

# XRT Timeline to be uploaded on 2010/05/17

Period: 2010/05/17 10:42:00 - 2010/05/22 10:32:00

\* \* \* \* \*

Normal mode

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XOB #17C0: CH obs filter - Ti/poly 8s, Al/mesh 4s, G-band - 512FOV - Q90													
Term	Pointing (x, y)							Comment					
05/17 12:14:00 - 05/17 17:59:54	Track ( -117.7, -470.9) <sup>05/17 10:52:00</sup>	# OP start + 10min, observations of on-disk CH near central meridian.											
05/17 18:13:00 - 05/18 06:19:54	Track ( 98.2, -386.6) <sup>05/17 18:10:00</sup>	# On-disk CH boundary.											
<b>PROG= 03 Inf.-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 64 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
└─ Subr= 2 15-time(s) 120.0sec													
└─ Seqn= 65 1-time(s) 30.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #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)													
Term	Pointing (x, y)							Comment					
05/17 18:03:00 - 05/17 18:09:54	Fixed ( 0.0, 0.0)	synoptic											
05/18 06:23:00 - 05/18 06:29:54	Fixed ( 0.0, 0.0)	synoptic, shifted 20.0 min											
05/18 18:04:00 - 05/18 18:30:00	Fixed ( 0.0, 0.0)	synoptic, shifted 1.0 min, extended for about 24 hrs for SOT flatfields and other diagnostics											
05/19 05:51:00 - 05/19 17:42:24	Fixed ( 0.0, 0.0)	synoptic, shifted 1.0 min, extended for about 24 hrs for SOT flatfields and other diagnostics											
05/19 17:45:30 - 05/19 17:56:30	Fixed ( 0.0, 0.0)	synoptic, shifted -16.5 min											
05/20 06:03:00 - 05/20 06:09:54	Fixed ( 0.0, 0.0)	synoptic											
<b>PROG= 15 1-time(s)</b>													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 80 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= 81 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	

XOB #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT													
Term	Pointing (x, y)							Comment					
05/18 06:45:00 - 05/18 08:29:54	Fixed ( 0.0, 945.0)	# Co-alignmnet offset, N.											
<b>PROG= 09 1-time(s)</b>													
└─ Subr= 1 1-time(s) 360.0sec													
└─ Seqn= 3 24-time(s) 300.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #16AD: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence-wNGT													
Term	Pointing (x, y)							Comment					
05/18 08:45:00 - 05/18 10:29:54	Fixed ( -945.0, 0.0)	* Co-alignment offset, E.											
<b>PROG= 20 1-time(s)</b>													
└─ Subr= 1 1-time(s) 360.0sec													
└─ Seqn= 28 15-time(s) 480.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	1536x2048 (1280, 1024)	Q=90	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #17BF: Full-disk observation													
Term	Pointing (x, y)							Comment					
05/18 18:33:12 - 05/19 05:45:00	Fixed ( 0.0, 0.0)	synoptic, shifted 1.0 min, extended for about 24 hrs for SOT flatfields and other diagnostics											
<b>PROG= 14 Inf.-time(s)</b>													
└─ Subr= 1 1-time(s) 2700.0sec													
└─ Seqn= 57 1-time(s) 2.0sec													
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	22.6s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 53 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 54 1-time(s) 2.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2</b>		<b>1-time(s)</b>		<b>2.0sec</b>								
<b>Seqn= 56</b>		<b>1-time(s)</b>		<b>2.0sec</b>								
Open/Ti-poly	Open/Ti-poly	close	Safe	Dark	1.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #17BC: AR Dynamics- Ti/Poly(384FOV) AEC2\_3 Q95, Thick-AI fixed 32s, G-band(512FOV) - 1min cadence**

Term	Pointing (x, y)	Comment
05/19 18:41:08 - 05/20 05:59:54	Track ( -603.4, 300.4) @ 05/19 17:53:30	# Observe AR in E.
05/20 06:13:02 - 05/20 11:04:54	Track ( -519.4, 302.2) @ 05/20 06:10:00	# Cont.

**PROG= 05 Inf.-time(s)**

<b>Subr= 1</b>		<b>1-time(s)</b>		<b>30.0sec</b>								
<b>Seqn= 1</b>		<b>1-time(s)</b>		<b>30.0sec</b>								
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	Q=98	0	0	2.0sec
<b>Seqn= 93</b>		<b>1-time(s)</b>		<b>40.0sec</b>								
Open/thick-AI	Open/thick-AI	close	Safe	Norm	32.0s	Obs	1x1	512x512 (1024, 1024)	Q=92	0	0	2.0sec
<b>Subr= 2</b>		<b>15-time(s)</b>		<b>60.0sec</b>								
<b>Seqn= 91</b>		<b>1-time(s)</b>		<b>2.0sec</b>								
Open/Ti-poly	Open/thick-AI	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
<b>Seqn= 92</b>		<b>1-time(s)</b>		<b>2.0sec</b>								
Open/Ti-poly	Open/thick-AI	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	2	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 #1776: Flare Response short exp at first- Dynamics - Thick-AI - Thick-Be - AEC 1 - 384x384 - Q95**

Term	Pointing (x, y)	Comment
05/18 18:33:12 - 05/19 05:45:00	Fixed ( 0.0, 0.0)	synoptic, shifted 1.0 min, extended for about 24 hrs for SOT flatfields and other diagnostics
05/19 18:41:08 - 05/20 05:59:54	Track ( -603.4, 300.4) @ 05/19 17:53:30	# Observe AR in E.
05/20 06:13:02 - 05/20 11:04:54	Track ( -519.4, 302.2) @ 05/20 06:10:00	# Cont.

**PROG= 13 1-time(s)**

<b>Subr= 1</b>		<b>2-time(s)</b>		<b>2.0sec</b>								
<b>Seqn= 9</b>		<b>15-time(s)</b>		<b>20.0sec</b>								
Open/thick-AI	Open/thick-AI	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
<b>Seqn= 2</b>		<b>1-time(s)</b>		<b>4.0sec</b>								
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
<b>Subr= 2</b>		<b>8-time(s)</b>		<b>2.0sec</b>								
<b>Seqn= 9</b>		<b>15-time(s)</b>		<b>60.0sec</b>								
Open/thick-AI	Open/thick-AI	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
<b>Seqn= 2</b>		<b>1-time(s)</b>		<b>4.0sec</b>								
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
<b>Subr= 3</b>		<b>25-time(s)</b>		<b>2.0sec</b>								
<b>Seqn= 9</b>		<b>1-time(s)</b>		<b>600.0sec</b>								
Open/thick-AI	Open/thick-AI	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
<b>Seqn= 2</b>		<b>1-time(s)</b>		<b>4.0sec</b>								
Open/G-band	Open/G-band	open	Safe	Norm	63ms	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**

