

# XRT Timeline to be uploaded on 2010/09/25

Period: 2010/09/25 10:19:00 - 2010/09/30 10:07:00

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Normal mode

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<b>XOB #1813: AR Standard-B(Morphology) with PFB FW1=Open Ti/Poly 384x384 at 1064 1048-30sec-cad</b>											
Term	Pointing (x, y)		Comment								
09/25 10:32:00 - 09/25 12:01:00	Track ( -592.2, 276.6) <sup>Ⓜ 09/25 10:29:00</sup>		# OP start + 10min, HOP 166, cont., until 12 UT; Track AR 11109.								
09/26 07:45:30 - 09/26 12:05:00	Track ( -459.9, 265.3) <sup>Ⓜ 09/26 06:05:30</sup>		# Track AR 11109, with HOP 126 (chromospheric jets) over 7:45 - 9:00 UT, and 166 (vector)								
09/27 07:42:01 - 09/27 12:05:00	Track ( -274.4, 255.8) <sup>Ⓜ 09/27 06:23:30</sup>		# AR 11109, with HOPs 126 and 166 with above timings.								
<b>PROG= 11 Inf.-time(s)</b>											
└─ Subr= 2 1-time(s) 2.0sec											
└─ Seqn= 19 1-time(s) 2.0sec											
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0 0 2.0sec
└─ Seqn= 20 4-time(s) 2.0sec											
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
└─ Subr= 1 1-time(s) 2.0sec											
└─ Seqn= 71 90-time(s) 30.0sec											
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 1 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 2 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 3 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer Interval

<b>XOB #181B: QS waves - Ti/poly 5.8s, G-band - 384x384-AEC0-ROI centered-40 sec-Q90</b>											
Term	Pointing (x, y)		Comment								
09/25 15:03:00 - 09/25 18:00:30	Track ( -6.4, -215.1) <sup>Ⓜ 09/25 15:00:00</sup>		* HOP 169, MHD waves.								
09/26 14:33:00 - 09/26 17:00:00	Track ( 209.4, -211.8) <sup>Ⓜ 09/26 14:30:00</sup>		* HOP 169.								
09/27 14:35:30 - 09/27 17:36:30	Track ( -11.0, -215.0) <sup>Ⓜ 09/27 14:30:00</sup>		* HOP 169, tracking near disk center.								
<b>PROG= 05 Inf.-time(s)</b>											
└─ Subr= 1 1-time(s) 2.0sec											
└─ Seqn= 23 1-time(s) 2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=90	0 0 2.0sec
└─ Subr= 2 40-time(s) 2.0sec											
└─ Seqn= 73 1-time(s) 40.0sec											
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1024, 1024)	Q=90	0 0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer Interval

<b>XOB #17B9: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + G-band(16)</b>											
Term	Pointing (x, y)		Comment								
09/25 18:26:30 - 09/25 18:33:24	Fixed ( 0.0, 0.0)		synoptic, shifted 23.5 min								
09/26 05:58:30 - 09/26 06:05:24	Fixed ( 0.0, 0.0)		synoptic, shifted -4.5 min								
09/26 18:03:00 - 09/26 18:09:54	Fixed ( 0.0, 0.0)		synoptic								
09/27 06:16:30 - 09/27 06:23:24	Fixed ( 0.0, 0.0)		synoptic, shifted 13.5 min								
09/27 18:03:00 - 09/27 18:09:54	Fixed ( 0.0, 0.0)		synoptic								
09/28 05:50:00 - 09/28 06:15:00	Fixed ( 0.0, 0.0)		synoptic, shifted -13.0 min								
<b>PROG= 03 1-time(s)</b>											
└─ Subr= 1 1-time(s) 12.0sec											
└─ Seqn= 7 1-time(s) 4.0sec											
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0 0 2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0 0 2.0sec
└─ Seqn= 5 1-time(s) 2.0sec											
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0 0 2.0sec
└─ Seqn= 8 1-time(s) 4.0sec											
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0 0 2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0 0 2.0sec
└─ Seqn= 4 1-time(s) 2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0 0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer Interval

<b>XOB #1818: HOP101 - Ti/poly 5.8s, G-band - 512x512-AEC0-ROI centered-60 sec</b>											
Term	Pointing (x, y)		Comment								
09/25 20:01:30 - 09/26 02:33:21	Fixed ( -11.0, 890.0)		# HOP 101, N pole helioswismology, and HOP 175 (EIS), polar hole waves.								
09/26 18:13:00 - 09/27 02:28:00	Fixed ( -11.0, 890.0)		# HOPs 101 and 175, N pole.								
09/27 18:17:00 - 09/28 02:09:30	Fixed ( -11.0, 890.0)		# HOPs 101 and 175, N pole.								
<b>PROG= 20 Inf.-time(s)</b>											
└─ Subr= 1 1-time(s) 2.0sec											
└─ Seqn= 23 1-time(s) 2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=90	0 0 2.0sec
└─ Subr= 2 15-time(s) 2.0sec											

Seqn= 58	2-time(s)	60.0sec																		
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	5.66s	Obs	1x1	512x512 (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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#### XOB #1817: Flare Obs for use with Ti-poly 1x1 PFB images (FW1=Open)

Term	Pointing (x, y)	Comment
09/25 10:32:00 - 09/25 12:01:00	Track ( -592.2, 276.6) <sup>® 09/25 10:29:00</sup>	# OP start + 10min, HOP 166, cont., until 12 UT; Track AR 11109.
09/26 07:45:30 - 09/26 12:05:00	Track ( -459.9, 265.3) <sup>® 09/26 06:05:30</sup>	# Track AR 11109, with HOP 126 (chromospheric jets) over 7:45 - 9:00 UT, and 166 (vector
09/27 07:42:01 - 09/27 12:05:00	Track ( -274.4, 255.8) <sup>® 09/27 06:23:30</sup>	# AR 11109, with HOPs 126 and 166 with above timings.

#### PROG= 01 1-time(s)

Subr= 1	2-time(s)	620.0sec																		
Seqn= 67	30-time(s)	20.0sec																		
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Seqn= 90	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec								
Subr= 2	8-time(s)	600.0sec																		
Seqn= 67	5-time(s)	120.0sec																		
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Seqn= 90	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec								
Subr= 3	1-time(s)	2.0sec																		
Seqn= 89	40-time(s)	600.0sec																		
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec								
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec								
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	1.00s	Obs	1x1	384x384 (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 #1811: Flare Standard Obs. with eruptions mode-A (FW1=Open) - updated

Term	Pointing (x, y)	Comment
09/25 15:03:00 - 09/25 18:00:30	Track ( -6.4, -215.1) <sup>® 09/25 15:00:00</sup>	* HOP 169, MHD waves.
09/25 20:01:30 - 09/26 02:33:21	Fixed ( -11.0, 890.0)	# HOP 101, N pole helioswismology, and HOP 175 (EIS), polar hole waves.
09/26 14:33:00 - 09/26 17:00:00	Track ( 209.4, -211.8) <sup>® 09/26 14:30:00</sup>	* HOP 169.
09/26 18:13:00 - 09/27 02:28:00	Fixed ( -11.0, 890.0)	# HOPs 101 and 175, N pole.
09/27 14:35:30 - 09/27 17:36:30	Track ( -11.0, -215.0) <sup>® 09/27 14:30:00</sup>	* HOP 169, tracking near disk center.
09/27 18:17:00 - 09/28 02:09:30	Fixed ( -11.0, 890.0)	# HOPs 101 and 175, N pole.

