

XRT Timeline to be uploaded on 2008/12/20

Period: 2008/12/20 10:03:00 - 2008/12/25 10:45:00

* * * * *

Normal mode

* * * * *

XOB #15E7: HOP81 - Al/poly, G-band - 16s - 384x384													
Term		Pointing (x, y)					Comment						
12/20 10:15:00 - 12/20 17:55:24		Fixed (0.0, -940.0)					# OP start + 10min, HOP 81, polar monitoring campaign.						
PROG= 18 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 1 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 94 30-time(s) 60.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1606: Synoptic Q95 2x2 - Al/poly(256/5795) + Dark cal(512 Q98) + Ti-poly(362/11571) + G-band(16)													
Term		Pointing (x, y)					Comment						
12/20 17:57:30 - 12/20 18:05:24		Fixed (0.0, 0.0)					synoptic, shifted -4.5 min						
12/21 17:45:30 - 12/21 17:53:30		Fixed (0.0, 0.0)					synoptic, shifted -16.5 min						
12/22 18:04:00 - 12/22 18:12:00		Fixed (0.0, 0.0)					synoptic, shifted 2.0 min						
PROG= 19 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 70 1-time(s) 4.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 57 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 16 1-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	11.3s	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 #15C7: Dither Pointing Q3 5x-ray-512x512_NO_GBAND-long_exposure													
Term		Pointing (x, y)					Comment						
12/20 18:08:30 - 12/20 18:14:54		Fixed (528.4, 528.4)					# XRT dither pointing, 1 of 3.						
12/20 18:18:00 - 12/20 18:24:54		Fixed (529.4, 538.7)					* 2 of 3.						
12/20 18:28:00 - 12/20 18:34:54		Fixed (530.5, 500.6)					* 3 of 3.						
PROG= 16 1-time(s)													
└─ Subr= 1 1-time(s) 30.0sec													
└─ Seqn= 34 1-time(s) 30.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	64.0s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
	C-poly/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	16.0s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	11.3s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	5.66s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1610: Hot Thermal Plasma Study-Ti/Poly, Thin-Be, Med-Be and Med-Al-768FOV-AEC4													
Term		Pointing (x, y)					Comment						
12/20 18:37:00 - 12/21 01:26:30		Fixed (0.0, 0.0)					* XRT hot thermal plasma study, disc-center fixed pointing.						
PROG= 20 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 30 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Dark	1.00s	Obs	2x2	768x768 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 19 5-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	16.0s	Obs	2x2	768x768 (1024, 1024)	Q=95	4	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	768x768 (1024, 1024)	Q=95	4	0	2.0sec
	med-Be/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	768x768 (1024, 1024)	Q=95	0	0	2.0sec
	med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	768x768 (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 #15D7: Synoptic Q95 2x2 - Al/mesh(362/5795) + Dark cal(362 Q98) + Ti-poly(512/11571) + G-band(16)													
Term		Pointing (x, y)					Comment						
12/21 05:43:00 - 12/21 05:51:00		Fixed (0.0, 0.0)					synoptic, shifted -19.0 min						
12/22 06:02:00 - 12/22 18:01:54		Fixed (0.0, 0.0)					synoptic						
12/23 06:26:30 - 12/25 10:45:00		Fixed (0.0, 0.0)					synoptic, shifted 20.5 min						
PROG= 04 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 29 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Seqn= 57		1-time(s)		2.0sec											
	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec	
Seqn= 4		1-time(s)		4.0sec											
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec	
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 92		1-time(s)		2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec	
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval		

XOB #1619: Al/poly (AEC4) + Ti/poly (AEC4) + Thin-Be (AEC4) - 3-min cadence - FOV512 - Q95

Term	Pointing (x, y)	Comment
12/21 05:53:08 - 12/21 17:43:24	Track (-243.2, -11.2) @ 12/21 05:51:00	# XBP tracking for XRT, and SOT cancelation study, together with EIS.
12/21 17:55:38 - 12/22 05:59:54	Track (-131.0, -9.5) @ 12/21 17:53:30	# Cont.
12/22 18:14:08 - 12/23 06:20:24	Track (99.4, -7.2) @ 12/22 18:12:00	# XBP tracking.

PROG= 03 Inf.-time(s)