\* \* \* \* \*

NOT USED

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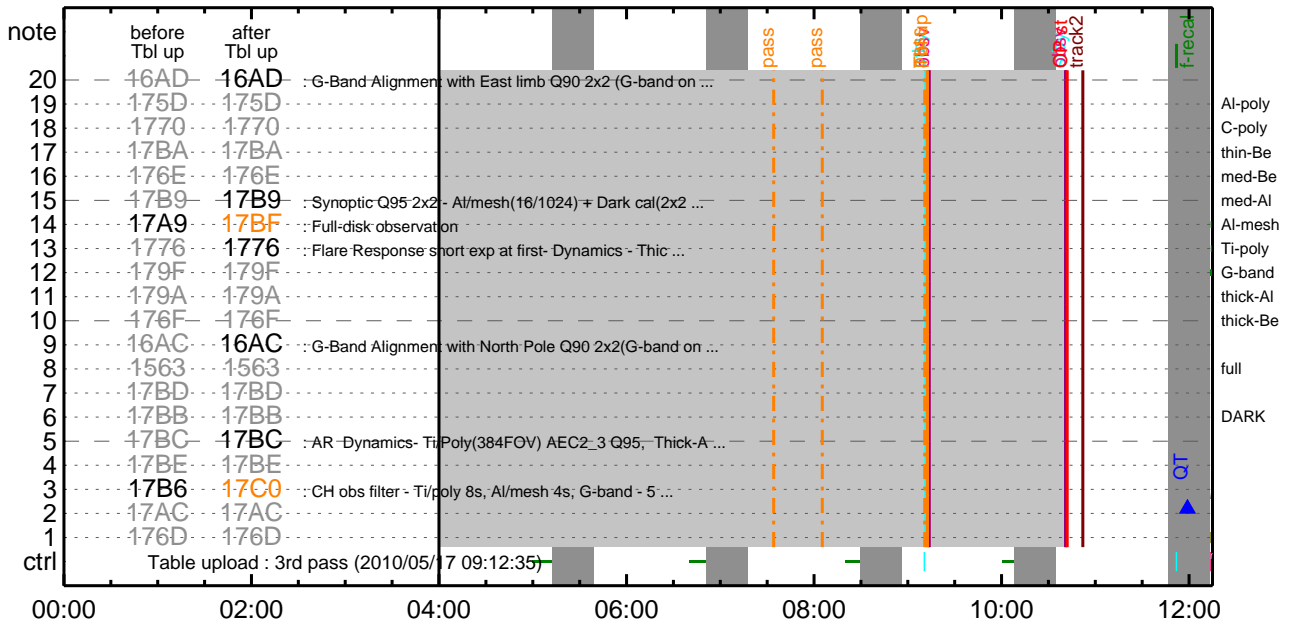
**Flare Detection**

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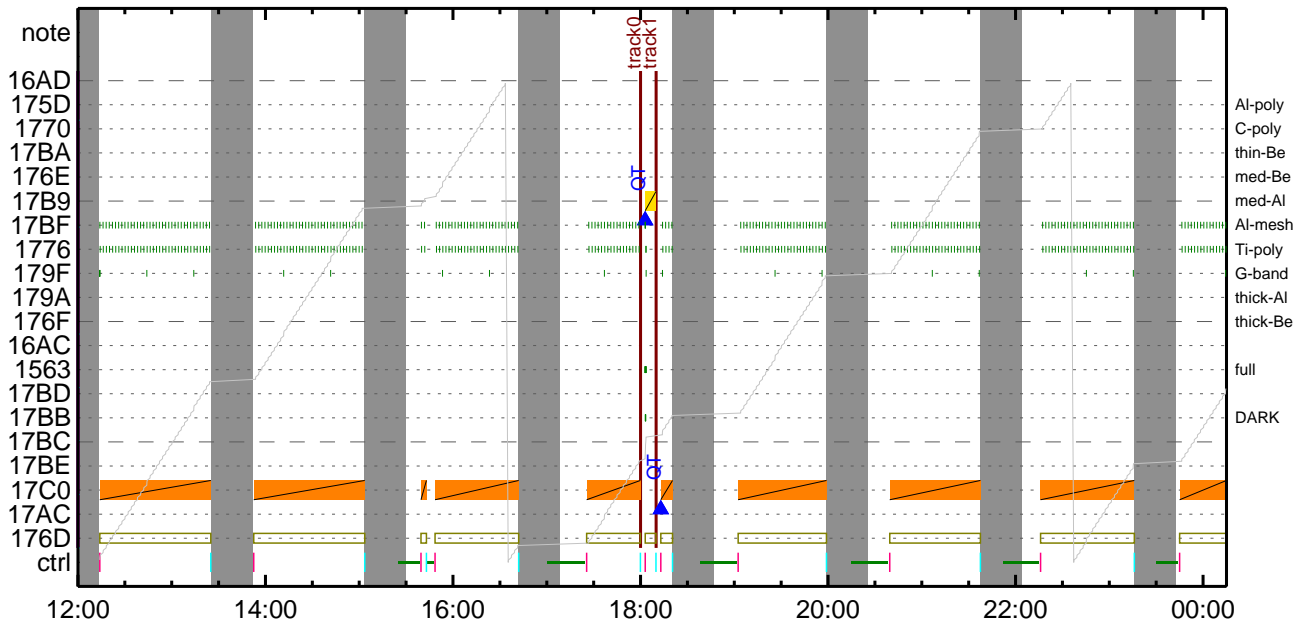
**FLD Patrol**

Term	Pointing (x, y)	Comment										
05/18 18:30:24 - 05/19 05:48:16	Fixed ( 0.0, 0.0)	synoptic, shifted 1.0 min, extended for about 24 hrs for SOT flatfields and other diagnostics										
05/19 18:38:24 - 05/20 06:00:16	Track ( -603.4, 300.4) @ 05/19 17:53:30	# Observe AR in E.										
05/20 06:10:18 - 05/22 10:32:00	Track ( -519.4, 302.2) @ 05/20 06:10:00	# Cont.										
Open/Ti-poly	Open/thick-AI	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	