#### PROG= 06 1-time(s)

Subr= 1	2-time(s)	620.0sec																		
Seqn= 70	30-time(s)	20.0sec																		
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec								
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Seqn= 90	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec								
Subr= 2	8-time(s)	600.0sec																		
Seqn= 70	5-time(s)	120.0sec																		
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec								
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec								
Seqn= 90	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec								
Subr= 3	1-time(s)	2.0sec																		
Seqn= 89	40-time(s)	600.0sec																		
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec								
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec								
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	1.00s	Obs	1x1	384x384 (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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### Active Region Search

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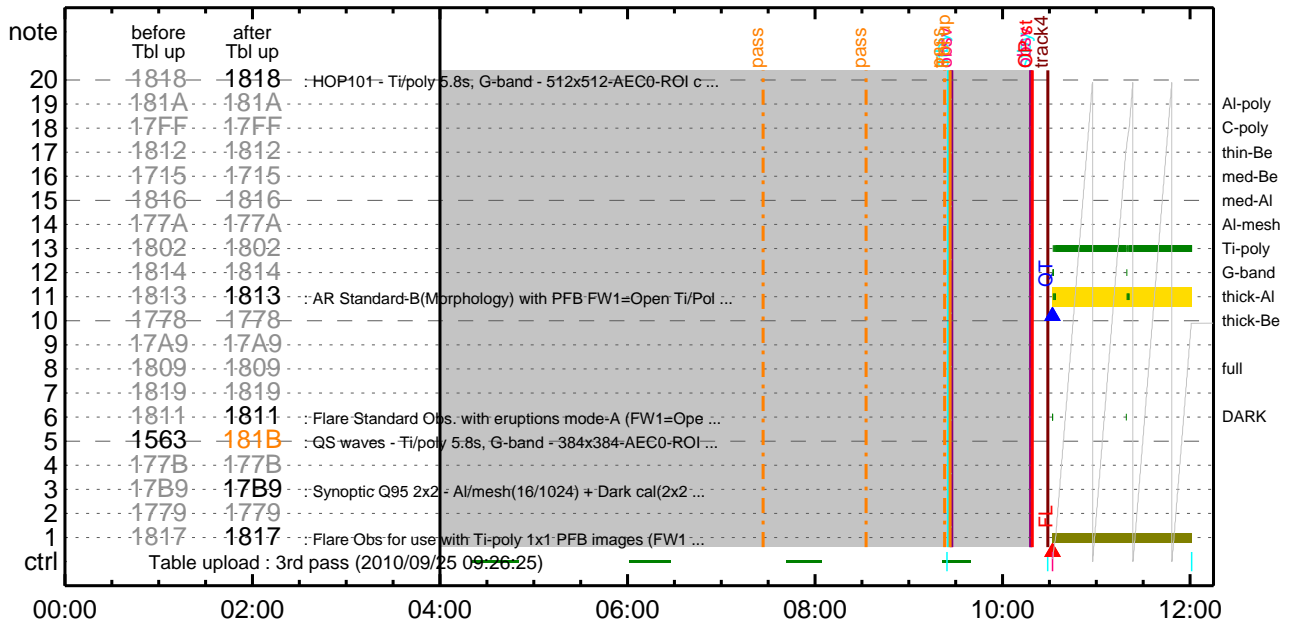
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Flare Detection

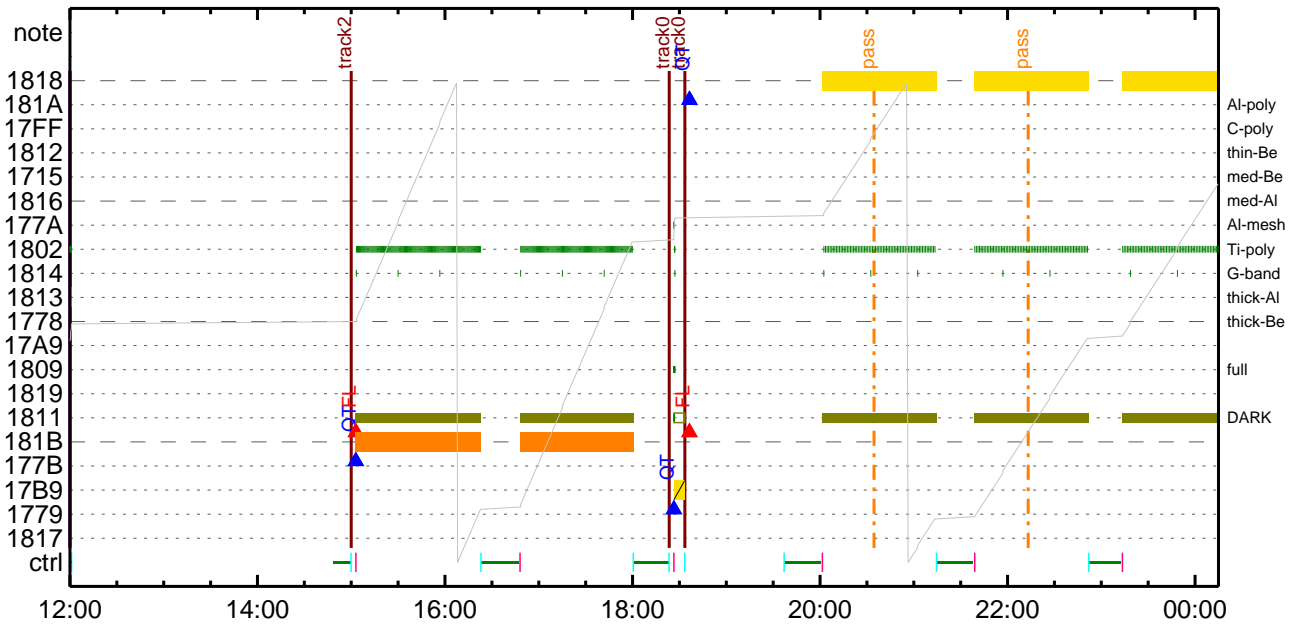
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FLD Patrol											
Term		Pointing (x, y)					Comment				
09/25 10:29:16 - 09/25 18:23:46	Track ( -592.2, 276.6)				<sup>Ⓢ</sup> 09/25 10:29:00	# OP start + 10min, HOP 166, cont., until 12 UT; Track AR 11109.					
09/25 18:33:46 - 09/26 05:55:46	Fixed ( -11.0, 890.0)					# HOP 101, N pole helioswismology, and HOP 175 (EIS), polar hole waves.					
09/26 06:05:46 - 09/26 18:00:16	Track ( -459.9, 265.3)				<sup>Ⓢ</sup> 09/26 06:05:30	# Track AR 11109, with HOP 126 (chromospheric jets) over 7:45 - 9:00 UT, and 166 (vector					
09/26 18:10:16 - 09/27 06:13:46	Fixed ( -11.0, 890.0)					# HOPs 101 and 175, N pole.					
09/27 06:23:46 - 09/27 18:00:16	Track ( -274.4, 255.8)				<sup>Ⓢ</sup> 09/27 06:23:30	# AR 11109, with HOPs 126 and 166 with above timings.					
09/27 18:14:16 - 09/28 05:47:16	Fixed ( -11.0, 890.0)					# HOPs 101 and 175, N pole.					
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8	Q=50		30sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval	

