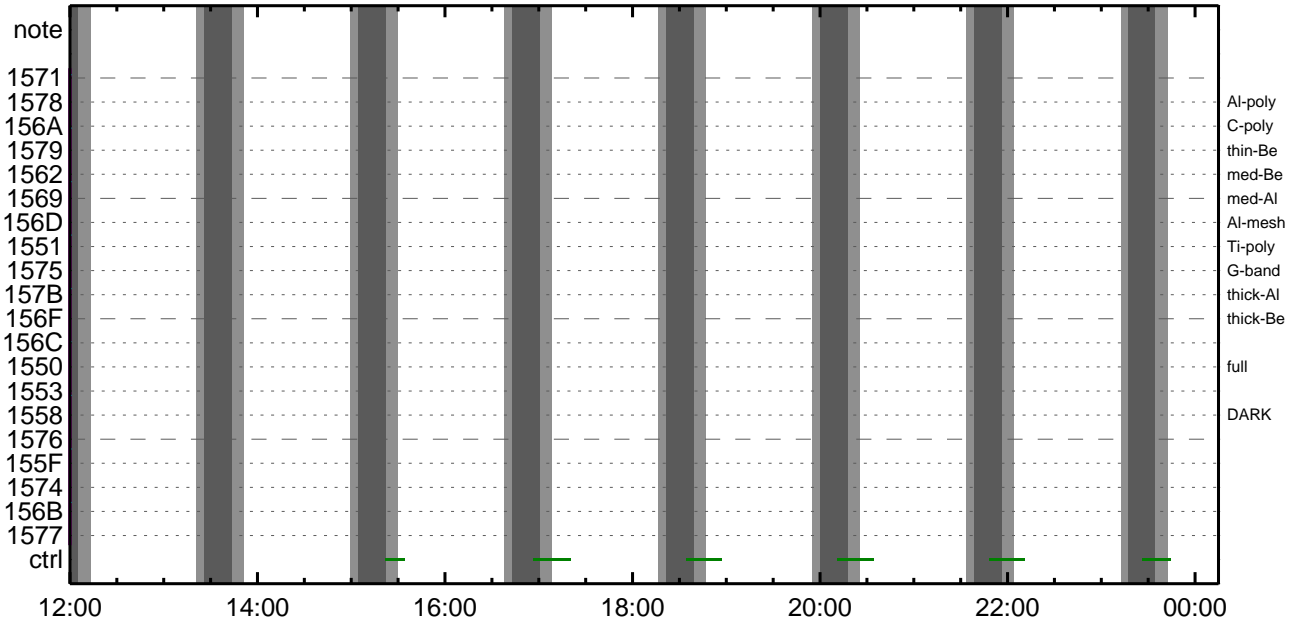
CMDI #0018 2008/07/08



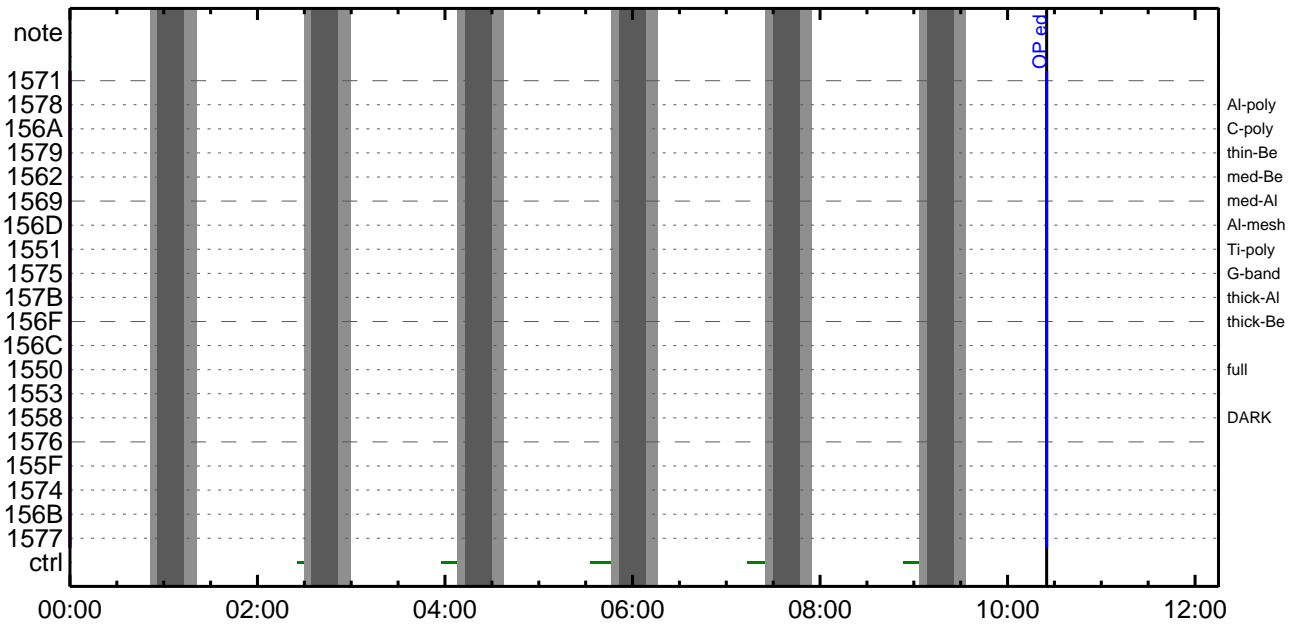
CMDI #0018 2008/07/09



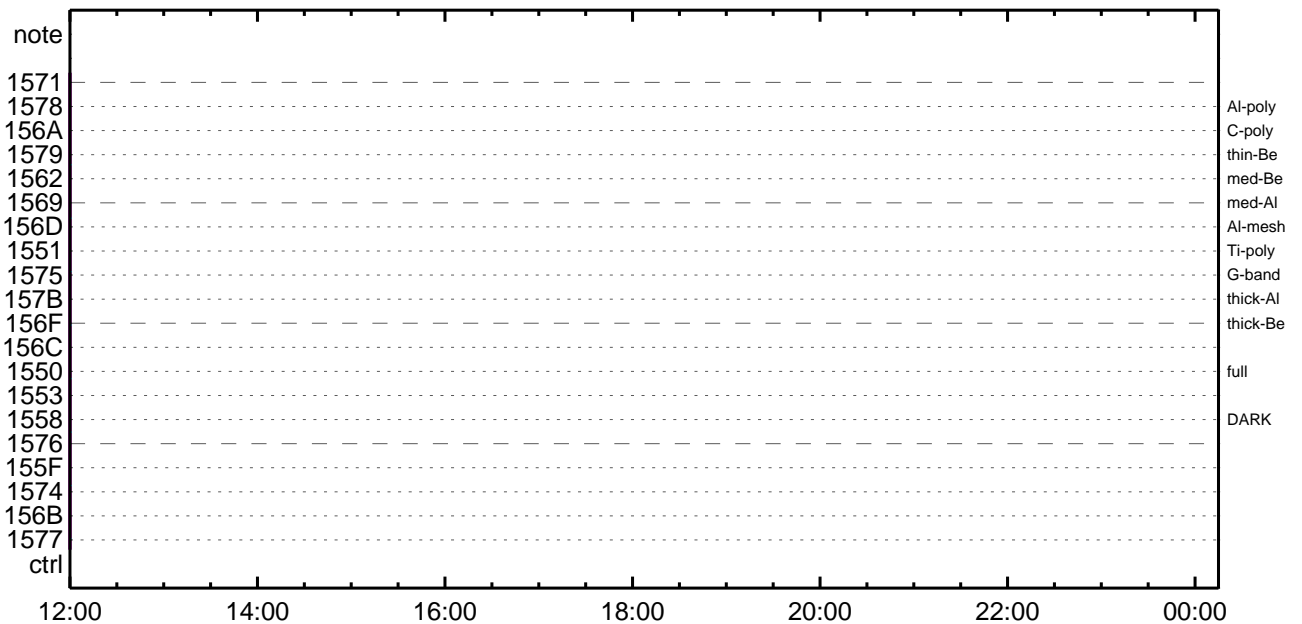
CMDI #0018 2008/07/09



CMDI #0018 2008/07/10



CMDI #0018 2008/07/10




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0096 C.          01-02; SET 01-02 DUMP 01-02 01-02 01-02 01-02; E
0097 C.
0098 C. TI 2008-07-05 11:02:00.0
0099 +. TI 2008-07-05 11:02:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0102 C.
0103 +. TI 2008-07-05 11:02:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0106 C.
0107 +. TI 2008-07-05 11:02:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0110 C.
0111 +. TI 2008-07-05 11:06:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0114 C.
0115 C.          01-02; SET 01-02 DUMP 01-02 01-02 01-02 01-02; E
0116 C.          [ ] [HK1_TI_CMD_ENA/DIS]          EQ          ENA
0117 C.          [ ] [HK1_TI_CMD_NUM]          EQ          4
0118 C.          [ ] [HK1_NEXT_EXEC_PIM]          EQ          DHU
0119 C.          [ ] [HK1_NEXT_EXEC_DC]          EQ          0xB3
0120 C.
0121 C. *****
0122 C. TI 2008-07-05 11:06:59.5