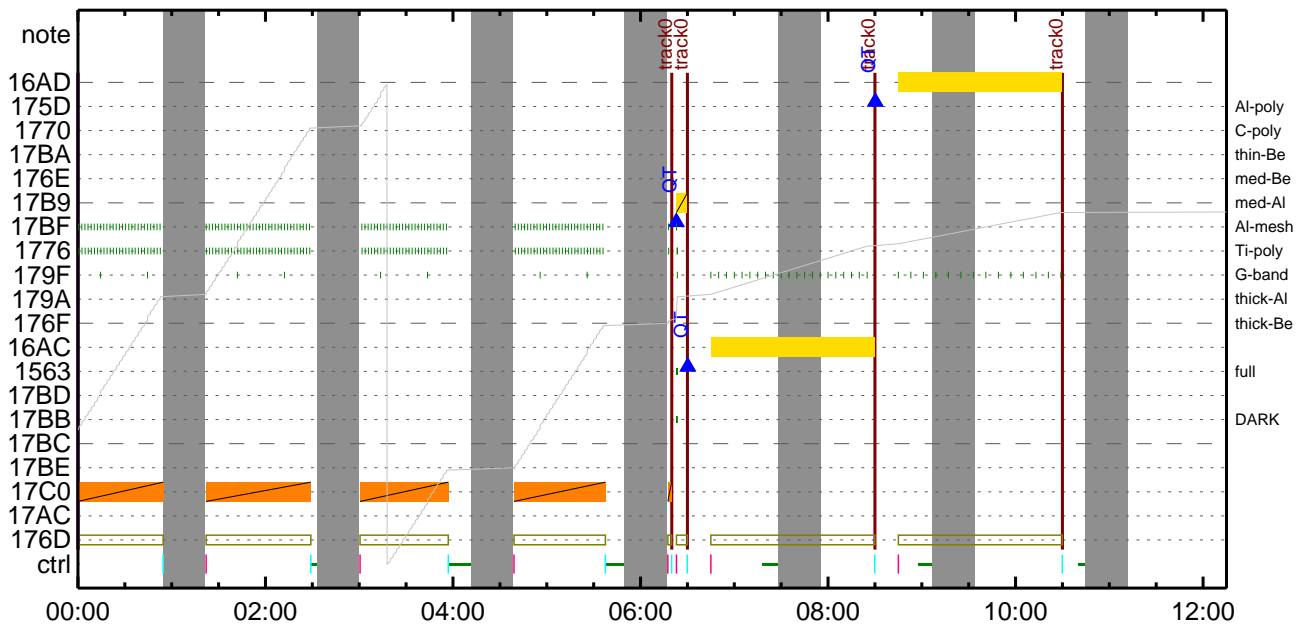
### CMDI #0263 2010/05/17



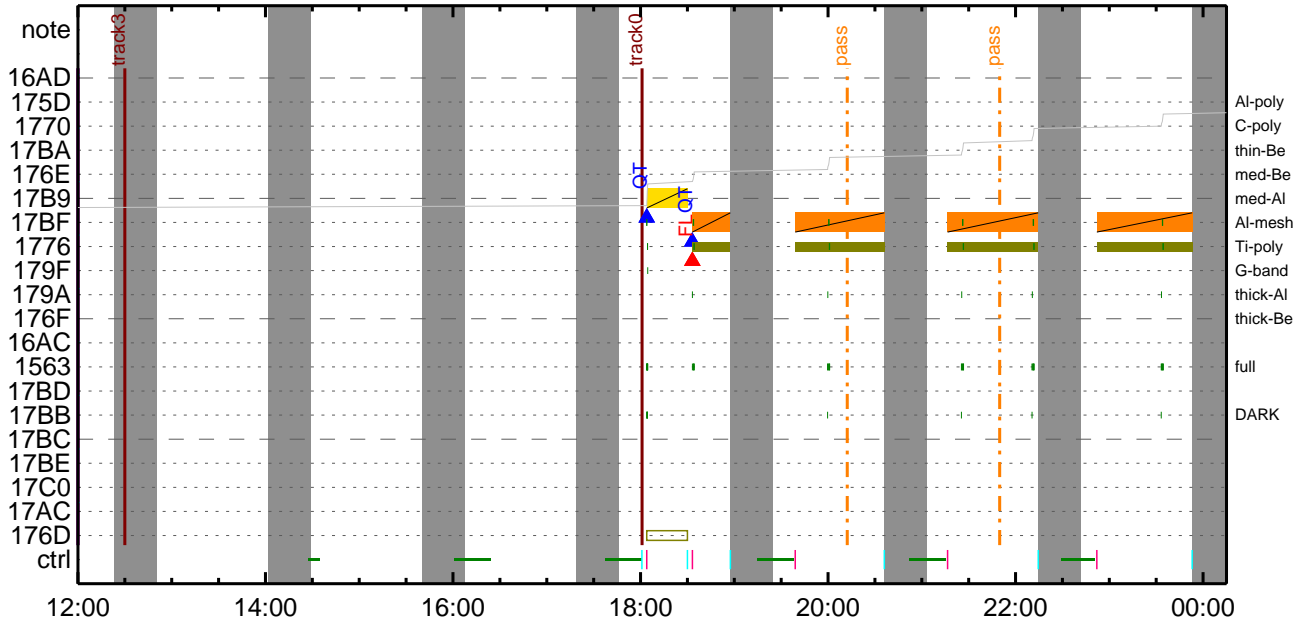
### CMDI #0263 2010/05/17



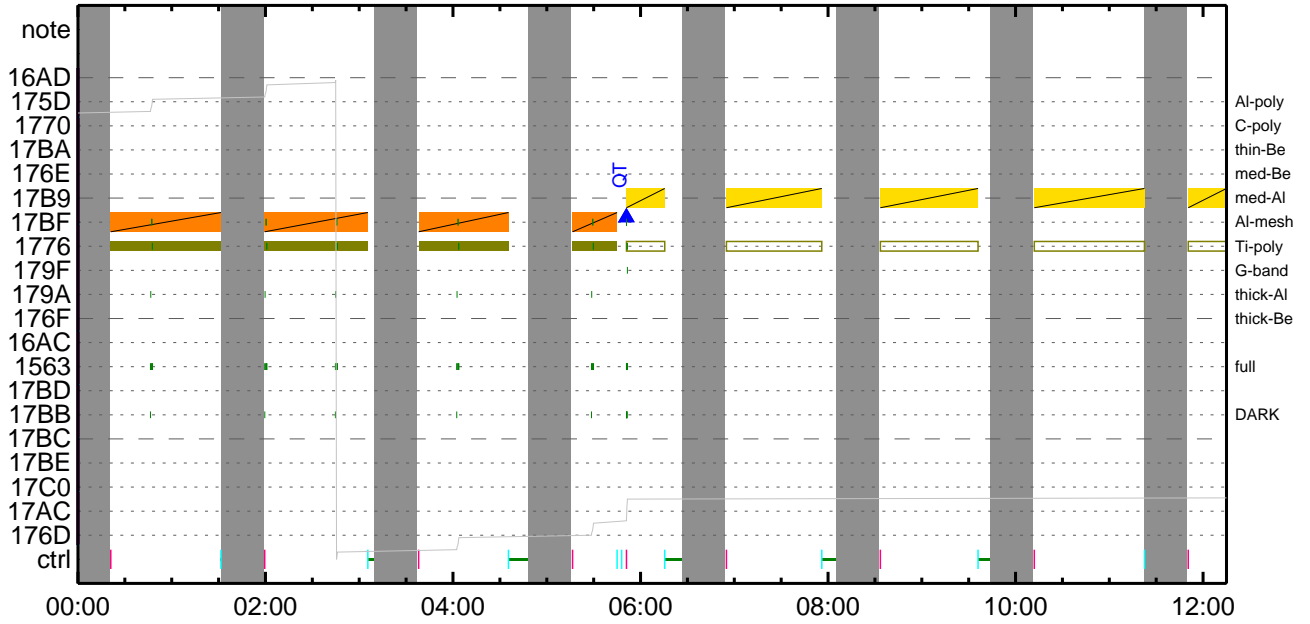
### CMDI #0263 2010/05/18



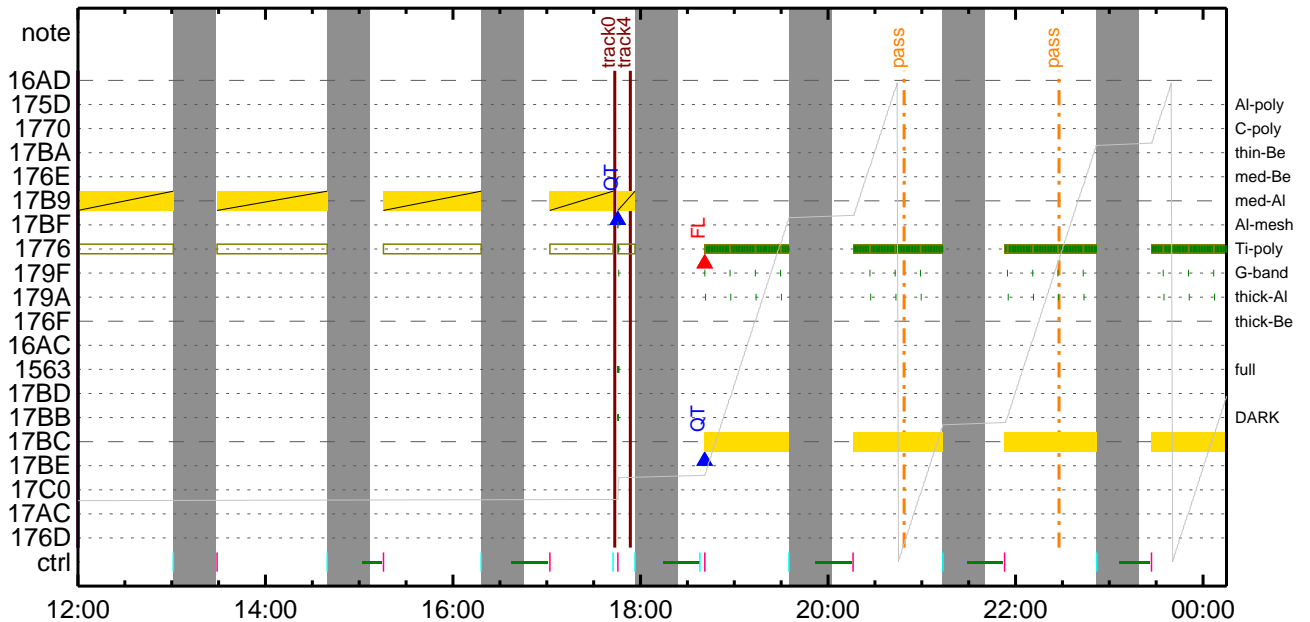
CMDI #0263 2010/05/18



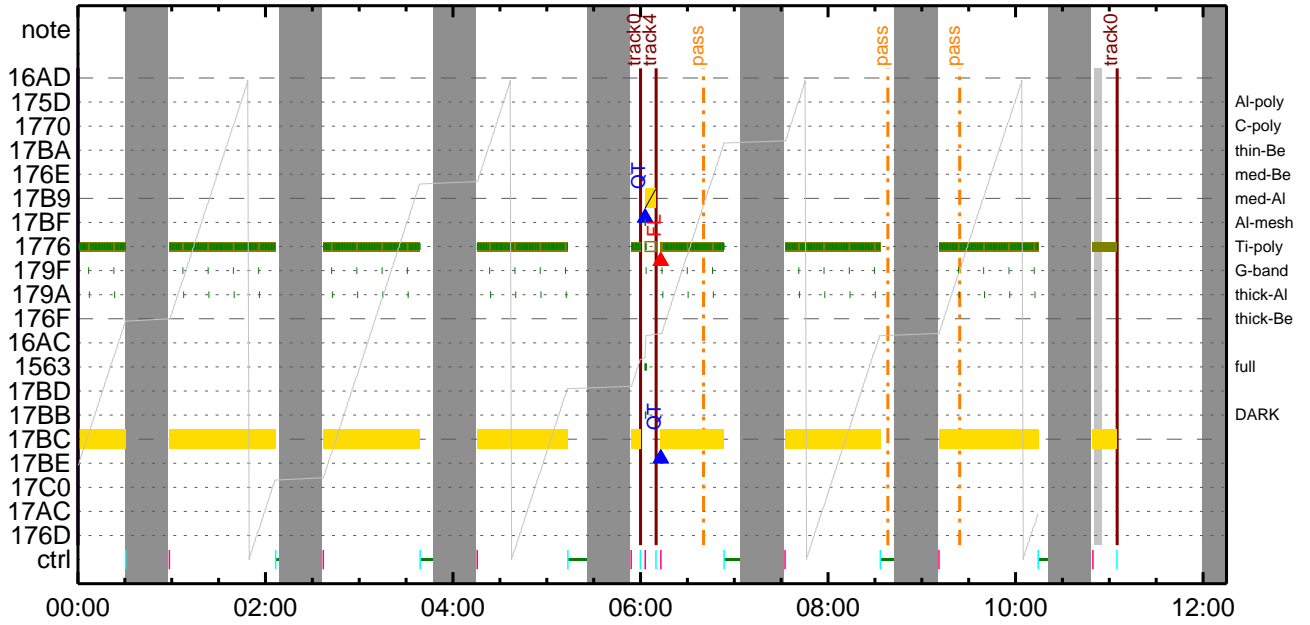
CMDI #0263 2010/05/19



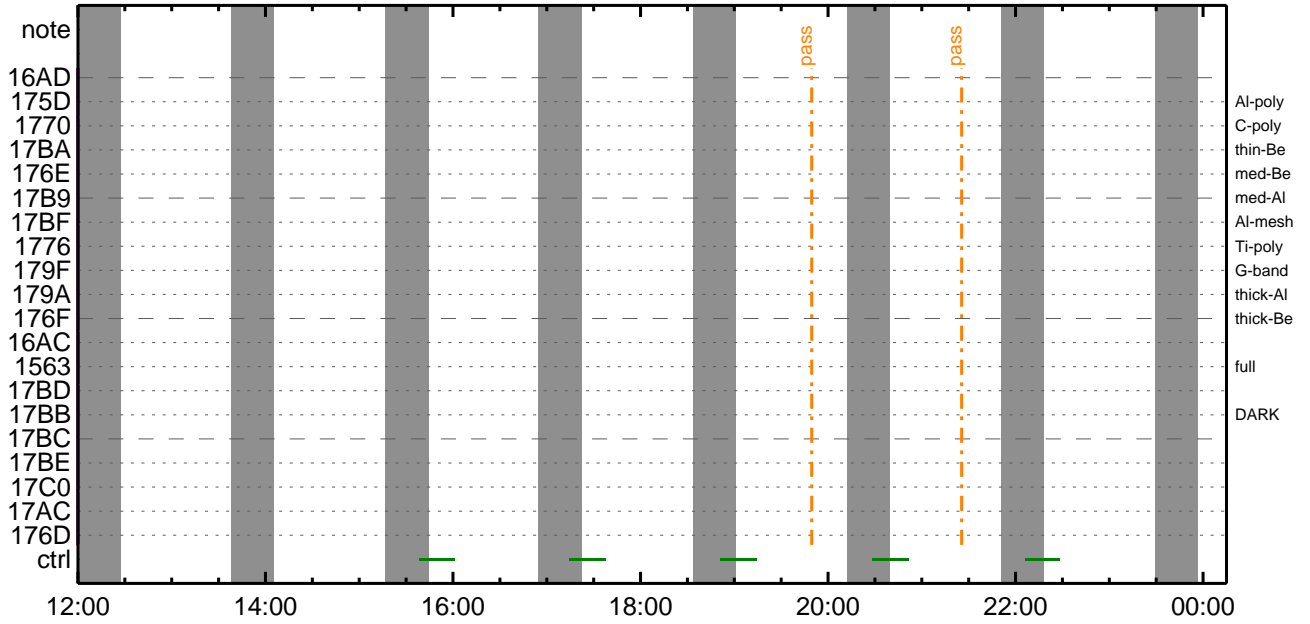
CMDI #0263 2010/05/19



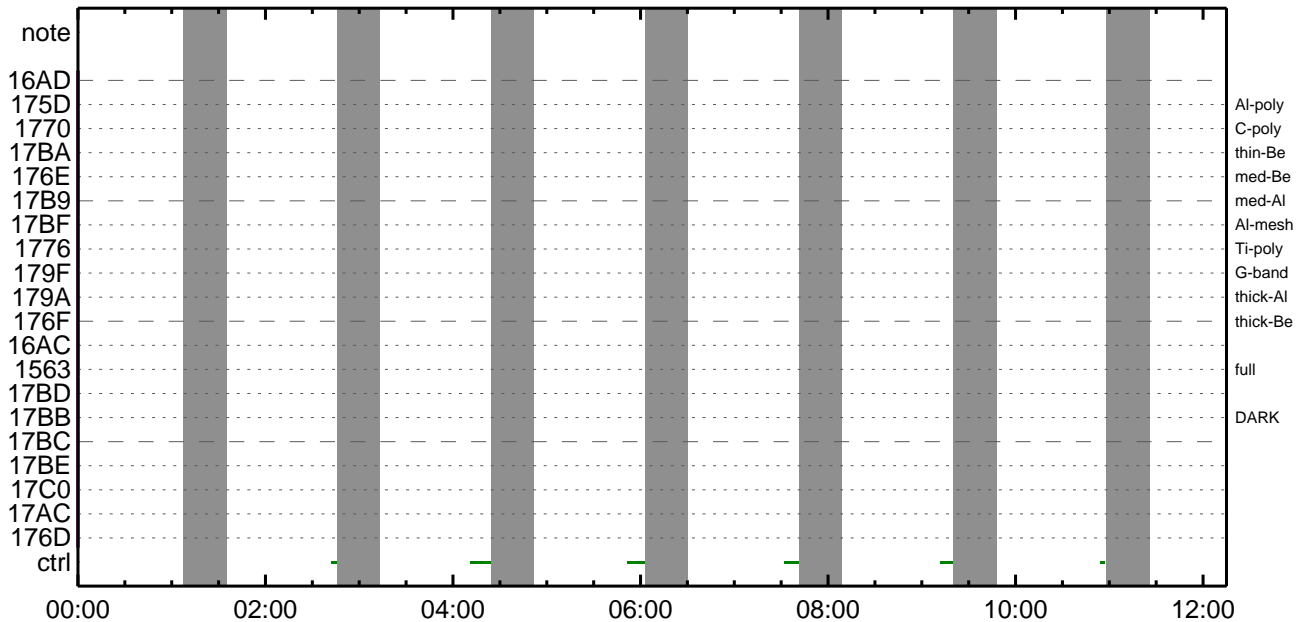
CMDI #0263 2010/05/20



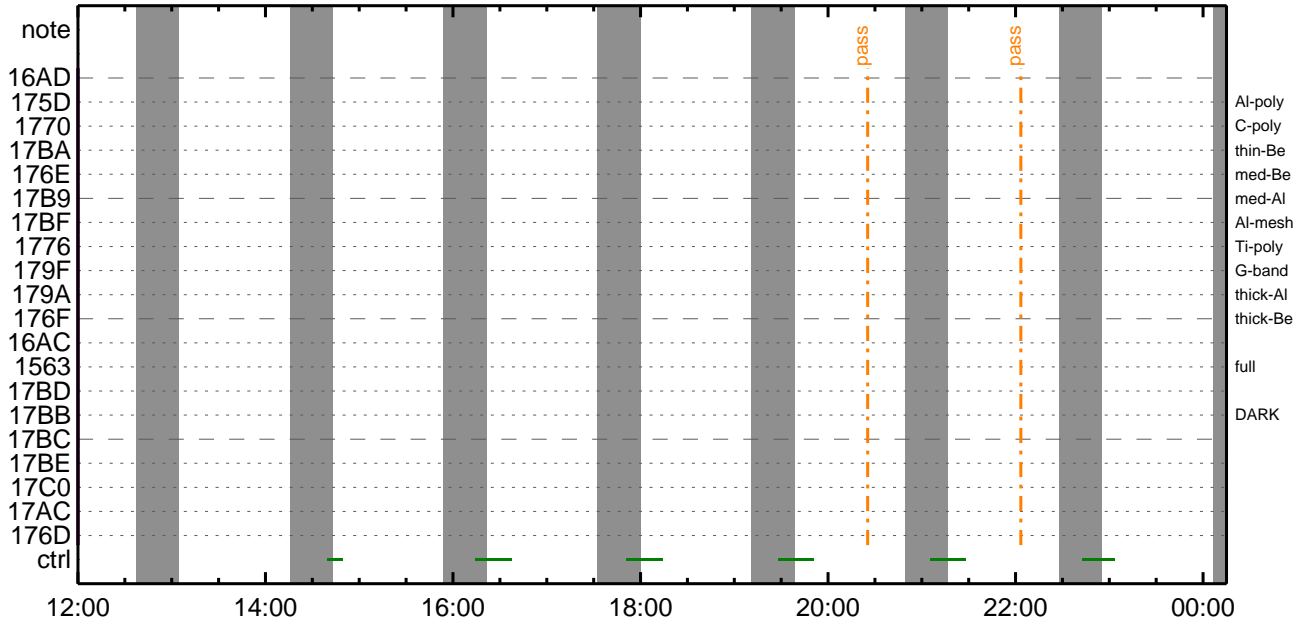
CMDI #0263 2010/05/20



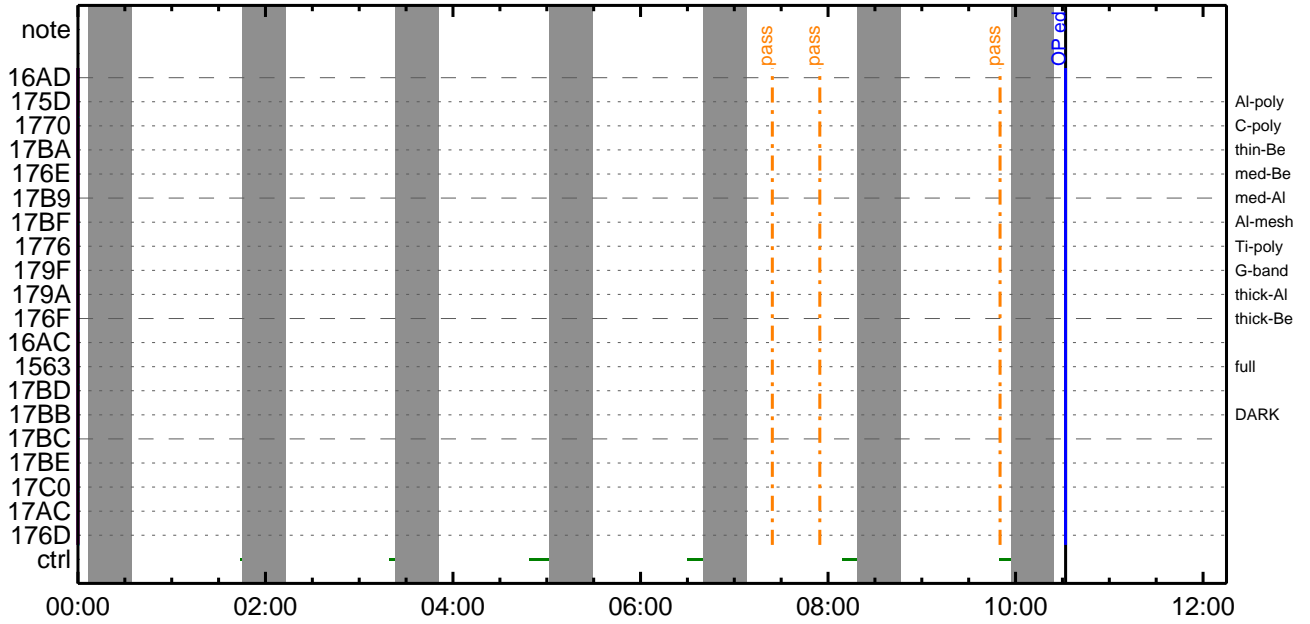
CMDI #0263 2010/05/21



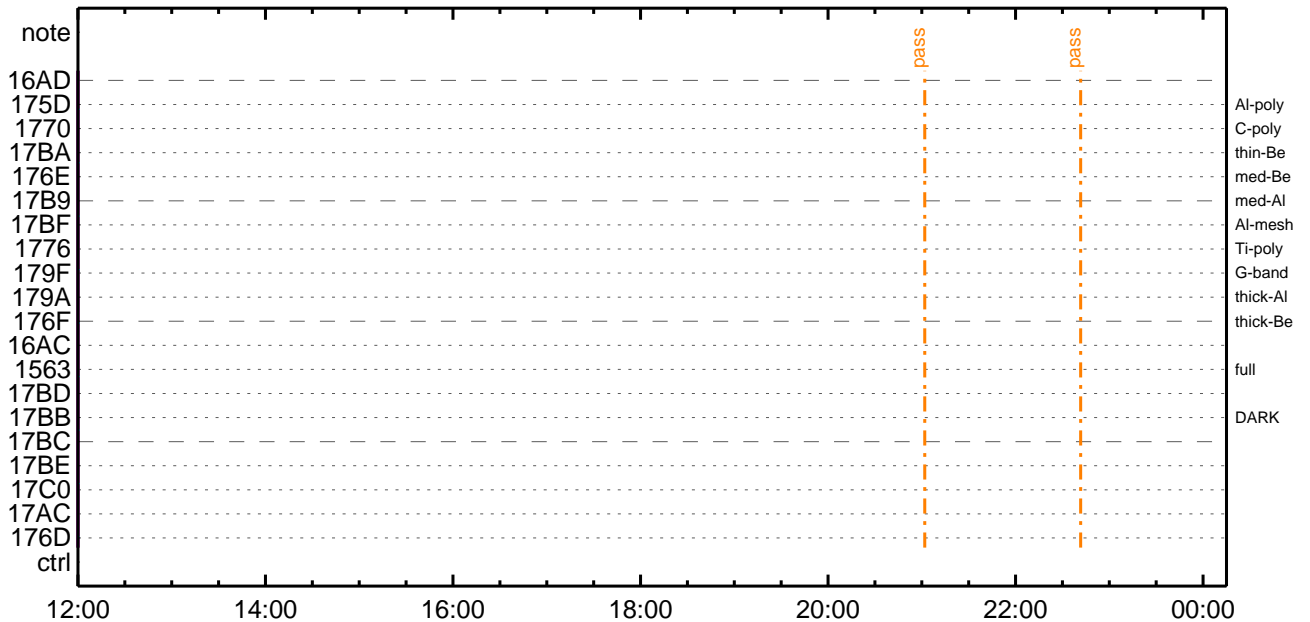
CMDI #0263 2010/05/21



CMDI #0263 2010/05/22



CMDI #0263 2010/05/22



(a) Spacecraft Operation Procedure (real-commands)

```
main-363 2010-05-17 12:08:20 289 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYŞ;¼Y³YÞYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ëð¿ðÁð•µ°Ë»Í×ÁÇðÍYÇYÁY×YÍ;¼YÉ;ËÈÈ½µ•íÉ;ËðÈ¼°Çðð•ð¿¼l¹çðí;çÀ®, ùð¹ðÈððçÁ+¿®ð•ðÈððð³ðÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿@µ;ON
0016 C. *****
0017 C. ç“ °ËÀ, Í×ËYðáLOSPðÇðí»p´Ôðð¹íí, ð•; çÉÔÍ×ðÈXÁÓONðí¹ÔðÈðíðÈððð³ðÈ;f
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. XYDÞÓYÉYÍYÁY-¾ÔÁðð-°ÁÀÈð•ð¿ðÉ; ç°È²¼ðí°ËÀ, ¼È½çðð¼Á¹Ôð¹ðÈ;f
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ËÀ,
0033 C. *****
0034 C. ç“ RESTART;ËPT1;Ëð•ð¿ð¼¼l¹çðí; ç°È²¼ðí¼Á¹Ôð»ð°; çDCBC-150ðØ¿Èðà;f
0035 C.
0036 . C. ;ãPT1°ËÀ, ³«»í;ã
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 (¼Á¹Ô, ;¼Ú)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0045 C.
0046 . C. ;ãYçYÓYÉYËÁÚÁØ;ËÁ•Á°²óÈð;Ë, áðí°ËÀ, °Ë³«;ã
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 (¼Á¹Ô, ;¼Ú)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ËÀ, ð-¼«Ë°Áá»ßð•ð¿, á; ç°È²¼ðð¼Á¹Ôð¹ðÈ;f
0055 C. YçYÓYÉYËÁÚÁØðáÁ•Á°²óÈðð-¼áð¼¼l¹çðí°í»ð¹ðÈððçÁÓðÁ;f
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ËÀ,
0059 C. *****
0060 C. ç“ RESTART;ËPT2;Ëð•ð¿ð¼¼l¹çðí; ç°È²¼ðí¼Á¹Ôð»ð°; çDCBC-151ðØ¿Èðà;f
0061 C.
0062 . C. ;ãPT2°ËÀ, ³«»í;ã
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 (¼Á¹Ô, ;¼Ú)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0071 C.
0072 . C. ;ãYçYÓYÉYËÁÚÁØ;ËÁ•Á°²óÈð;Ë, áðí°ËÀ, °Ë³«;ã
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 (¼Á¹Ô, ;¼Ú)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ËÀ, Áá»ß;çXÁ+¿@µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ËÀ, Áá»ß;ã
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+¿@µ;OFF;ã
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. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-363:OP
0104 ( )
0105 S. OG og-363:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYóYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYóYx½ªî»ð³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¾È¹ç•è²îOK²ð³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYóYx½ªî»ð³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¾È¹ç•è²îOK²ð³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYóYx½ªî»ð³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¾È¹ç•è²îOK²ð³îÇ§
0165 C.
0166 C. ***** òÈ²¼²î¾È¹ç•è²îOK²ð³îÇ§ *****
0167 C. DHUYâ;4YE;ã;E½Y½;Yi;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷ç©NG²î¾È¹ç•è²îOK²ð³îÇ§
0180 C. ²ð³îÇ§;çSET²EDUMPA²E±²î¾È¹ç•è²îOK²ð³îÇ§
0181 C.
0182 C. TIY³YpYóYÈ²ððÁDîç(UT)
0183 +. TI 2010-05-17 10:37:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2010-05-17 10:37:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2010-05-17 10:37:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-267: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-286:MDP_OBS_S