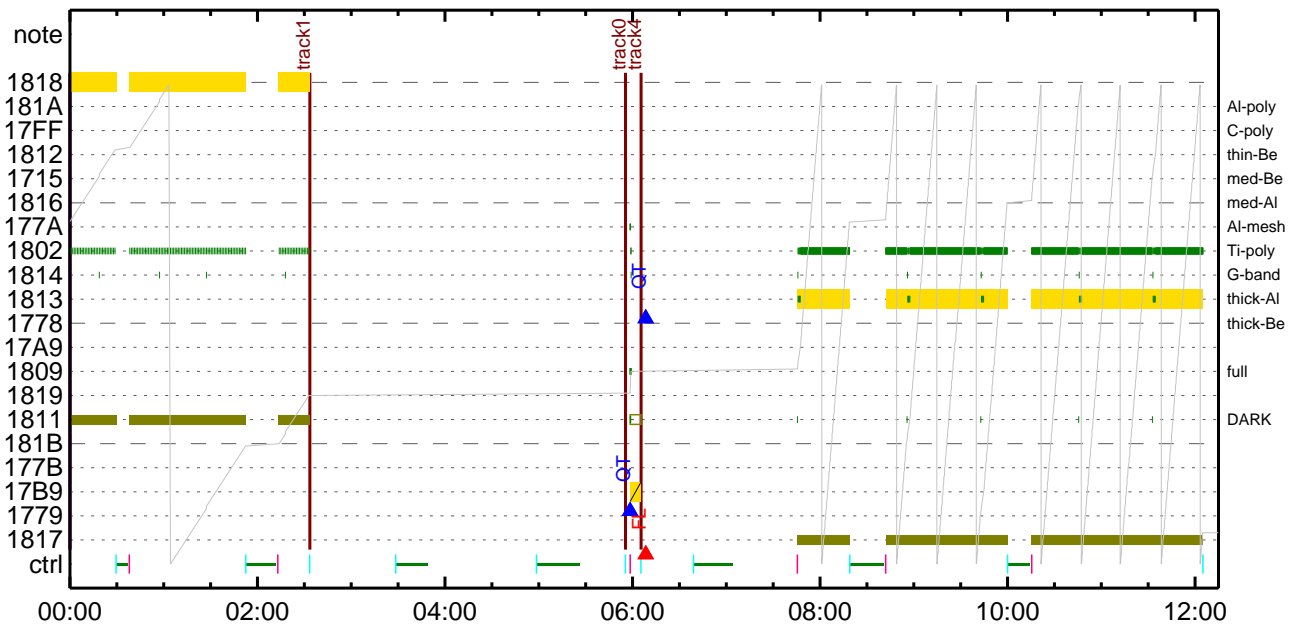
### CMDI #0507 2010/09/25



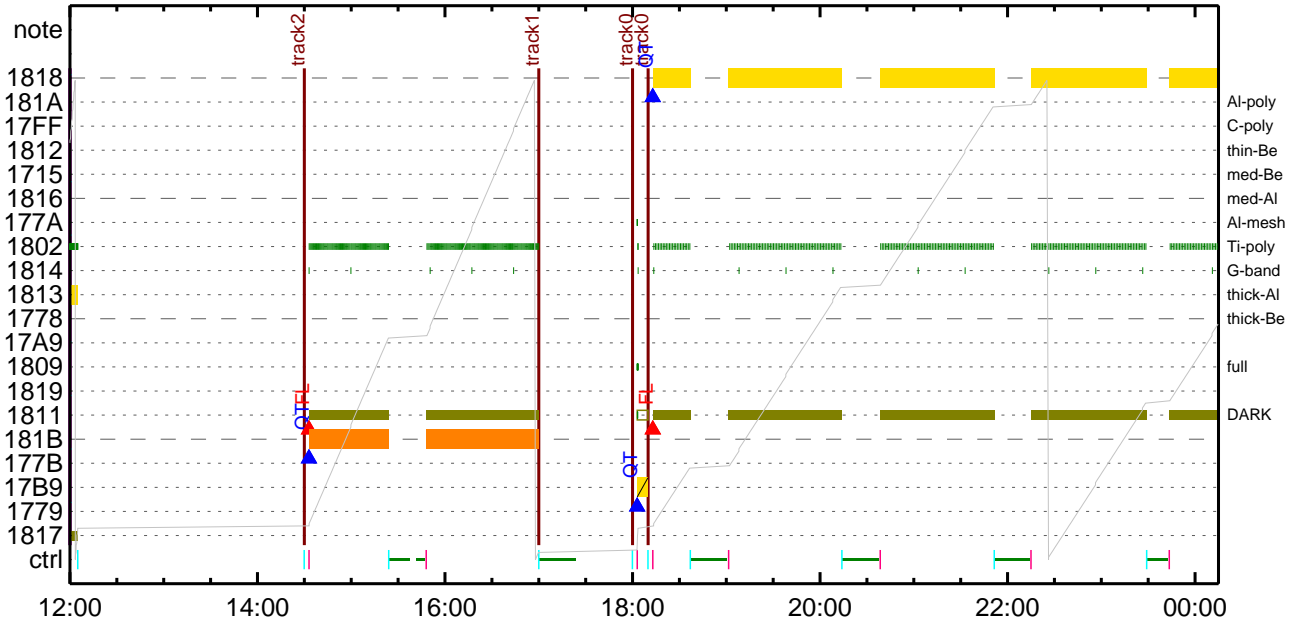
### CMDI #0507 2010/09/25



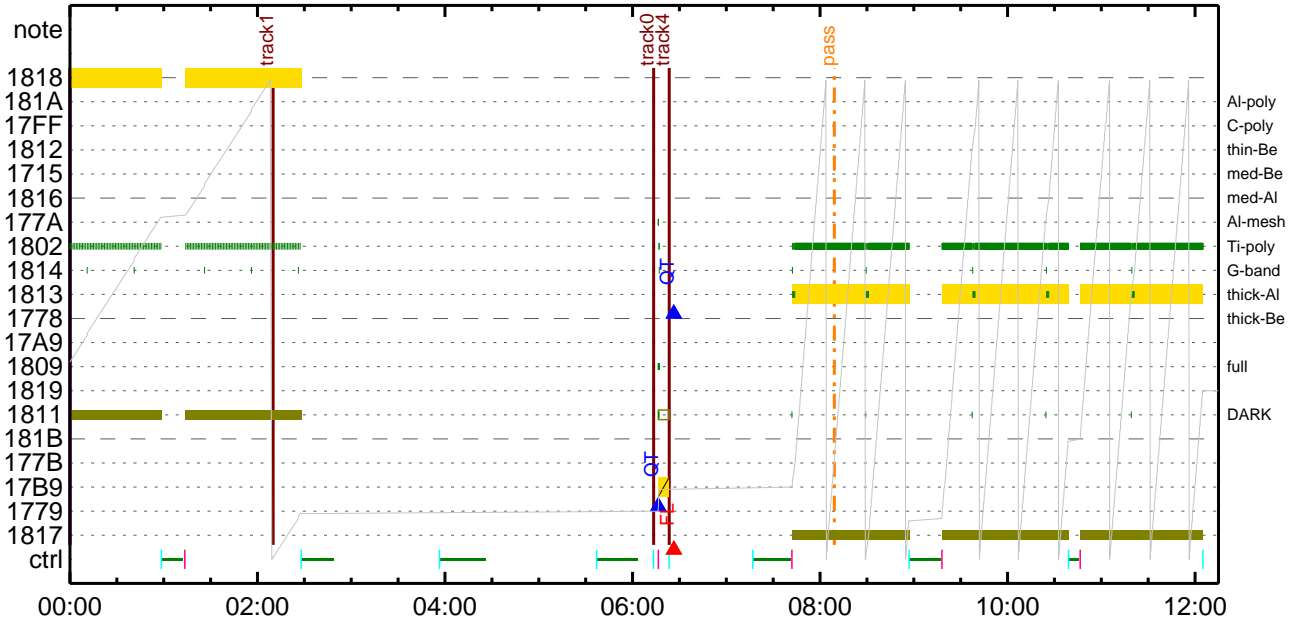
### CMDI #0507 2010/09/26



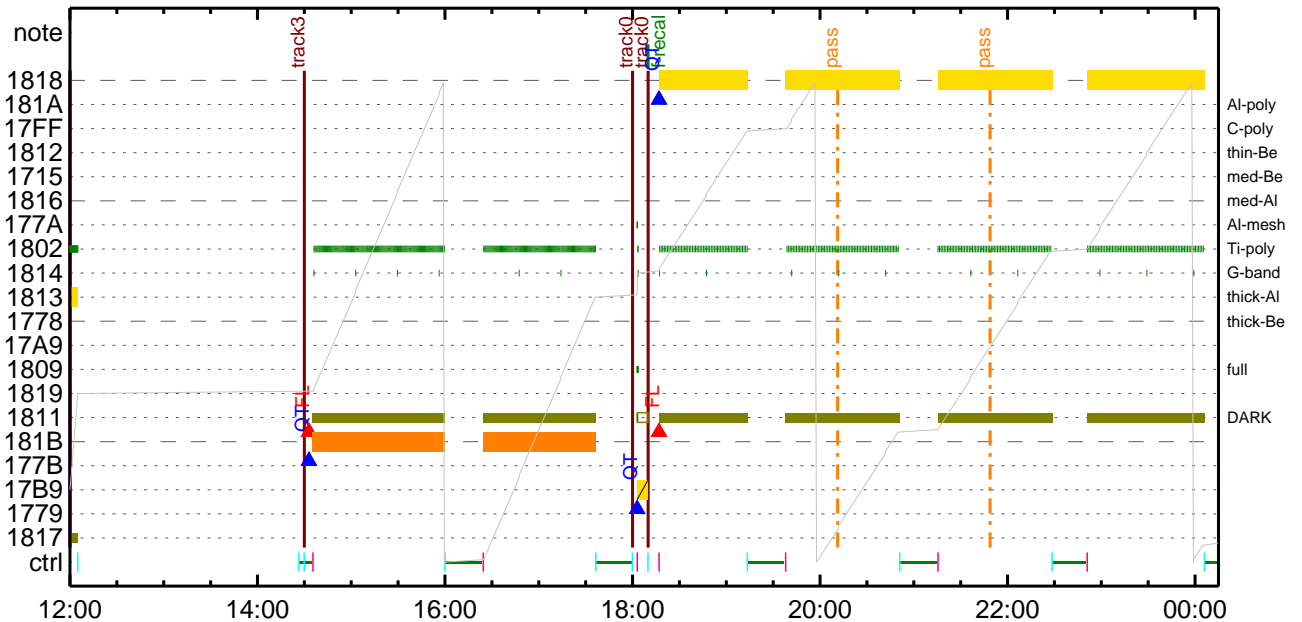
### CMDI #0507 2010/09/26



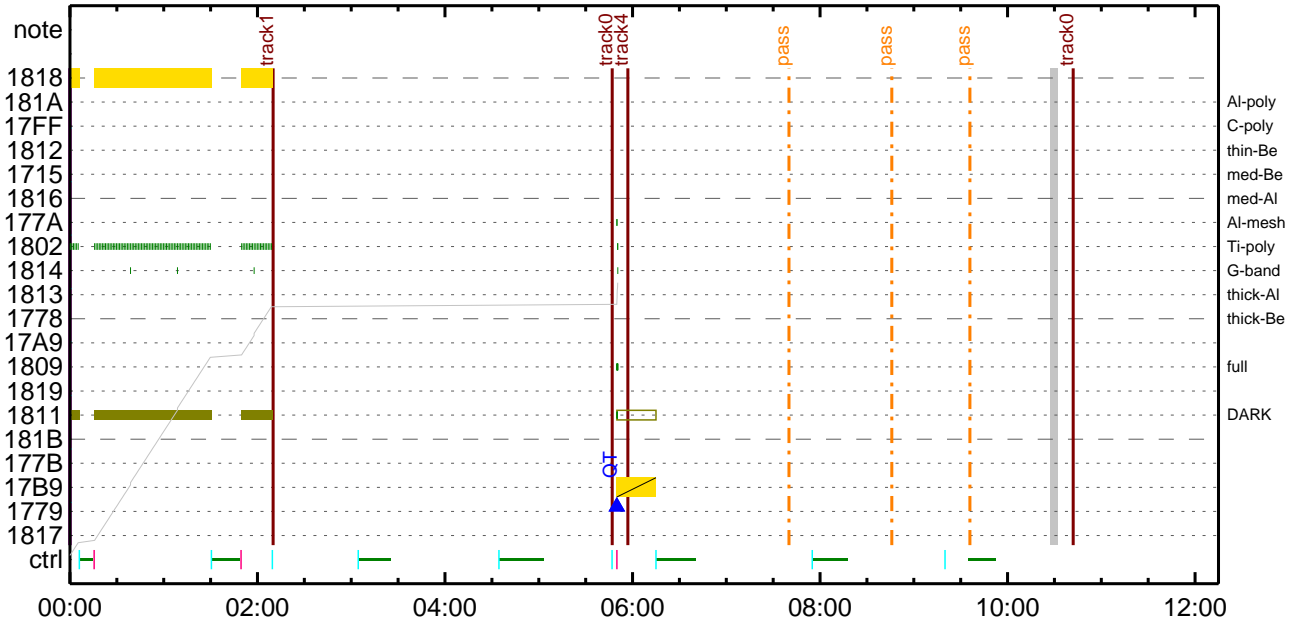
### CMDI #0507 2010/09/27



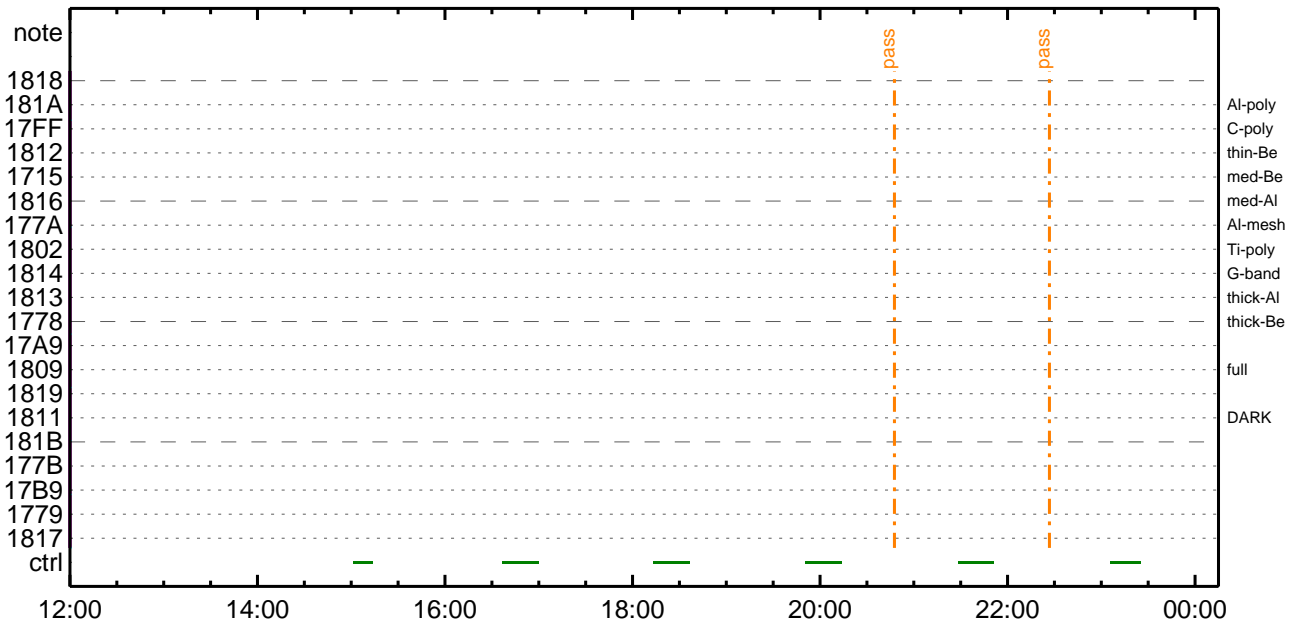
### CMDI #0507 2010/09/27



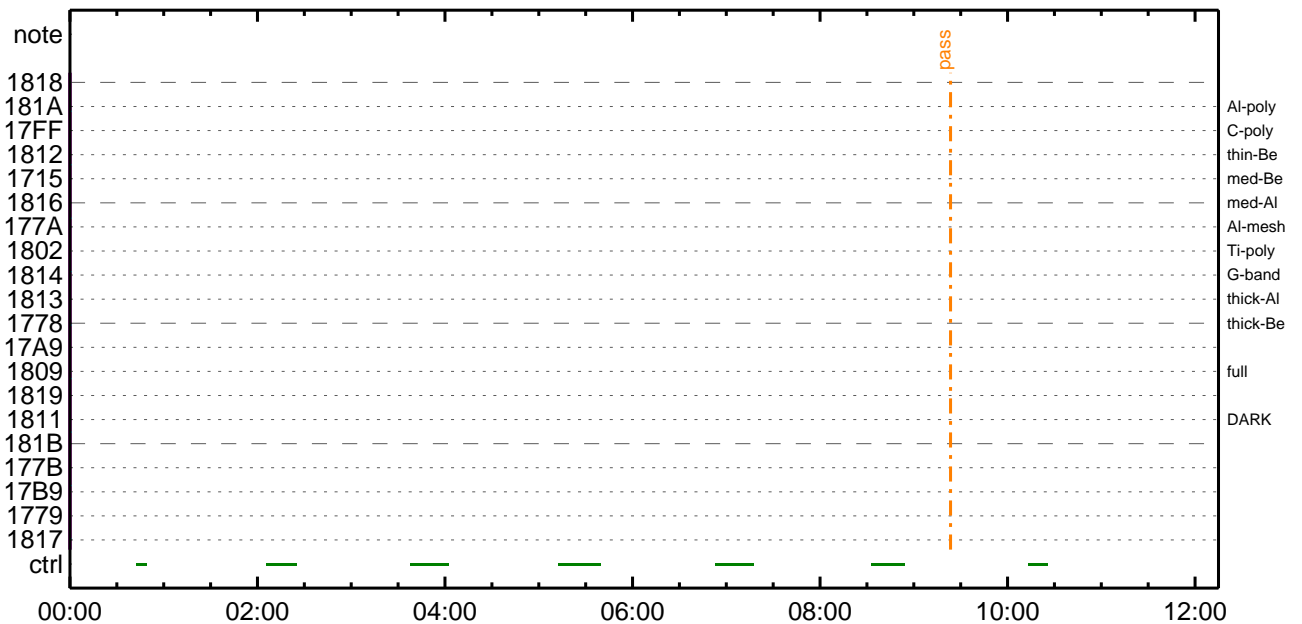
CMDI #0507 2010/09/28



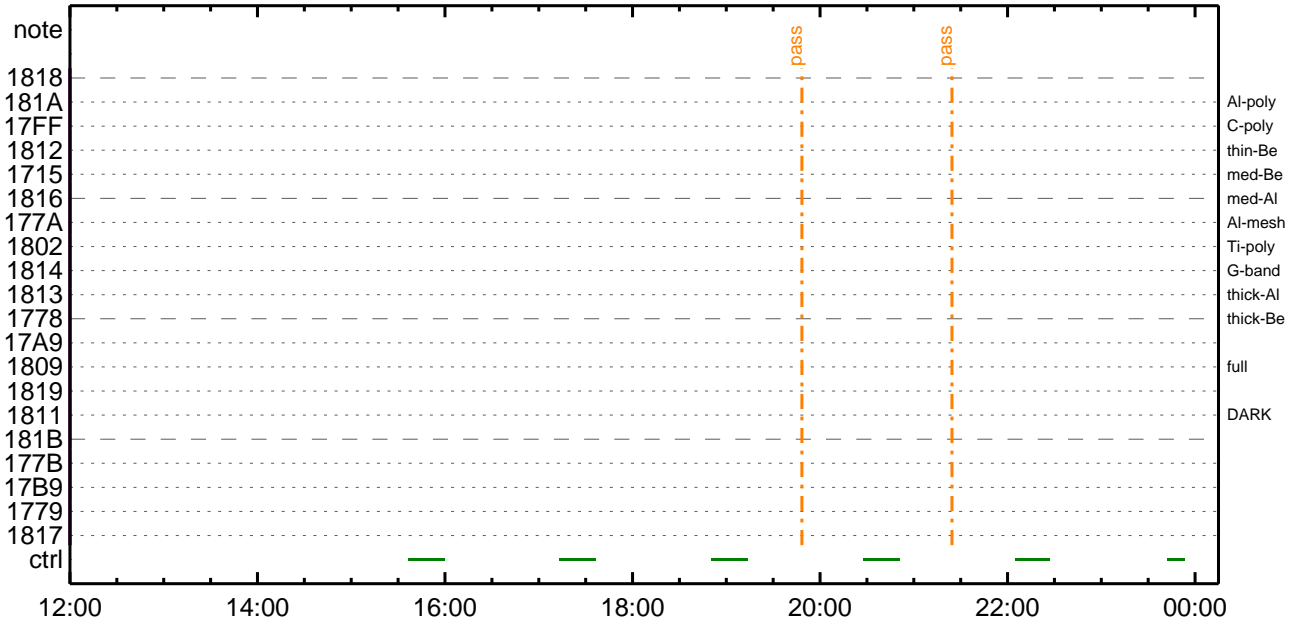
CMDI #0507 2010/09/28



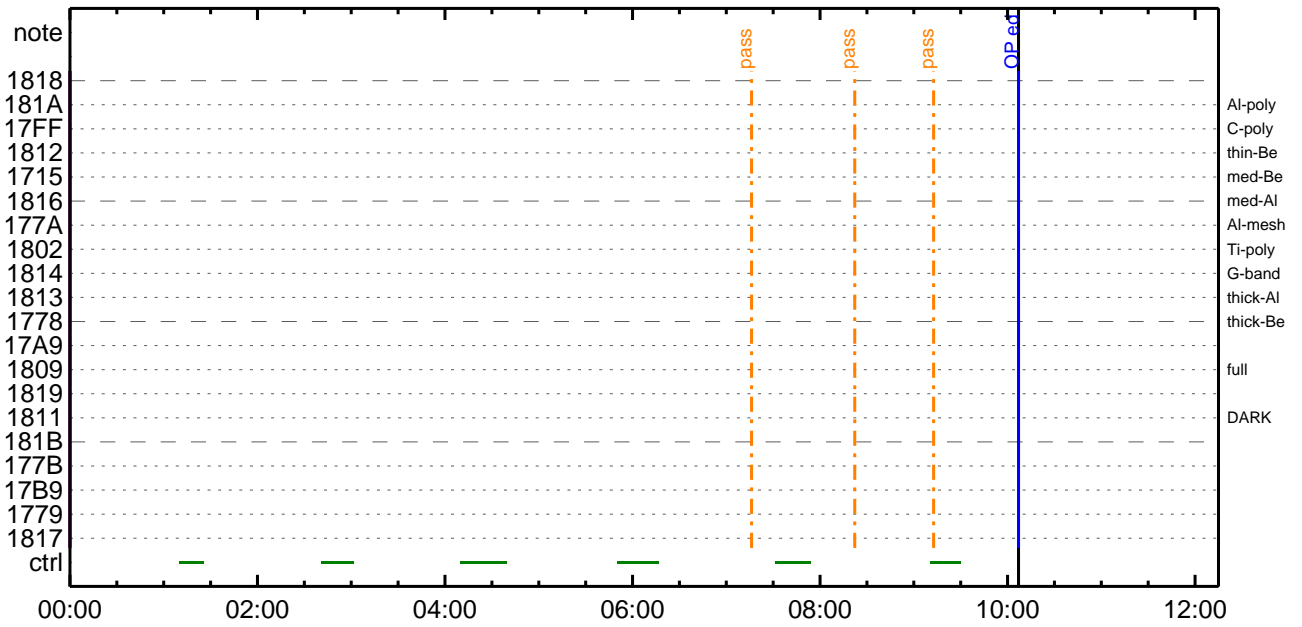
CMDI #0507 2010/09/29



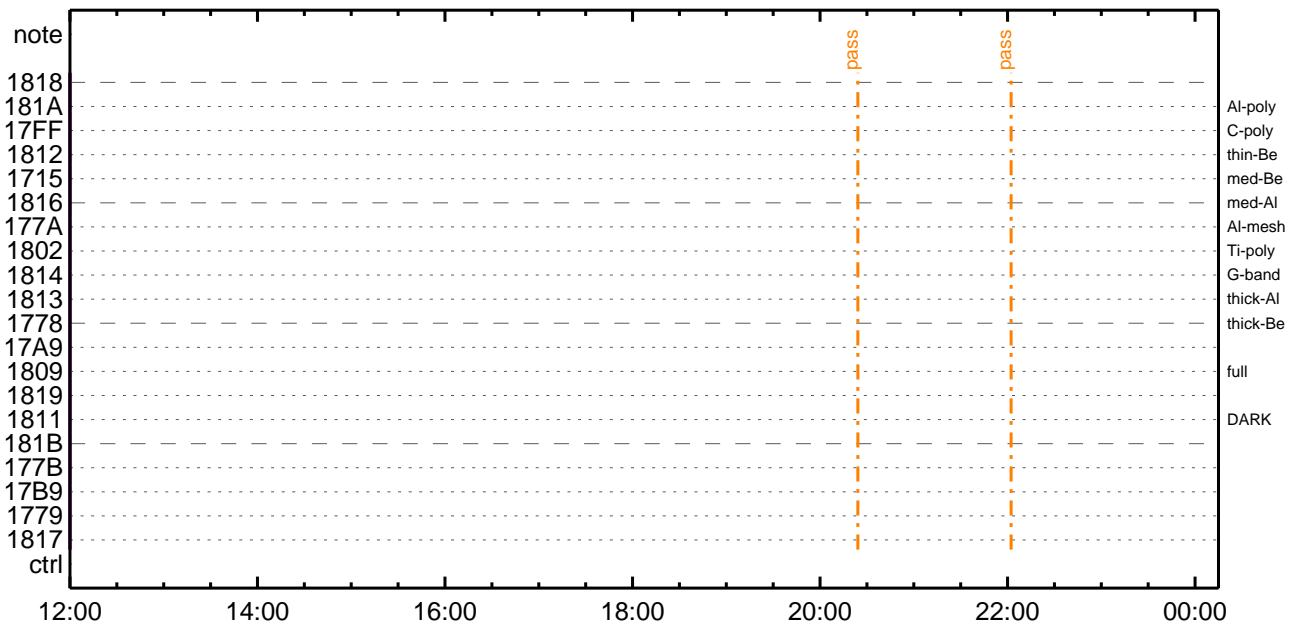
CMDI #0507 2010/09/29



CMDI #0507 2010/09/30



CMDI #0507 2010/09/30



(a) Spacecraft Operation Procedure (real-commands)

```
main-606 2010-09-25 12:17:05 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁŸSŸYÁŸ-¼Á»Û;ä
0005 C.
0006 C. ŸÀŸB;¼Ÿ³ŸFŸÖŸÉÄ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;ÈçòÁà•µ°Æ»Í×ÁÇçáÍŸçŸYÁŸ×Ÿí;¼ŸÉ;ÈÈè%µ•ííÉ;ÈèÈ¼°ÇÔç•ç¼í¹ççí;çÀ®, ùç¹èçèççÁ+ç®ç•èèèèèèèè;è
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGŸí;¼ŸÉ;|ŸÀŸÖŸ×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGŸí;¼ŸÉ;ä
0019 . S. OP op-606:OP
0020 ()