Subr= 1		1-time(s)		180.0sec											
Seqn= 63		3-time(s)		180.0sec											
	Al-poly/Open	C-poly/Open	close	Safe	Norm	8.00s	Obs	1x1	512x512	(1024, 1024)	Q=95	4	0	2.0sec	
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	512x512	(1024, 1024)	Q=95	4	0	2.0sec	
Subr= 2		1-time(s)		8.0sec											
Seqn= 93		2-time(s)		4.0sec											
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	512x512	(1024, 1024)	Q=95	4	0	2.0sec	
Seqn= 10		1-time(s)		4.0sec											
	thin-Be/Open	thin-Be/Open	close	Safe	Dark	22.6s	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		

```

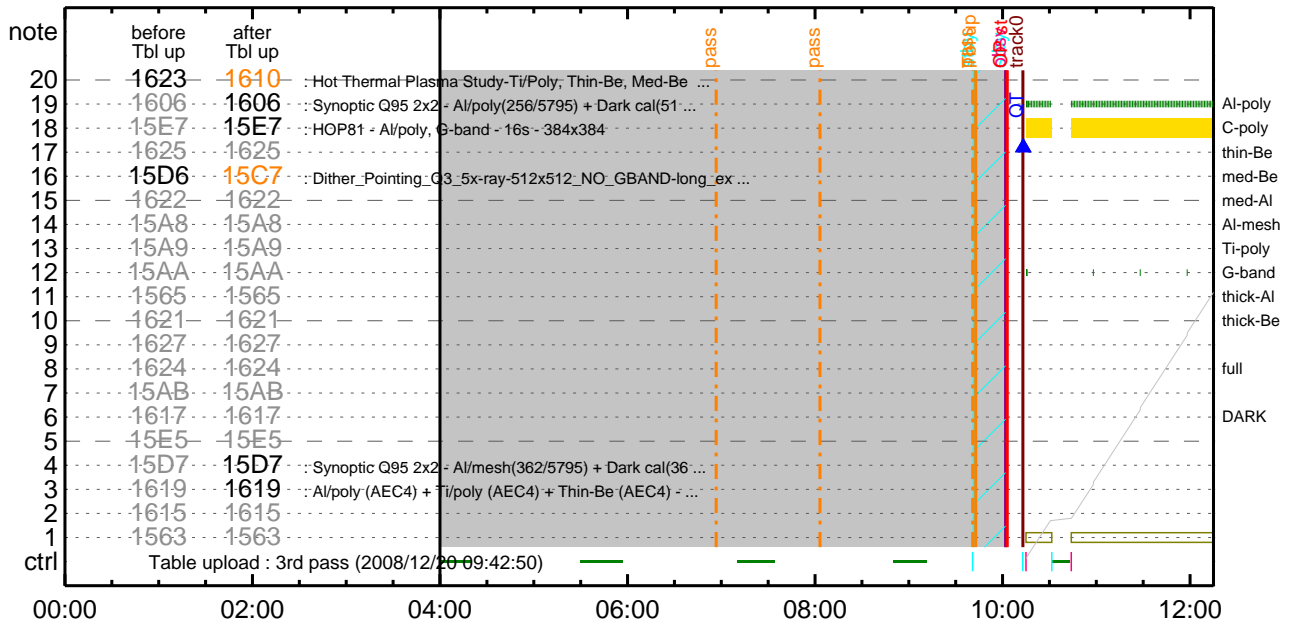
* * * * *
                                Flare mode
                                NOT USED
                                * * * * *

* * * * *
                                Active Region Search
                                NOT USED
                                * * * * *

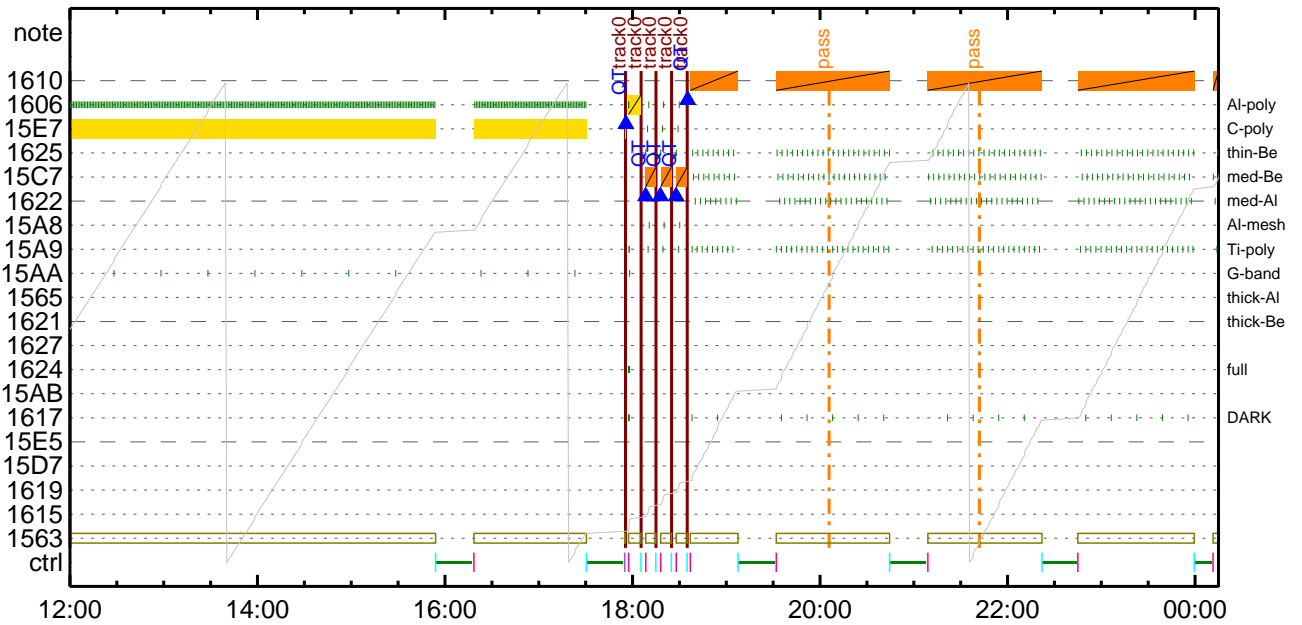
* * * * *
                                Flare Detection
                                NOT USED
                                * * * * *