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF; 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC          (03 ab 03 01 02)
0128 C.          [ ] [HK1_DMP_TOP_ADRS_1]          EQ          07
0129 C.          [ ] [HK1_DMP_TOP_ADRS_0]          EQ          2B
0130 C.          [ ] [HK1_DMP_BLOCK_NUM]          EQ          3
0131 C.          [ ] [HK1_DMP_REPEAT_NUM]          EQ          0
0132 C.          [ ] [HK1_DMA_DMP_PIM]          EQ          DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          [ ] [HK1_PKT_FORM_NO]          EQ          7
0136 C.          [ ] [HK1_PKT_GEN_TIME]          EQ          0.25 s
0137 C.          [ ] [HK1_S_TLM_BIT_RATE]          EQ          32k
0138 C.          [ ] [HK1_X_TLM_BIT_RATE]          EQ          4M
0139 C.          [ ] [HK1_DMP_CHK_FLG]          EQ          EXEC
0140 C.
0141 C.          01-02; SET 01-02 DUMP 01-02 01-02 01-02 01-02; E
0142 C.          [ ] [HK1_DMP_CHK_FLG]          EQ          NON
0143 C.
0144 C. RAM ID=TI_TBL 01-02; SET 01-02 DUMP 01-02 01-02 01-02 01-02; E
0145 C.
0146 C. DHU 01-02; SET 01-02 DUMP 01-02 01-02 01-02 01-02; E
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          [ ] [HK1_PKT_FORM_NO]          EQ          2
0150 C.          [ ] [HK1_PKT_GEN_TIME]          EQ          0.5S
0151 C.          [ ] [HK1_S_TLM_BIT_RATE]          EQ          32K
0152 C.          [ ] [HK1_X_TLM_BIT_RATE]          EQ          4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2008-07-05 11:06:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC          (21 02)
0163 +. TI 2008-07-05 11:06:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC          (22)
0166 C.          [ ] [HK1_TI_CMD_NUM]          EQ          2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C. *****
0171 C. SOT TI command set
0172 C. *****
0173 C. Execute, after the success of OP upload.
0174 +. TI 2008-07-05 11:06:16.0
0175 DC 07-F0 MDP_SOT_MODE_STBY
0176 BC          (41)
0177 C. -----
0178 C.          HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0179 C. -----
0180 C. ***** SOT END *****
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2008-07-05 11:06:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC          (c3)
0187 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 C. ***** MDP 01-02; SET 01-02 DUMP 01-02 01-02 01-02 01-02; E *****
0192 C.          (01-02; SET 01-02 DUMP 01-02 01-02 01-02 01-02; E)
0193 C. DC-BC dcbc-402:DCBC