0021 . S. OG og-606:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPÍ°èŸYÁŸÖŸ×;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. ŸÀŸÖŸ×¼ªª î»òð³ îç§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGçí¼è¹ç•è² ÌOKçð³ îç§
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. ŸÀŸÖŸ×¼ªª î»òð³ îç§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGçí¼è¹ç•è² ÌOKçð³ îç§
0062 C.
0063 C. NMOG(0x210000-0x2100FF;§ 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. ŸÀŸÖŸ×¼ªª î»òð³ îç§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPçí¼è¹ç•è² ÌOKçð³ îç§
0081 C.
0082 . C. ***** òÈ²¼çòİ¼Á'¶á°èÈÈ-ç°Á+ç® (¼ãµ-ŸYÁŸÖŸ×¼è%ççðÁÔÁççª°ç°µ-òè¼í¹ççççã) *****
0083 C. DHUŸâ;¼ŸÉ;È¼Ÿ¼; Ÿí;¼ŸÉ;Èçðíáç¹
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 UPLOADç-Á+ç®NGçí¼è¹ç; ç°È²¼çòİTI-CMDÁ+ç®çí¼Á¹Ôç•èèèèèèèè;è
```



```

0096 C.          SET EDUMP I±°iYÑY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 C. TIY³YF¥ÖYÉaðdÄDİ¿(UT)
0099 +. TI 2010-09-25 10:14:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0102 C.
0103 +. TI 2010-09-25 10:14:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0106 C.
0107 +. TI 2010-09-25 10:14:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0110 C.