```

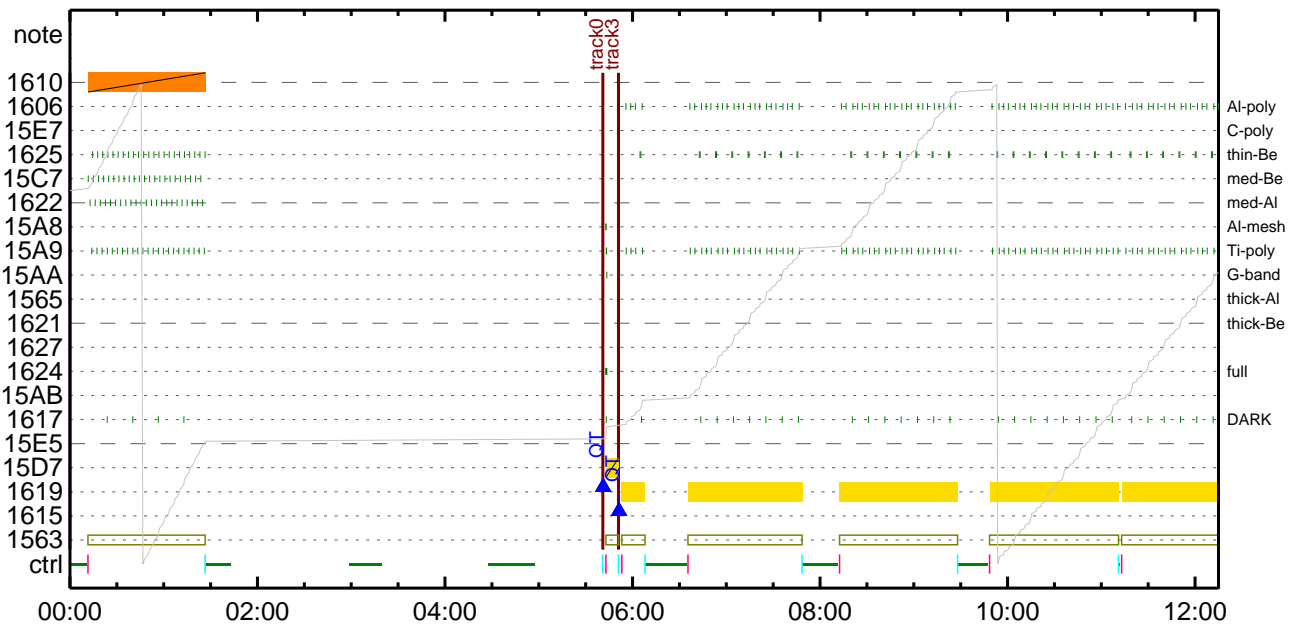
CMDI #0307 2008/12/20



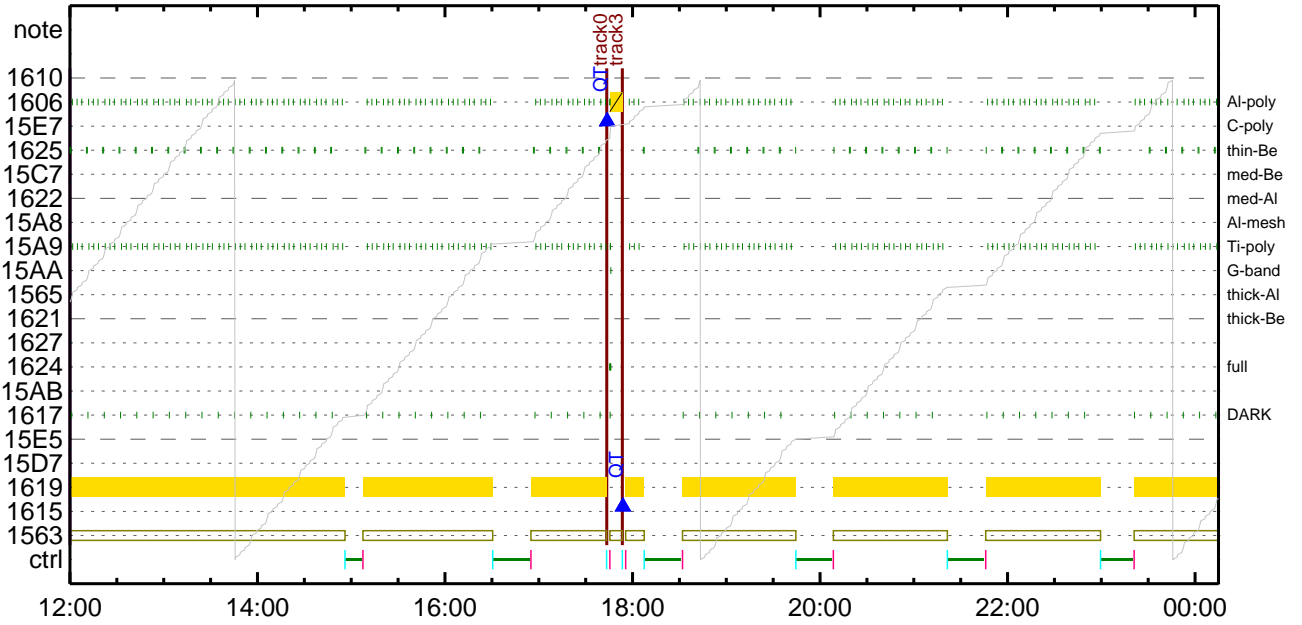
CMDI #0307 2008/12/20



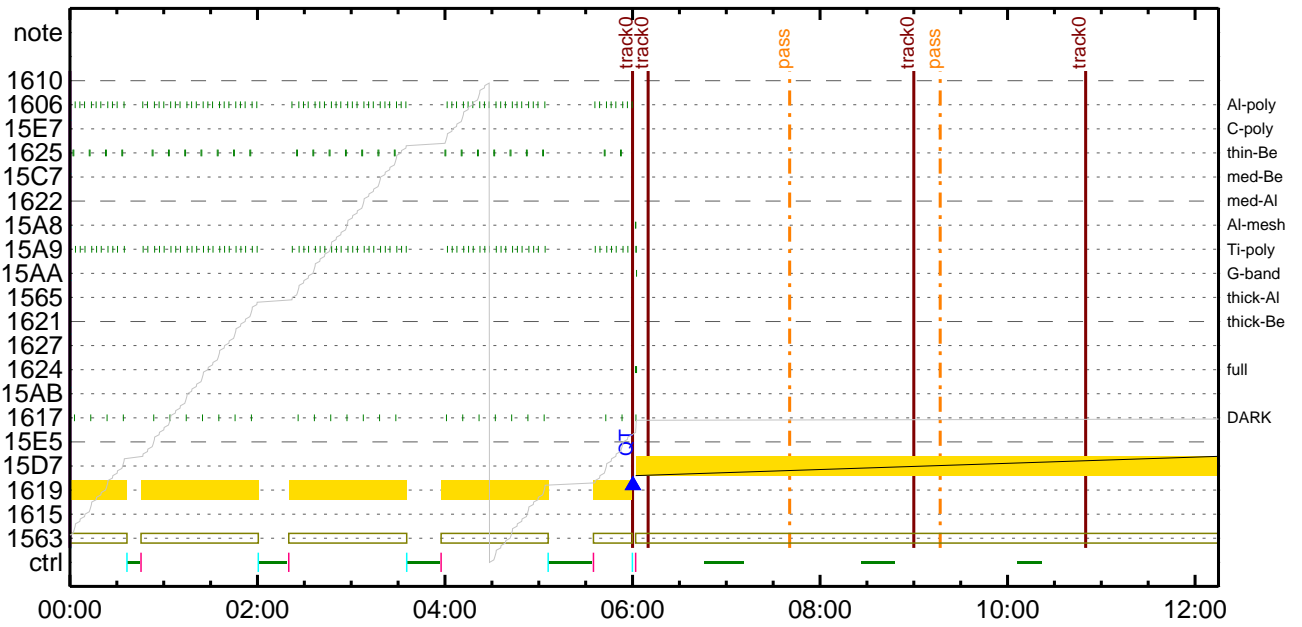
CMDI #0307 2008/12/21



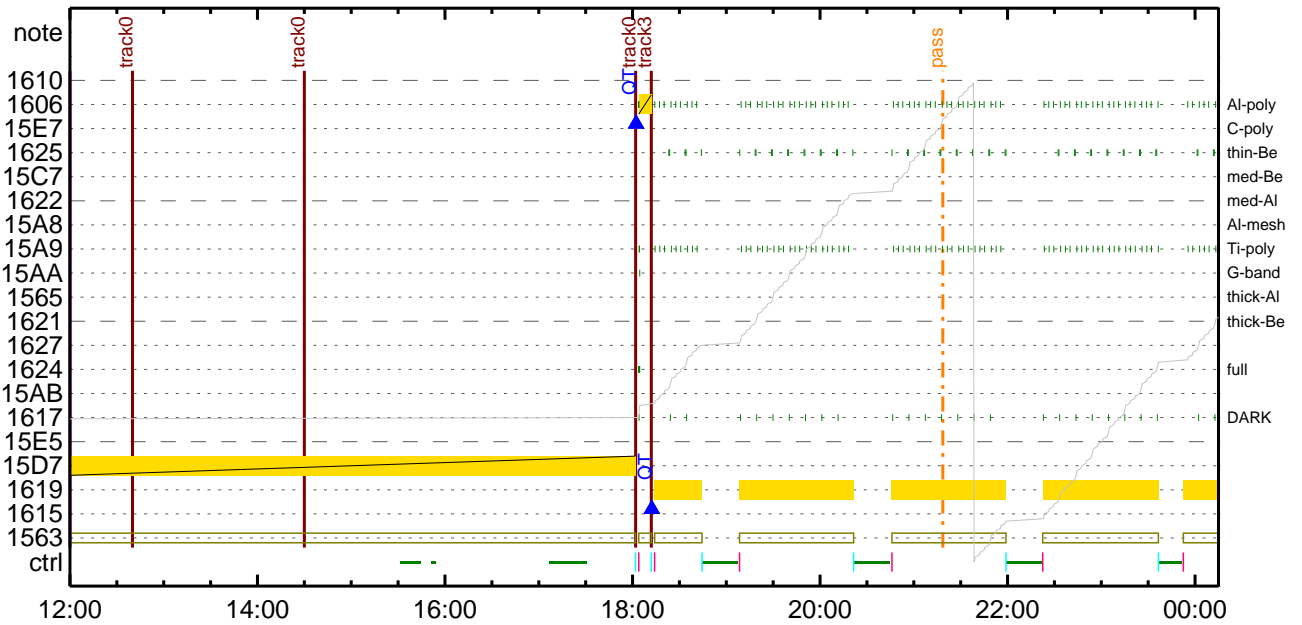
CMDI #0307 2008/12/21



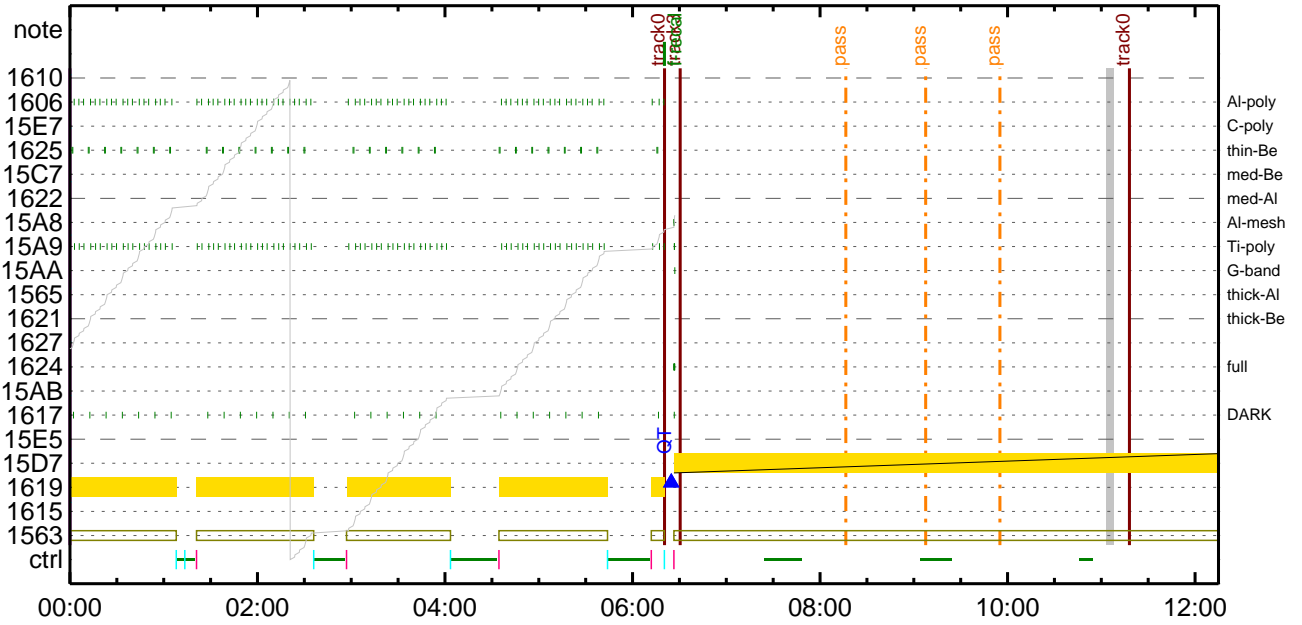
CMDI #0307 2008/12/22



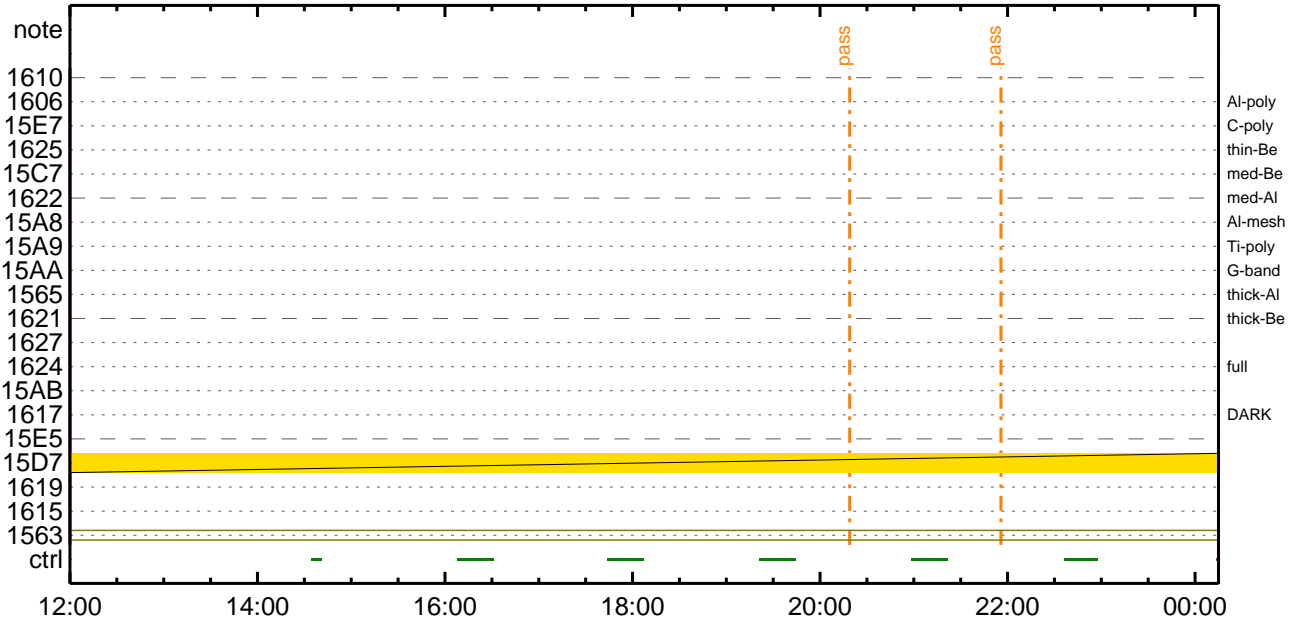
CMDI #0307 2008/12/22



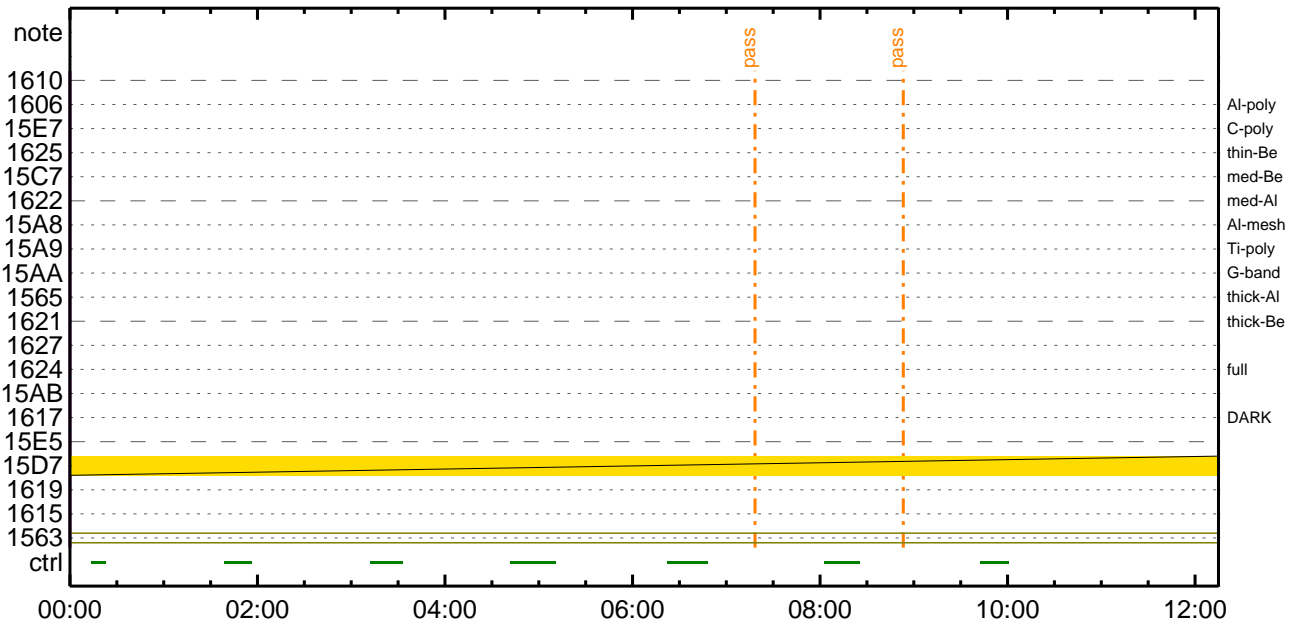
CMDI #0307 2008/12/23



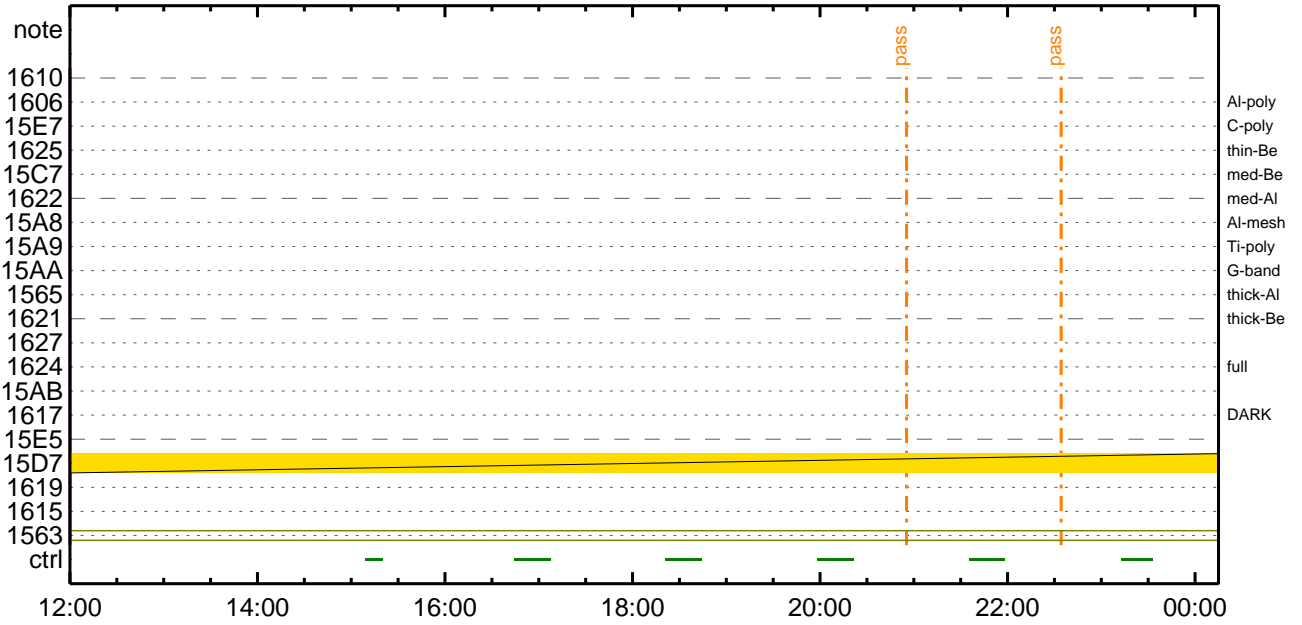
CMDI #0307 2008/12/23



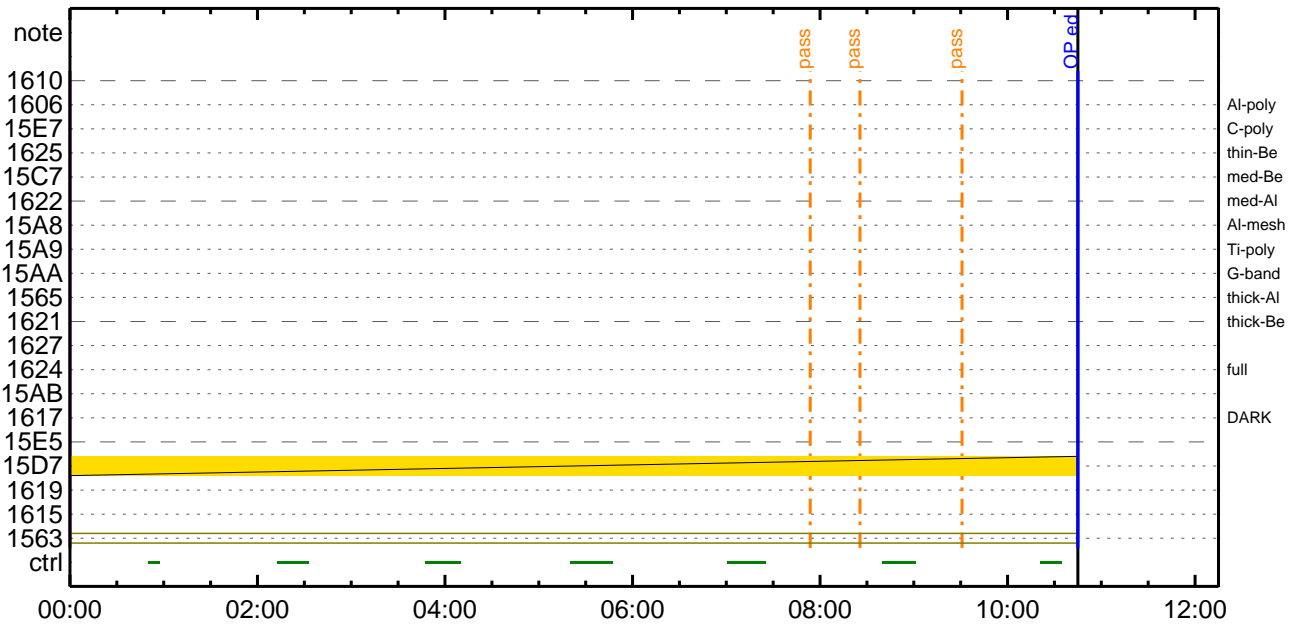
CMDI #0307 2008/12/24



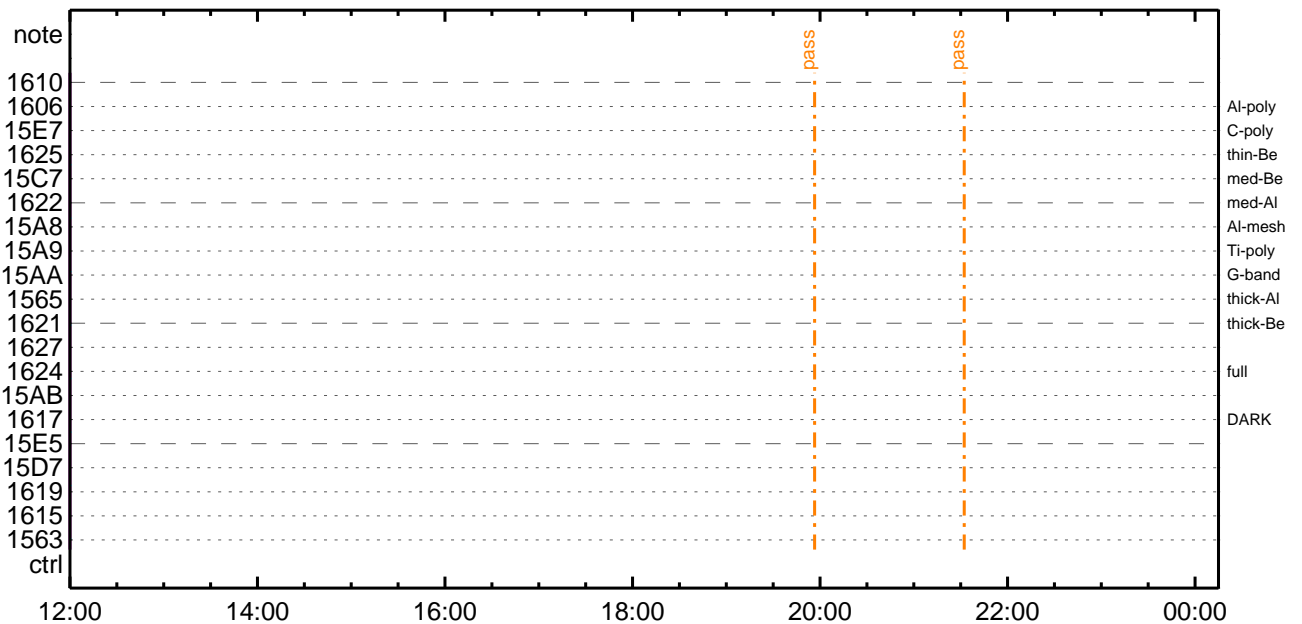
CMDI #0307 2008/12/24



CMDI #0307 2008/12/25



CMDI #0307 2008/12/25



(a) Spacecraft Operation Procedure (real-commands)

```
main-305 2008-12-20 12:16:21 205 33 SOLAR-B MAIN //
0001  C.
0002  . C. ***** AOS *****
0003  C.
0004  . C. ;ãAOSYÅY$YÅY~¼Å»Û;ä
0005  C.
0006  C. YÅY£;¼Y³YF¥6YÉA+¿©
0007 +. DC 00-00 NULL_DUMMY_CMD
0008  C.
0009  . C. ***** AOCs : Reload orbital element (send every contact) *****
0010  C. Åí;Ëø¿øAø•μ°Ë»Í×ÁÇøÍYçYÅY×Yí;¼YÉ;ËËè¾μ•íÉ;ËøÈ¼°ÇÖø•ø¿¼l¹çøÍ;çÀ®, ùø¹øèøøøÇÁ+¿©ø•øÈøøøøøøË;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012  C.
0013  C.
0014  . C. *****
0015  C. OP/OGYí;¼YÉ; | YÅY6Y×
0016  C. *****