0128 ( )
0129 C.
0130 . C. < Dump RAMID=MDP_OBS_S >
0131 +. DC 07-F0 MDP_DUMP_SPTBL
0132 BC (83 07 00 00 00 38 b8)
0133 C. -----
0134 C. MDP_OBS_S verify = OK/NG [ ]
0135 C. -----
0136 C.
0137 . C. < Upload DPL table >
0138 C.
0139 C. ¥ç¥Ã¥×¥í;¼¥É°âÊSTS_CHKðOFFðËð¹ðë
0140 C.
0141 . S. RAM ram-271:MDP_DPL
0142 ( )
0143 C.
0144 . C. < Dump RAMID=MDP_DPL >
0145 +. DC 07-F0 MDP_DUMP_FGTBL
0146 BC (82 07 00 38 b8 00 40)
0147 C. -----
0148 C. MDP_DPL verify = OK [ ]
0149 C. -----
0150 C.
0151 C. STS_CHKðONðËð¹ðë
0152 C.
0153 . C. < Update MDP DSC PAR1 >
0154 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0155 BC (4c)
0156 C. MDP_CMD_CODE = F04C0700[ ]
0157 C. MDP_CMD_CNT (count-up 1) [ ]
0158 C. -----
0159 C.
0160 . C.
0161 C. *****
0162 C. SOT TI command set
0163 C. *****
0164 C. Execute, after the success of TBL upload.
0165 +. TI 2010-05-17 10:41:18.0
0166 DC 07-F0 MDP_SOT_MODE_OBSV
0167 BC (40)
0168 . C. -----
0169 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0170 C. -----
0171 C.
0172 C.
0173 C. ***** XRT START *****
0174 C.
0175 +. DC 07-F0 MDP_XRT_CTRL_MANU
0176 BC (c1)
0177 + DC 07-F0 MDP_XRT_MODE_STBY
0178 BC (c3)
0179 . C. ----- Success Verify ? OK / NG____
0180 C.
0181 C. XRT Obs. Table Upload
0182 . S. RAM ram-291:MDP_OBS_X
0183 ( )
0184 C.
0185 +. DC 07-F0 MDP_DUMP_XRTTBL
0186 BC (84 07 00 00 00 3a d4)
0187 . C. ----- Comparison Check ? OK / ERR ____
0188 C.
0189 C.
0190 +. DC 07-F0 MDP_XRT_ROI_SET
0191 BC (cd 01 b1 b1 04 04)
0192 + DC 07-F0 MDP_XRT_ROI_SET
0193 BC (cd 02 b1 b1 08 08)

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May 17, 10 12:08

XRT\_OGLIST\_0263.chk

Page 1/5

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

2010/05/17	10:52:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00	00	00	00
2010/05/17	11:51:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	11:51:56.0	XRT_FOCUS_RECALIBRATE_427_OG [0x1ab]							
		XRT_FOCUS_RECAL	2	07-F8	78	00			
2010/05/17	11:55:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/05/17	11:56:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/17	11:56:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/17	11:56:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/17	11:58:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/05/17	12:13:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	12:14:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	13:25:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	13:51:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	13:52:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	15:03:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	15:38:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	15:39:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	15:43:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	15:47:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	15:48:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	16:42:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	17:24:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	17:25:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	17:59:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/05/17	18:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2010/05/17	18:00:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/17	18:00:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/17	18:00:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/17	18:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2010/05/17	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	18:09:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/05/17	18:10:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01	00	00	00	00