0111 +. TI 2010-09-25 10:18:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaİYÁY§YÄY-¹àÛ
0116 C.          ÇÇ[HK1_TI_CMD_ENA/DIS]       EQ          ENA
0117 C.          ÇÇ[HK1_TI_CMD_NUM]         EQ          4
0118 C.          ÇÇ[HK1_NEXT_EXEC_PIM]      EQ          DHU
0119 C.          ÇÇ[HK1_NEXT_EXEC_DC]      EQ          0xB3
0120 C.
0121 C. *****
0122 C. TIİİ°èYÄYÖY×
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.          ÇÇ[HK1_DMP_TOP_ADRS_1]     EQ          07
0129 C.          ÇÇ[HK1_DMP_TOP_ADRS_0]     EQ          2B
0130 C.          ÇÇ[HK1_DMP_BLOCK_NUM]     EQ          3
0131 C.          ÇÇ[HK1_DMP_REPEAT_NUM]    EQ          0
0132 C.          ÇÇ[HK1_DMA_DMP_PIM]      EQ          DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          ÇÇ[HK1_PKT_FORM_NO]       EQ          7
0136 C.          ÇÇ[HK1_PKT_GEN_TIME]      EQ          0.25 s
0137 C.          ÇÇ[HK1_S_TLM_BIT_RATE]    EQ          32k
0138 C.          ÇÇ[HK1_X_TLM_BIT_RATE]   EQ          4M
0139 C.          ÇÇ[HK1_DMP_CHK_FLG]      EQ          EXEC
0140 C.
0141 C. YÄYÖY×½ªİ»að³İÇ§