0017  C.
0018  . C. ;ãOP/OGYí;¼YÉ;ä
0019  . S. OP      op-305:OP
0020  ()
0021  . S. OG      og-305:OG
0022  ()
0023  C.
0024  . C. ;ãNMOG&OPÎ°èYÅY6Y×;ä
0025  C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027  BC      (20 00 7f 01 02)
0028  C.              çç[HK1_DMP_TOP_ADRS_1]           EQ      40
0029  C.              çç[HK1_DMP_TOP_ADRS_0]           EQ      0
0030  C.              çç[HK1_DMP_BLOCK_NUM]            EQ     127
0031  C.              çç[HK1_DMP_REPEAT_NUM]          EQ      0
0032  C.              çç[HK1_DMA_DMP_PIM]             EQ     DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034  BC      (07 0b f8)
0035  C.              çç[HK1_PKT_FORM_NO]             EQ      7
0036  C.              çç[HK1_PKT_GEN_TIME]             EQ     0.25 s
0037  C.              çç[HK1_S_TLM_BIT_RATE]           EQ     32k
0038  C.              çç[HK1_X_TLM_BIT_RATE]           EQ     4M
0039  C.              çç[HK1_DMP_CHK_FLG]              EQ     EXEC
0040  . C. YÅY6Y×¾ª Í»ðð³ÍÇ§
0041  C.              çç[HK1_DMP_CHK_FLG]             EQ     NON
0042  . C. RAM ID=NMOGøÍ¾É¹ç•è²ÍOKøð³ÍÇ§
0043  C.
0044  C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046  BC      (20 80 7f 01 02)
0047  C.              çç[HK1_DMP_TOP_ADRS_1]           EQ     41