2010/05/17	18:10:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/17	18:10:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/17	18:10:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/17	18:12:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/05/17	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	18:20:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	19:01:30.5	XRT_Custom_410_OG [0x19a]							
2010/05/17	19:02:30.5	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	19:59:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	20:38:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	20:39:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	21:37:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	22:15:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	22:16:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	23:16:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	23:44:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	23:45:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

May 17, 10 12:08

## XRT\_OGLIST\_0263.chk

Page 2/5

2010/05/18	00:54:30.0	XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	01:21:00.0	XRT_Custom_410_OG [0x19a]			
2010/05/18	01:22:00.0	XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	02:29:00.0	XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	02:59:30.0	XRT_Custom_410_OG [0x19a]			
2010/05/18	03:00:30.0	XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	03:57:00.0	XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	04:38:00.0	XRT_Custom_410_OG [0x19a]			
2010/05/18	04:39:00.0	XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	05:37:30.0	XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	06:16:30.0	XRT_Custom_410_OG [0x19a]			
2010/05/18	06:17:30.0	XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	06:19:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	06:19:56.0	XRT_FOCUS_POSITION_412_OG [0x19c] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/05/18	06:20:00.0	AOCS_OrE-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00
2010/05/18	06:20:16.0	XRT_FLD_DIS_413_OG [0x19d] MDP_XRT_FLD_DIS	1	07-F0	d9
2010/05/18	06:20:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/05/18	06:20:20.0	XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/18	06:22:58.0	XRT_QT_PROG_SET_438_OG [0x1b6] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2010/05/18	06:23:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	06:29:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	06:29:56.0	XRT_FOCUS_POSITION_407_OG [0x197] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/18	06:30:00.0	AOCS_OrE-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 ac 00 00 00
2010/05/18	06:30:16.0	XRT_QT_PROG_SET_430_OG [0x1ae] MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2010/05/18	06:30:18.0	XRT_ARS_DIS_425_OG [0x1a9] MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/18	06:30:20.0	XRT_FLD_DIS_426_OG [0x1aa] MDP_XRT_FLD_DIS	1	07-F0	d9
2010/05/18	06:30:22.0	XRT_FLRCTRL_DIS_419_OG [0x1a3] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/05/18	06:45:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	08:29:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	08:29:56.0	XRT_FOCUS_POSITION_407_OG [0x197] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/18	08:30:00.0	AOCS_OrE-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00 00 00 54 00