0142 C.          ÇÇ[HK1_DMP_CHK_FLG]      EQ          NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKað³İÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y½.Yİ;¼YÈ;Èaðİã¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          ÇÇ[HK1_PKT_FORM_NO]       EQ          2
0150 C.          ÇÇ[HK1_PKT_GEN_TIME]      EQ          0.5S
0151 C.          ÇÇ[HK1_S_TLM_BIT_RATE]    EQ          32K
0152 C.          ÇÇ[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 2010-09-25 10:18:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC          (21 02)
0163 +. TI 2010-09-25 10:18:40.0
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. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2010-09-25 10:18:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC          (c3)
0176 C.          [ ] [HK1_TI_CMD_NUM]      EQ          1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´úÃİaİ»ö¼YªÈÄa¹aèDCBC•x²è *****
0181 C. (%ã°İYÖYÄYÈYF¥YÄYÇYèaÈ¼aª¼Ä»Ü¹aè)
0182 C. S. DC-BC dcbc-402:DCBC
0183 C. (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YD¥¹.İ Daily±¿İÑaÈ¹Øa¹aèDCBC•x²è *****
0187 C. S. DC-BC dcbc-153:DCBC
0188 C. (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÄY§YÄY-¼Ä»Ü;ã
0192 C.
0193 C. ***** LOS *****

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(a) Spacecraft Operation Procedure (real-commands)