0048  C.              çç[HK1_DMP_TOP_ADRS_0]           EQ      0
0049  C.              çç[HK1_DMP_BLOCK_NUM]            EQ     127
0050  C.              çç[HK1_DMP_REPEAT_NUM]          EQ      0
0051  C.              çç[HK1_DMA_DMP_PIM]             EQ     DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053  BC      (07 0b f8)
0054  C.              çç[HK1_PKT_FORM_NO]             EQ      7
0055  C.              çç[HK1_PKT_GEN_TIME]             EQ     0.25 s
0056  C.              çç[HK1_S_TLM_BIT_RATE]           EQ     32k
0057  C.              çç[HK1_X_TLM_BIT_RATE]           EQ     4M
0058  C.              çç[HK1_DMP_CHK_FLG]              EQ     EXEC
0059  . C. YÅY6Y×¾ª Í»ðð³ÍÇ§
0060  C.              çç[HK1_DMP_CHK_FLG]             EQ     NON
0061  . C. RAM ID=NMOGøÍ¾É¹ç•è²ÍOKøð³ÍÇ§
0062  C.
0063  C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065  BC      (21 00 41 01 02)
0066  C.              çç[HK1_DMP_TOP_ADRS_1]           EQ     42
0067  C.              çç[HK1_DMP_TOP_ADRS_0]           EQ      0
0068  C.              çç[HK1_DMP_BLOCK_NUM]            EQ     65
0069  C.              çç[HK1_DMP_REPEAT_NUM]          EQ      0
0070  C.              çç[HK1_DMA_DMP_PIM]             EQ     DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072  BC      (07 0b f8)