2010/05/18	08:30:16.0	XRT_QT_PROG_SET_424_OG [0x1a8] MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2010/05/18	08:30:18.0	XRT_ARS_DIS_425_OG [0x1a9] MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/18	08:30:20.0	XRT_FLD_DIS_426_OG [0x1aa] MDP_XRT_FLD_DIS	1	07-F0	d9
2010/05/18	08:30:22.0	XRT_FLRCTRL_DIS_419_OG [0x1a3] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/05/18	08:45:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	10:29:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	10:30:00.0	AOCS_OrE-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00 00 00 ac 00
2010/05/18	12:30:00.0	AOCS_OrE-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	03 00 00 00 00
2010/05/18	18:00:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	18:00:56.0	XRT_FOCUS_POSITION_412_OG [0x19c] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/05/18	18:01:00.0	AOCS_OrE-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00
2010/05/18	18:01:16.0	XRT_FLD_DIS_413_OG [0x19d] MDP_XRT_FLD_DIS	1	07-F0	d9
2010/05/18	18:01:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/05/18	18:01:20.0	XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/18	18:03:58.0	XRT_QT_PROG_SET_438_OG [0x1b6] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2010/05/18	18:04:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	18:30:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	18:30:02.0	XRT_FOCUS_POSITION_412_OG [0x19c]			

May 17, 10 12:08

## XRT\_OGLIST\_0263.chk

Page 3/5

2010/05/18	18:30:22.0	XRT_AEC_RESET_428_OG [0x1ac]	4	07-F8	22 ff aa 00
		MDP_XRT_AEC_RESET	1	07-F0	d0
2010/05/18	18:30:24.0	XRT_FLD_ENA_402_OG [0x192]	1	07-F0	d8
		MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/18	18:30:26.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	1	07-F0	c8
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/18	18:30:28.0	XRT_FLD_RESET_403_OG [0x193]	1	07-F0	da
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/18	18:30:30.0	XRT_ARS_DIS_415_OG [0x19f]	1	07-F0	d5
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/18	18:33:08.0	XRT_QT_PROG_SET_443_OG [0x1bb]	2	07-F0	c4 0e
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2010/05/18	18:33:10.0	XRT_FL_PROG_SET_442_OG [0x1ba]	2	07-F0	c5 0d
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/18	18:33:12.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	18:57:30.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	19:38:00.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/18	19:39:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	20:36:00.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	21:15:30.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/18	21:16:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	22:14:30.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/18	22:51:00.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/18	22:52:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/18	23:53:00.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	00:20:00.5	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/19	00:21:00.5	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/19	01:31:30.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	01:58:30.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/19	01:59:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/19	03:05:30.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	03:37:00.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/19	03:38:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/19	04:35:30.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	05:15:30.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/19	05:16:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/19	05:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	05:47:54.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	05:47:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]	4	07-F8	22 ff aa 00