```
main-607 2010-09-25 12:17:06 166 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSÝÄÝÏÝÄÝ¹¼Ä»Û;ä
0005 C.
0006 C. ÝÄÝÏ;¼Ý³ÝÏÝÓÝÉÄ+ç©
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;ÈçðÄß·µ°È»Í×ÁÇçÍÝçÝÄÝ×Ýí;¼ÝÉ;ÈÈÈ¼µ·ííÉ;ÈßÈ¼°ÇÓß·ç¼í¹ççí;çÀ©, ùß¹ßßßßçÄ+ç©ß·çÈççççßÈ; Æ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+çµ;ON
0016 C. *****
0017 C. ç" °ÆÄ, Í×ÈÝðÄßßßççí»ß¹çç¹íí, ñ·; çÉÓÍ×ßÈXÁÓONßí¹çÈçççççÈ; Æ
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç[HK1_XPA_ON/OFF] EQ ON
0025 C. çç[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç[HK1_XMOD_ON/OFF] EQ ON
0027 C. çç[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XÝDÝÓÝÉÝíÝÄÝ¹¼ÖÄç-°ÄÄÈç·çç; ç°È²¼çí°ÆÄ, ¼È¼ççð¼Ä¹ççç; Æ
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ÆÄ,
0033 C. *****
0034 C. ç" RESTART; ÈPT1; Èç·ççç¼í¹ççí; ç°È²¼çí°ÆÄ¹ççç; çDCBC-150çççÈçç; Æ
0035 C.
0036 . C. ;ãPT1°ÆÄ, ³«»í; ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹, ;¼Ý)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹, ;¼Ý)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹, ;¼Ý)
0045 C.
0046 . C. ;ãÝçÝóÝÏÝÄÝ¹¼ÖÄ; ÈÄ·Ä°²óÈð; È, äçí°ÆÄ, °Æ³«; ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹, ;¼Ý)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹, ;¼Ý)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹, ;¼Ý)
0052 C.
0053 C.
0054 . C. PT1°ÆÄ, ç-¼«Æ°Ää»ßç·çç; ä; ç°È²¼ççð¼Ä¹ççç; Æ
0055 C. ÝçÝóÝÏÝÄÝ¹¼ÖÄäÄ·Ä°²óÈðç-¼äçç¼í¹ççí¹°í»çç¹çççççççççç; Æ
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ÆÄ,
0059 C. *****
0060 C. ç" RESTART; ÈPT2; Èç·ççç¼í¹ççí; ç°È²¼ççí°ÆÄ¹ççç; çDCBC-151çççÈçç; Æ
0061 C.
0062 . C. ;ãPT2°ÆÄ, ³«»í; ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹, ;¼Ý)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹, ;¼Ý)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹, ;¼Ý)
0071 C.
0072 . C. ;ãÝçÝóÝÏÝÄÝ¹¼ÖÄ; ÈÄ·Ä°²óÈð; È, äçí°ÆÄ, °Æ³«; ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹, ;¼Ý)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹, ;¼Ý)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹, ;¼Ý)
0078 C.
0079 . C. *****
0080 C. DR°ÆÄ, Ää»ß; çXÁ+çµ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÆÄ, Ää»ß; ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. çç[HK1_REP_STA/STP] EQ STOP
0087 C. çç[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. çç[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ+çµ;OFF; ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1_XPA_ON/OFF] EQ OFF
```

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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_MANU
0131 BC (21 02)
0132 . C. Verify EIS in MANUAL mode
0133 . C. Estimated OBSTBL upload time is 36s
0134 C. *****
0135 C. EIS START OBSTBL LOAD
0136 C. *****
0137 . S. RAM ram-820:EIS_OBSTBL
0138 ( )
0139 +. DC 07-FC EIS_DUMP_OBSTBL
0140 BC (07 07 07 00 00 70 00)
0141 C.
0142 C. Execute, after the success of OBSTBL upload.
0143 C. Set EIS TI-commands
0144 +. TI 2010-09-25 10:18:50.0
0145 DC 07-FC EIS_MODE_CHG_ENA
0146 BC (20)
0147 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0148 C. *****
0149 C. EIS END OBSTBL LOAD
0150 C. *****
0151 C.
0152 . C. ***** MDP 'úÃîîî»ö¼ÝðĚĚĐð¹ñēDCBC•x²è *****
0153 C. (%ã°îÿÓÿĀÿĒÿPÿÿĒÿĀÿçÿĒÿēÿ¼ÿðÿ¼Ā»Ū¹ñē)
0154 . S. DC-BC dcbc-402:DCBC
0155 (MDP_known_event)
0156 C.
0157 C.
0158 . C. ***** ÿĐÿ¹•Ī Daily±çĪŃñĒ'Ø¹ñēDCBC•x²è *****
0159 . S. DC-BC dcbc-153:DCBC
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0161 C.
0162 C.
0163 . C. ;ãLOSÿĀÿSÿĀÿÿ¼Ā»Ū;ã
0164 C.
0165 . C. ***** LOS *****
0166 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-608 2010-09-25 12:17:06 88 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Ä»Û;ã
0005 C.
0006 C. YÄYß;¼Y³YFÏÓYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È□¿□Á□•µ°È»Í×ÁÇ□íYçYÄY×Yí;¼YÉ;ÈÈè¼µ•ííÉ;È□È¼°Ç□□•□¿¼í¹ç□í;çÄ®, ù□¹□è□□□çÄ+¿®□•□È□□□□è;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG ____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 06 06)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 20 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 08 20)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0b 80 80 08 08)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0f 80 80 06 06)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 10 80 80 08 08)
0058 + DC 07-F0 MDP_XRT_AEC_RESET
0059 BC (d0)
0060 . C. ----- Success Verify ? OK / NG ____
0061 C.
0062 C.
0063 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0064 C.
0065 +. DC 07-F0 MDP_XRT_MODE_OBSV
0066 BC (c2)
0067 +. TI 2010-09-25 10:18:02.0
0068 DC 07-F0 MDP_XRT_MODE_OBSV
0069 BC (c2)
0070 . C. ----- Success Verify ? OK / NG ____
0071 C.
0072 C. ***** XRT END *****
0073 C.
0074 . C. ***** MDP `ûÄî□í»ó¼Y□ÈÄ□¹□èDCBC•x²è *****
0075 C. (¼á°íYÓYÄYÈYÞYÉYáYçYè□È¼□□¼Ä»Û¹□è)
0076 . S. DC-BC dcbc-402:DCBC
0077 (MDP_known_event)
0078 C.
0079 C.
0080 . C. ***** YÐY¹•İ Daily±¿İÑ□È`Ø□¹□èDCBC•x²è *****
0081 . S. DC-BC dcbc-153:DCBC
0082 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0083 C.
0084 C.
0085 . C. ;ãLOSÁYŞYÄY-¼Ä»Û;ã
0086 C.
0087 . C. ***** LOS *****
0088 C.
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Sep 25, 10 12:17

XRT\_OGLIST\_0507.chk

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

2010/09/25	10:28:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/25	10:28:56.0	XRT_FOCUS_POSITION_409_OG [0x199]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/09/25	10:29:00.5	AOCS_Orе-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2010/09/25	10:29:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/09/25	10:29:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/09/25	10:29:20.0	XRT_ARS_DIS_415_OG [0x19f]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/09/25	10:31:56.0	XRT_QT_PROG_SET_446_OG [0x1be]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2010/09/25	10:31:58.0	XRT_FL_PROG_SET_431_OG [0x1af]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01		
2010/09/25	10:32:00.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/25	12:01:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/25	14:59:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/25	14:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/09/25	15:00:00.0	AOCS_Orе-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2010/09/25	15:00:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/09/25	15:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/09/25	15:00:20.0	XRT_AEC_RESET_441_OG [0x1b9]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/09/25	15:00:22.0	XRT_ARS_DIS_438_OG [0x1b6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/09/25	15:02:54.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/25	15:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2010/09/25	15:02:58.0	XRT_FL_PROG_SET_447_OG [0x1bf]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 06		
2010/09/25	15:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/25	16:23:00.5	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/25	16:23:02.5	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/25	16:23:04.5	XRT_PREFLR_STRT_422_OG [0x1a6]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/25	16:26:14.5	XRT_PREFLR_STOP_424_OG [0x1a8]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/25	16:47:00.0	XRT_Custom_418_OG [0x1a2]					
2010/09/25	16:48:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/25	18:00:30.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/25	18:00:32.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/25	18:00:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/25	18:03:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/25	18:23:24.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/25	18:23:26.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/09/25	18:23:30.0	AOCS_Orе-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2010/09/25	18:23:46.0	XRT_FLD_DIS_402_OG [0x192]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/09/25	18:23:48.0	XRT_FLRCTRL_DIS_403_OG [0x193]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/09/25	18:23:50.0	XRT_ARS_DIS_415_OG [0x19f]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/09/25	18:26:26.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/25	18:26:28.0	XRT_QT_PROG_SET_407_OG [0x197]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2010/09/25	18:26:30.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/25	18:33:24.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/25	18:33:26.0	XRT_FOCUS_POSITION_409_OG [0x199]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/09/25	18:33:30.0	AOCS_Orе-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 b0 e6 00 fd		
2010/09/25	18:33:46.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/09/25	18:33:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/09/25	18:33:50.0	XRT_AEC_RESET_441_OG [0x1b9]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		

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2010/09/25	18:33:52.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/25	18:36:24.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/25	18:36:26.0	XRT_QT_PROG_SET_410_OG [0x19a]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2010/09/25	18:36:28.0	XRT_FL_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 06				
2010/09/25	19:37:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/25	19:37:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/25	19:37:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/25	19:40:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/25	20:00:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/25	20:01:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/25	21:14:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/25	21:14:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/25	21:14:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/25	21:17:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/25	21:38:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/25	21:39:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/25	22:52:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/25	22:52:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/25	22:52:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/25	22:55:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/25	23:12:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/25	23:13:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/26	00:29:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	00:29:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	00:29:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/26	00:32:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/26	00:37:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/26	00:38:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/26	01:52:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	01:52:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	01:52:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/26	01:55:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/26	02:12:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/26	02:13:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/26	02:33:21.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	02:33:30.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2010/09/26	03:28:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	03:28:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	03:28:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/26	03:31:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/26	04:58:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	04:58:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	04:58:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/26	05:01:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/26	05:55:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	05:55:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/09/26	05:55:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/09/26	05:55:46.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/09/26	05:55:48.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				

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2010/09/26	05:55:50.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/26	05:58:26.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	05:58:28.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2010/09/26	05:58:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/26	06:05:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	06:05:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/09/26	06:05:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2010/09/26	06:05:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/26	06:05:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/26	06:05:50.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/26	06:08:26.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2010/09/26	06:08:28.0	XRT_FL_PROG_SET_431_OG [0x1af]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01				
2010/09/26	06:39:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	06:39:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	06:39:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/26	06:42:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/26	07:44:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/26	07:45:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/26	08:19:00.5	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	08:19:02.5	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	08:19:04.5	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/26	08:22:14.5	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/26	08:41:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/26	08:42:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/26	10:00:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	10:00:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	10:00:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/26	10:03:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/26	10:14:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/26	10:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/26	12:05:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	14:29:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	14:29:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/09/26	14:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2010/09/26	14:30:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/26	14:30:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/26	14:30:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/09/26	14:30:22.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/26	14:32:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	14:32:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2010/09/26	14:32:58.0	XRT_FL_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 06				
2010/09/26	14:33:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/26	15:24:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/26	15:24:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/26	15:24:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/26	15:27:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/26	15:47:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/26	15:48:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/26	17:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							



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2010/09/26	17:00:00.5	XRT_CTRL_MANU_408_OG [0x198]	AOCU_NM	5	02-76	01	00	00	00	00