0073  C.              çç[HK1_PKT_FORM_NO]             EQ      7
0074  C.              çç[HK1_PKT_GEN_TIME]             EQ     0.25 s
0075  C.              çç[HK1_S_TLM_BIT_RATE]           EQ     32k
0076  C.              çç[HK1_X_TLM_BIT_RATE]           EQ     4M
0077  C.              çç[HK1_DMP_CHK_FLG]              EQ     EXEC
0078  . C. YÅY6Y×¾ª Í»ðð³ÍÇ§
0079  C.              çç[HK1_DMP_CHK_FLG]             EQ     NON
0080  . C. RAM ID=NMOG,RAM ID=OPøÍ¾É¹ç•è²ÍOKøð³ÍÇ§
0081  C.
0082  . C. ***** øÈ²¼øÍ¾Å´¶A°øÈÈ¬øA+¿© (¾åμ-YÅY6Y×¾¼ø¿øðAÖAøÇ¾ªøµ¬ø¼ø¿øøøø) *****
0083  C. DHUYå;¼YÉ;ËY¼;Yí;¼YÉ;ËøðÍåø¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085  BC      (02 0a f8)
0086  C.              çç[HK1_PKT_FORM_NO]             EQ      2
0087  C.              çç[HK1_PKT_GEN_TIME]             EQ     0.5S
0088  C.              çç[HK1_S_TLM_BIT_RATE]           EQ     32K
0089  C.              çç[HK1_X_TLM_BIT_RATE]           EQ     4M
0090  C.
0091  . C. *****
0092  C. TI-CMD SET (OPOG STOP/COPY/START)
0093  C. *****
0094  C.
0095  . C. NOTICE  |§ OPOG UPLOADø¬Å+¿©NGøÍ¾É¹ç;çøÈ²¼øÍTI-CMDÅ+¿©øøÍ¾Å¹ÔøøøøøøøË;f
```



```
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.
```



```