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/05/19	05:48:16.0	XRT_FLD_DIS_413_OG [0x19d]	1	07-F0	d9
		MDP_XRT_FLD_DIS	1	07-F0	d9
2010/05/19	05:48:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	1	07-F0	c9
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/05/19	05:48:20.0	XRT_ARS_DIS_415_OG [0x19f]	1	07-F0	d5
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/19	05:50:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]	2	07-F0	c4 0f
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2010/05/19	05:51:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/19	06:15:30.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	06:54:00.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/19	06:55:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/19	07:56:00.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	08:32:30.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/19	08:33:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/19	09:36:00.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	10:11:00.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/19	10:12:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/19	11:22:30.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	11:49:30.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/19	11:50:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/19	13:01:00.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0	c1
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/19	13:28:00.0	XRT_Custom_410_OG [0x19a]	1	07-F0	c0
2010/05/19	13:29:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO	1	07-F0	c0



May 17, 10 12:08

## XRT\_OGLIST\_0263.chk

Page 4/5

2010/05/19	14:39:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/19	15:14:30.0	XRT_Custom_410_OG [0x19a]						
2010/05/19	15:15:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/19	16:18:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/19	17:01:00.0	XRT_Custom_410_OG [0x19a]						
2010/05/19	17:02:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/19	17:42:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/19	17:42:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2010/05/19	17:42:46.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/05/19	17:42:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/05/19	17:42:50.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/05/19	17:43:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00 00	
2010/05/19	17:45:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f	
2010/05/19	17:45:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/19	17:53:30.0	AOCS_Ore-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	04 00 00 00	00 00	
2010/05/19	17:56:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/19	18:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/19	18:38:02.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00	
2010/05/19	18:38:22.0	XRT_AEC_RESET_428_OG [0x1ac]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/05/19	18:38:24.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/05/19	18:38:26.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/05/19	18:38:28.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/05/19	18:38:30.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/05/19	18:41:04.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2010/05/19	18:41:06.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2010/05/19	18:41:08.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/19	19:35:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/19	20:15:00.0	XRT_Custom_410_OG [0x19a]						