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2010/09/26	17:00:02.5	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET		1	07-F0	da				
2010/09/26	17:00:04.5	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2010/09/26	17:03:14.5	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2010/09/26	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2010/09/26	17:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]								
		XRT_FOCUS_POSITION		4	07-F8	22	ff	aa	00	
2010/09/26	18:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]								
		AOCU_NM		5	02-76	00	00	00	00	00
2010/09/26	18:00:16.0	XRT_FLD_DIS_402_OG [0x192]								
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2010/09/26	18:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]								
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2010/09/26	18:00:20.0	XRT_ARS_DIS_415_OG [0x19f]								
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2010/09/26	18:02:56.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET		1	07-F0	da				
2010/09/26	18:02:58.0	XRT_QT_PROG_SET_407_OG [0x197]								
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	03			
2010/09/26	18:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]								
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2010/09/26	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2010/09/26	18:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]								
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2010/09/26	18:10:00.0	AOCS_OrE-point_Start_4_OG [0x09a]								
		AOCU_NM		5	02-76	00	b0	e6	00	fd
2010/09/26	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2010/09/26	18:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]								
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2010/09/26	18:10:20.0	XRT_AEC_RESET_441_OG [0x1b9]								
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2010/09/26	18:10:22.0	XRT_ARS_DIS_438_OG [0x1b6]								
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2010/09/26	18:12:54.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET		1	07-F0	da				
2010/09/26	18:12:56.0	XRT_QT_PROG_SET_410_OG [0x19a]								
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	14			
2010/09/26	18:12:58.0	XRT_FL_PROG_SET_447_OG [0x1bf]								
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	06			
2010/09/26	18:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]								
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2010/09/26	18:37:00.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2010/09/26	18:37:02.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET		1	07-F0	da				
2010/09/26	18:37:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2010/09/26	18:40:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2010/09/26	19:00:30.0	XRT_Custom_418_OG [0x1a2]								
2010/09/26	19:01:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]								
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2010/09/26	20:14:00.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2010/09/26	20:14:02.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET		1	07-F0	da				
2010/09/26	20:14:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2010/09/26	20:17:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2010/09/26	20:37:30.0	XRT_Custom_418_OG [0x1a2]								
2010/09/26	20:38:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]								
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2010/09/26	21:51:30.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2010/09/26	21:51:32.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET		1	07-F0	da				
2010/09/26	21:51:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2010/09/26	21:54:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2010/09/26	22:14:00.0	XRT_Custom_418_OG [0x1a2]								
2010/09/26	22:15:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]								
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2010/09/26	23:29:00.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2010/09/26	23:29:02.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET		1	07-F0	da				
2010/09/26	23:29:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2010/09/26	23:32:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2010/09/26	23:42:30.0	XRT_Custom_418_OG [0x1a2]								
2010/09/26	23:43:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]								
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				

2010/09/27	00:58:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/09/27	00:58:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/09/27	00:58:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2010/09/27	01:01:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2010/09/27	01:12:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/27	01:13:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/09/27	02:10:00.0	AOCs_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	01 00 00 00 00			
2010/09/27	02:28:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/09/27	02:28:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/09/27	02:28:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2010/09/27	02:31:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2010/09/27	03:56:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/09/27	03:56:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/09/27	03:56:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2010/09/27	03:59:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2010/09/27	05:37:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/09/27	05:37:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/09/27	05:37:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2010/09/27	05:40:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2010/09/27	06:13:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/09/27	06:13:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2010/09/27	06:13:30.0	AOCs_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00			
2010/09/27	06:13:46.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/09/27	06:13:48.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/09/27	06:13:50.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/09/27	06:16:26.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/09/27	06:16:28.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03			
2010/09/27	06:16:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/09/27	06:23:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/09/27	06:23:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2010/09/27	06:23:30.0	AOCs_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00 00			
2010/09/27	06:23:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/09/27	06:23:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2010/09/27	06:23:50.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/09/27	06:26:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b			
2010/09/27	06:26:28.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01			
2010/09/27	07:17:00.5	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/09/27	07:17:02.5	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/09/27	07:17:04.5	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2010/09/27	07:20:14.5	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2010/09/27	07:41:01.0	XRT_Custom_418_OG [0x1a2]							
2010/09/27	07:42:01.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/09/27	08:57:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/09/27	08:57:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/09/27	08:57:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2010/09/27	09:00:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2010/09/27	09:17:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/27	09:18:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			

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2010/09/27	10:39:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	10:39:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	10:39:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/27	10:42:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/27	10:45:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/27	10:46:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/27	12:05:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	14:26:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	14:26:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	14:26:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/27	14:29:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/27	14:29:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	14:29:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/09/27	14:30:00.0	AOCS_OrE-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2010/09/27	14:30:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/27	14:30:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/27	14:30:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/09/27	14:30:22.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/27	14:32:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	14:32:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2010/09/27	14:32:58.0	XRT_FL_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 06				
2010/09/27	14:34:30.5	XRT_Custom_418_OG [0x1a2]							
2010/09/27	14:35:30.5	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/27	16:00:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	16:00:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	16:00:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/27	16:03:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/27	16:23:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/27	16:24:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/27	17:36:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	17:36:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	17:36:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/27	17:39:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/27	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	17:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/09/27	18:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/09/27	18:00:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/09/27	18:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/09/27	18:00:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/27	18:02:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	18:02:58.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2010/09/27	18:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/27	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	18:09:56.0	XRT_FOCUS_RECALIBRATE_414_OG [0x19e]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2010/09/27	18:10:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 b0 e6 00 fd				
2010/09/27	18:13:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/09/27	18:14:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/27	18:14:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				

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2010/09/27	18:14:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/09/27	18:14:22.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/27	18:16:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	18:16:56.0	XRT_QT_PROG_SET_410_OG [0x19a]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2010/09/27	18:16:58.0	XRT_FL_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	06			
2010/09/27	18:17:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/27	19:13:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	19:13:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	19:13:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/27	19:16:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/27	19:37:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/27	19:38:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/27	20:51:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	20:51:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	20:51:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/27	20:54:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/27	21:14:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/27	21:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/27	22:28:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/27	22:28:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/27	22:28:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/27	22:31:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/27	22:50:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/27	22:51:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/28	00:06:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/28	00:06:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/28	00:06:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/28	00:09:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/28	00:14:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/28	00:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/28	01:30:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/28	01:30:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/28	01:30:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/28	01:33:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/28	01:48:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/28	01:49:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/28	02:09:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/28	02:10:00.0	AOCS_OrE-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	01	00	00	00	00
2010/09/28	03:04:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/28	03:04:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/28	03:04:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/28	03:07:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/28	04:34:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/28	04:34:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/28	04:34:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/28	04:37:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/28	05:46:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/28	05:46:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/09/28	05:47:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00

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2010/09/28	05:47:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/09/28	05:47:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/09/28	05:47:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/28	05:49:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/28	05:49:58.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2010/09/28	05:50:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/28	05:57:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2010/09/28	06:15:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/28	06:15:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/28	06:15:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/28	06:18:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/28	07:55:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/28	07:55:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/28	07:55:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/28	07:58:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/28	09:20:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/28	10:42:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				