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-266: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-289: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 2008-12-20 10:02:18.0
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 85 83 06 06)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 07 80 80 20 20)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 08 60 60 08 08)
0180 + DC 07-F0 MDP_XRT_ROI_SET
0181 BC (cd 09 80 80 0c 0c)
0182 + DC 07-F0 MDP_XRT_ROI_SET
0183 BC (cd 0a 80 80 08 08)
0184 + DC 07-F0 MDP_XRT_ROI_SET
0185 BC (cd 0f 80 80 04 04)
0186 + DC 07-F0 MDP_XRT_ROI_SET
0187 BC (cd 10 80 80 10 10)
0188 . C. ----- Success Verify ? OK / NG ____
0189 C.
0190 C.
0191 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0192 C.
0193 +. TI 2008-12-20 10:02:02.0

```

```
0194 DC 07-F0 MDP_XRT_MODE_OBSV
0195 BC (c2)
0196 . C. ----- Success Verify ? OK / NG ____
0197 C.
0198 C. ***** XRT END *****
0199 C.
0200 . C. ***** MDP `úÃîñî»ò¼ŷñÊÂðñ¹ñèDCBC•x²è *****
0201 C. (¼á°îŷÓŷÃŷÈŷŲŷËŷáŷçŷèñÊ¼ñ¼Ã»Ûñ¹ñè)
0202 . S. DC-BC dcbc-402:DCBC
0203 (MDP_known_event)
0204 C.
0205 C.
0206 . C. ***** ŷDŷ¹•Ï Daily±¿ÍÑñÊ´Øñ¹ñèDCBC•x²è *****
0207 . S. DC-BC dcbc-153:DCBC
0208 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0209 C.
0210 C.
0211 . C. ¡ãLOSŷÁŷSŷÃŷ¬¼Ã»Ûñ¹ñè
0212 C.
0213 . C. ***** LOS *****
0214 C.
```