2010/05/19	20:16:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/19	21:13:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/19	21:52:00.0	XRT_Custom_410_OG [0x19a]						
2010/05/19	21:53:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/19	22:52:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/19	23:26:00.0	XRT_Custom_410_OG [0x19a]						
2010/05/19	23:27:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/20	00:30:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/20	00:57:30.0	XRT_Custom_410_OG [0x19a]						
2010/05/20	00:58:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/20	02:06:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/20	02:36:00.0	XRT_Custom_410_OG [0x19a]						
2010/05/20	02:37:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/20	03:39:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/20	04:14:30.0	XRT_Custom_410_OG [0x19a]						
2010/05/20	04:15:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/20	05:13:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/20	05:53:00.0	XRT_Custom_410_OG [0x19a]						
2010/05/20	05:54:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/05/20	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/05/20	05:59:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2010/05/20	06:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00 00	
2010/05/20	06:00:16.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		

May 17, 10 12:08

## XRT\_OGLIST\_0263.chk

Page 5/5

2010/05/20	06:00:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/05/20	06:00:20.0	XRT_ARS_DIS_415_OG [0x19f]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/20	06:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2010/05/20	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/20	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/20	06:09:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/20	06:10:00.0	AOCS_Ore-point_Start_8_OG [0x09e]			
		AOCU_NM	5	02-76	04 00 00 00 00
2010/05/20	06:10:16.0	XRT_AEC_RESET_428_OG [0x1ac]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2010/05/20	06:10:18.0	XRT_FLD_ENA_402_OG [0x192]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/20	06:10:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/20	06:10:22.0	XRT_FLD_RESET_403_OG [0x193]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/20	06:10:24.0	XRT_ARS_DIS_405_OG [0x195]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/20	06:12:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2010/05/20	06:13:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/20	06:13:02.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/20	06:53:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/20	07:31:30.0	XRT_Custom_410_OG [0x19a]			
2010/05/20	07:32:30.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/20	08:33:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/20	09:10:00.0	XRT_Custom_410_OG [0x19a]			
2010/05/20	09:11:00.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/20	10:14:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/20	10:48:30.0	XRT_Custom_410_OG [0x19a]			
2010/05/20	10:49:30.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/20	11:04:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/20	11:05:00.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00