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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 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-262: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-288: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. *****
0138 C. SOT TI command set
0139 C. *****
0140 C. Execute, after the success of TBL upload.
0141 +. TI 2008-07-05 11:06:18.0
0142 DC 07-F0 MDP_SOT_MODE_OBSV
0143 BC (40)
0144 . C. -----
0145 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0146 C. -----
0147 C.
0148 C.
0149 C. ***** XRT START *****
0150 C.
0151 +. DC 07-F0 MDP_XRT_CTRL_MANU
0152 BC (c1)
0153 + DC 07-F0 MDP_XRT_MODE_STBY
0154 BC (c3)
0155 . C. ----- Success Verify ? OK / NG____
0156 C.
0157 C. XRT Obs. Table Upload
0158 . S. RAM ram-291:MDP_OBS_X
0159 ( )
0160 C.
0161 +. DC 07-F0 MDP_DUMP_XRTTBL
0162 BC (84 07 00 00 00 3a d4)
0163 . C. ----- Comparison Check ? OK / ERR ____
0164 C.
0165 C.
0166 +. DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 01 b1 b1 04 04)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 02 b1 b1 08 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 03 b1 b1 08 08)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 04 b1 b1 06 06)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 06 80 80 20 20)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 07 70 71 0c 0c)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 08 80 80 08 08)
0180 + DC 07-F0 MDP_XRT_ROI_SET
0181 BC (cd 0f 80 80 06 06)
0182 + DC 07-F0 MDP_XRT_ROI_SET
0183 BC (cd 10 80 80 04 04)
0184 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0185 BC (c4 10)
0186 + DC 07-F0 MDP_XRT_FLD_DIS
0187 BC (d9)
0188 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0189 BC (c9)
0190 + DC 07-F0 MDP_XRT_ARS_DIS
0191 BC (d5)
0192 . C. ----- Success Verify ? OK / NG ____
0193 C.

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0194 C.
0195 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0196 C.
0197 +. DC 07-F0 MDP_XRT_MODE_OBSV
0198 BC (c2)
0199 +. TI 2008-07-05 11:06:02.0
0200 DC 07-F0 MDP_XRT_MODE_OBSV
0201 BC (c2)
0202 . C. ----- Success Verify ? OK / NG ____
0203 C.
0204 C. ***** XRT END *****
0205 C.
0206 . C. ***** MDP `ûÃîñî»ò¼ŷñÊÂðñ¹ñèDCBC•x²è *****
0207 C. (¼á°îŷÓŷÃŷÈŷŲŷËŷáŷçŷèñ¼ññ¼Á»Ûñ¹ñè)
0208 . S. DC-BC dcbc-402:DCBC
0209 (MDP_known_event)
0210 C.
0211 C.
0212 . C. ***** ŷDŷ¹•İ Daily±¿İÑñÊ´Øñ¹ñèDCBC•x²è *****
0213 . S. DC-BC dcbc-153:DCBC
0214 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0215 C.
0216 C.
0217 . C. ¡ãLOSŷÁŷSŷÃŷ¬¼Á»Ûñ¹ñè
0218 C.
0219 . C. ***** LOS *****
0220 C.