Dec 20, 08 12:17

XRT_OGLIST_0307.chk

Page 1/5

*** OP Sequence for XRT ***

2008/12/20	10:12:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	10:12:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/12/20	10:13:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 53 8d 00 00				
2008/12/20	10:13:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2008/12/20	10:14:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/20	10:14:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/20	10:14:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/20	10:15:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	10:31:30.5	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	10:43:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/20	10:44:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	15:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	16:17:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/20	16:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	17:30:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	17:54:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/20	17:55:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	17:55:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	17:55:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/20	17:55:30.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/12/20	17:55:46.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2008/12/20	17:55:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/20	17:55:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/20	17:55:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/20	17:57:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	18:05:24.0	XRT_CTRL_MANU_410_OG [0x19a]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	18:05:30.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 d1 07 d1 07				
2008/12/20	18:08:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/20	18:08:22.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/12/20	18:08:24.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/20	18:08:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/20	18:08:28.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/20	18:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	18:14:54.0	XRT_CTRL_MANU_410_OG [0x19a]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	18:15:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 d0 21 d0 ee				
2008/12/20	18:17:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/20	18:17:52.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/12/20	18:17:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/20	18:17:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/20	18:17:58.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/20	18:18:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	18:24:54.0	XRT_CTRL_MANU_410_OG [0x19a]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	18:25:00.0	AOCS_OrE-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 d3 7d d0 d5				
2008/12/20	18:27:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/20	18:27:52.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/12/20	18:27:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/20	18:27:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				

Dec 20, 08 12:17

XRT_OGLIST_0307.chk

Page 2/5

2008/12/20	18:27:58.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/20	18:28:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	18:34:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	18:34:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/20	18:35:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/12/20	18:35:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2008/12/20	18:36:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/20	18:36:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/20	18:36:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/20	18:37:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	19:07:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	19:31:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/20	19:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	20:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	21:08:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/20	21:09:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	22:22:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/20	22:44:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/20	22:45:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/20	23:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	00:10:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	00:11:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	01:26:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	05:40:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	05:40:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/21	05:41:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/12/21	05:41:16.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2008/12/21	05:41:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/21	05:41:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/21	05:41:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/21	05:43:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	05:51:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2008/12/21	05:51:00.5	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	05:51:02.5	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/12/21	05:51:22.5	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2008/12/21	05:53:00.5	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/12/21	05:53:02.5	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/21	05:53:04.5	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/21	05:53:06.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/21	05:53:08.5	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	06:08:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	06:34:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	06:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	07:48:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	08:11:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	08:12:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	09:28:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	09:47:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	09:48:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	11:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

Dec 20, 08 12:17

XRT_OGLIST_0307.chk

Page 3/5

2008/12/21	11:12:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	11:13:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	14:56:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	15:06:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	15:07:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	16:30:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	16:54:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	16:55:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	17:43:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	17:43:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/21	17:43:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/12/21	17:43:46.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2008/12/21	17:43:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/21	17:43:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/21	17:43:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/21	17:45:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	17:53:30.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2008/12/21	17:53:30.5	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	17:53:32.5	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/12/21	17:53:52.5	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2008/12/21	17:55:30.5	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/12/21	17:55:32.5	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/21	17:55:34.5	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/21	17:55:36.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/21	17:55:38.5	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	18:07:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	18:31:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	18:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	19:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	20:07:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	20:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	21:21:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	21:45:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	21:46:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/21	22:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/21	23:20:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/21	23:21:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/22	00:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/22	00:44:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/22	00:45:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/22	02:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/22	02:19:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/22	02:20:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/22	03:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/22	03:56:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/22	03:57:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/22	05:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/22	05:34:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/22	05:35:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/22	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/22	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/22	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				

Dec 20, 08 12:17

XRT_OGLIST_0307.chk

Page 4/5

2008/12/22	06:00:16.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2008/12/22	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/12/22	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/12/22	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/12/22	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/22	06:10:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 00 00	b4 73
2008/12/22	09:00:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 00 00	d8 00
2008/12/22	10:50:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00	00 00
2008/12/22	12:40:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 00 00	28 00
2008/12/22	14:30:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 00 00	4b 8d
2008/12/22	18:01:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/22	18:01:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2008/12/22	18:02:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00	00 00
2008/12/22	18:02:16.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2008/12/22	18:02:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/12/22	18:02:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/12/22	18:02:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/12/22	18:04:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/22	18:12:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	03 00 00	00 00
2008/12/22	18:12:00.5	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/22	18:12:02.5	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2008/12/22	18:12:22.5	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2008/12/22	18:14:00.5	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2008/12/22	18:14:02.5	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/12/22	18:14:04.5	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/12/22	18:14:06.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/12/22	18:14:08.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/22	18:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/22	19:07:30.0	XRT_Custom_430_OG [0x1ae]					
2008/12/22	19:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/22	20:21:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/22	20:45:00.0	XRT_Custom_430_OG [0x1ae]					
2008/12/22	20:46:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/22	21:59:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/22	22:21:30.0	XRT_Custom_430_OG [0x1ae]					
2008/12/22	22:22:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/22	23:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/22	23:51:30.0	XRT_Custom_430_OG [0x1ae]					
2008/12/22	23:52:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/23	01:08:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/23	01:13:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/23	01:20:00.0	XRT_Custom_430_OG [0x1ae]					
2008/12/23	01:21:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/23	02:36:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/23	02:56:00.0	XRT_Custom_430_OG [0x1ae]					
2008/12/23	02:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/23	04:03:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/12/23	04:33:30.0	XRT_Custom_430_OG [0x1ae]					
2008/12/23	04:34:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/12/23	05:44:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

Dec 20, 08 12:17

XRT_OGLIST_0307.chk

Page 5/5

2008/12/23	06:11:00.0	XRT_Custom_430_OG [0x1ae]			
2008/12/23	06:12:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/23	06:20:24.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/23	06:20:26.0	XRT_FOCUS_RECALIBRATE_448_OG [0x1c0]			
		XRT_FOCUS_RECAL	2	07-F8	78 00
2008/12/23	06:20:30.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2008/12/23	06:24:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/23	06:24:46.0	XRT_QT_PROG_SET_413_OG [0x19d]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2008/12/23	06:24:48.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/23	06:24:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/23	06:24:52.0	XRT_ARS_DIS_427_OG [0x1ab]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/23	06:26:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/23	06:30:30.0	AOCS_ORe-point_Start_6_OG [0x09c]			
		AOCU_NM	5	02-76	03 00 00 00 00
2008/12/23	11:18:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00