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Jul 05, 08 12:10

XRT_OGLIST_0018.chk

Page 1/4

*** OP Sequence for XRT ***

2008/07/05	11:17:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00	00	00	00
2008/07/05	18:06:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/05	18:06:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/07/05	18:07:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2008/07/05	18:07:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2008/07/05	18:07:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/05	18:07:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/05	18:07:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/05	18:09:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/05	18:16:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/05	18:17:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	36	a7	40	00
2008/07/05	18:17:00.5	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/05	18:17:02.5	XRT_FOCUS_RECALIBRATE_410_OG [0x19a]							
		XRT_FOCUS_RECAL	2	07-F8	78	00			
2008/07/05	18:21:02.5	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/07/05	18:21:22.5	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2008/07/05	18:23:20.5	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/05	18:23:22.5	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/05	18:23:24.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/05	18:23:26.5	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/05	19:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/05	19:43:30.0	XRT_Custom_430_OG [0x1ae]							
2008/07/05	19:44:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/05	20:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/05	21:21:00.0	XRT_Custom_430_OG [0x1ae]							
2008/07/05	21:22:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/05	22:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	05:53:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	05:53:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/07/06	05:53:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2008/07/06	05:53:46.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2008/07/06	05:53:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/06	05:53:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/06	05:53:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/06	05:55:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/06	06:03:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	06:03:30.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	b0	e6	00	00
2008/07/06	10:20:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	10:20:02.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2008/07/06	10:22:00.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/07/06	10:22:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/06	10:22:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/06	10:22:24.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/06	10:22:26.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/06	11:25:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	11:51:30.0	XRT_Custom_421_OG [0x1a5]							
2008/07/06	11:59:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/06	13:04:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2008/07/06	13:30:00.0	XRT_Custom_421_OG [0x1a5]							
2008/07/06	13:38:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/06	14:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	15:10:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	17:47:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	17:47:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/07/06	17:47:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/07/06	17:47:46.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/07/06	17:47:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/06	17:47:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/06	17:47:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/06	17:49:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/06	17:57:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	17:57:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 36 a7 40 00				
2008/07/06	18:43:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	18:43:02.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2008/07/06	18:45:00.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/07/06	18:45:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/06	18:45:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/06	18:45:24.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/06	18:45:26.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/06	19:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	20:20:30.0	XRT_Custom_430_OG [0x1ae]							
2008/07/06	20:21:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/06	21:16:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/06	22:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/07	06:05:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/07	06:05:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/07/07	06:06:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/07/07	06:06:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/07/07	06:06:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/07	06:06:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/07	06:06:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/07	06:08:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/07	06:15:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/07	06:16:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2008/07/07	09:30:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/07	09:30:02.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2008/07/07	09:32:00.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/07/07	09:32:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/07	09:32:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/07	09:32:24.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/07	09:32:26.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/07	10:20:01.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/07	10:50:30.0	XRT_Custom_421_OG [0x1a5]							
2008/07/07	10:58:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/07	12:03:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/07	12:29:00.0	XRT_Custom_421_OG [0x1a5]							
2008/07/07	12:37:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							

Jul 05, 08 12:10

XRT_OGLIST_0018.chk

Page 3/4

2008/07/07	13:41:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	14:07:30.0	XRT_Custom_421_OG [0x1a5]						
2008/07/07	14:15:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/07	15:20:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	15:45:00.0	XRT_CTRL_MANU_428_OG [0x1ac]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/07/07	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]						
			AOCU_NM	5	02-76	00 00 00 00 00		
2008/07/07	18:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2008/07/07	18:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/07/07	18:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/07/07	18:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/07/07	18:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/07	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	18:10:00.0	XRT_CTRL_MANU_428_OG [0x1ac]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	18:10:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/07/07	18:10:22.0	XRT_QT_PROG_SET_409_OG [0x199]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2008/07/07	18:10:24.0	XRT_FLD_DIS_419_OG [0x1a3]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/07/07	18:10:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/07/07	18:10:28.0	XRT_ARS_DIS_422_OG [0x1a6]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/07/07	18:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/07	18:16:00.0	XRT_CTRL_MANU_428_OG [0x1ac]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	18:16:02.0	XRT_FOCUS_POSITION_401_OG [0x191]						
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/07/07	18:16:22.0	XRT_QT_PROG_SET_446_OG [0x1be]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2008/07/07	18:16:24.0	XRT_FLD_DIS_419_OG [0x1a3]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/07/07	18:16:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/07/07	18:16:28.0	XRT_ARS_DIS_422_OG [0x1a6]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/07/07	18:16:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/07	18:37:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	19:20:30.0	XRT_Custom_430_OG [0x1ae]						
2008/07/07	19:21:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/07	20:15:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	20:57:30.0	XRT_Custom_430_OG [0x1ae]						
2008/07/07	20:58:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/07	21:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	22:34:00.0	XRT_Custom_430_OG [0x1ae]						
2008/07/07	22:35:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/07	23:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/07	23:00:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/07/07	23:00:22.0	XRT_QT_PROG_SET_409_OG [0x199]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2008/07/07	23:00:24.0	XRT_FLD_DIS_419_OG [0x1a3]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/07/07	23:00:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/07/07	23:00:28.0	XRT_ARS_DIS_422_OG [0x1a6]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/07/07	23:00:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/07	23:20:00.0	XRT_CTRL_MANU_428_OG [0x1ac]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/08	05:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/08	05:29:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/07/08	05:30:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		

2008/07/08	05:30:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/08	05:30:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/08	05:30:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/08	05:32:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/08	05:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/08	05:40:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 b0 e6 00 00				
2008/07/08	10:57:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/08	10:58:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00 00				