

# XRT Timeline to be uploaded on 2009/09/15

Period: 2009/09/15 11:27:00 - 2009/09/19 10:23:00

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**Normal mode**

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<b>XOB #1704: HOP 130 - Multifilter QS - FOV 512 - AEC0 - Q95</b>													
Term		Pointing (x, y)				Comment							
09/15 11:40:00 - 09/15 11:52:54		Fixed ( 936.0, 0.0)				# OP start + 10min HOP130 1/15							
09/15 11:56:00 - 09/15 12:08:54		Fixed ( 468.0, 0.0)				HOP130 2/15							
09/15 12:28:00 - 09/15 12:40:54		Fixed ( -468.0, 0.0)				4/15							
09/15 12:44:00 - 09/15 12:56:54		Fixed ( -936.0, 0.0)				5/15							
09/15 13:00:00 - 09/15 13:06:54		Fixed ( 815.0, 470.0)				6/15							
09/15 13:10:00 - 09/15 13:22:54		Fixed ( 411.0, 847.0)				7/15							
09/15 13:26:00 - 09/15 13:38:54		Fixed ( 0.0, 941.0)				8/15							
09/15 13:42:00 - 09/15 13:54:54		Fixed ( -411.0, 847.0)				9/15							
09/15 13:58:00 - 09/15 14:04:54		Fixed ( -815.0, 470.0)				10/15							
09/15 14:08:00 - 09/15 14:14:54		Fixed ( 815.0, -470.0)				11/15							
09/15 14:18:00 - 09/15 14:50:54		Fixed ( 411.0, -847.0)				12/15							
09/15 14:54:00 - 09/15 15:06:54		Fixed ( 0.0, -941.0)				13/15							
09/15 15:10:00 - 09/15 15:22:54		Fixed ( -411.0, -847.0)				14/15							
09/15 15:26:00 - 09/15 15:39:54		Fixed ( -815.0, -471.0)				15/15							
<b>PROG= 07 2-time(s)</b>													
└ Subr= 1 1-time(s) 2.0sec													
└ Seqn= 2 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	0.5sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	22.6s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
└ Seqn= 38 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	0.5sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
└ Seqn= 12 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	0.5sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	45.2s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
└ Seqn= 93 1-time(s) 2.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	64.0s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
└ Seqn= 77 1-time(s) 2.0sec													
	med-Be/Open	med-Be/Open	close	Safe	Norm	64.0s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
└ Seqn= 48 1-time(s) 2.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Dark	22.6s	Obs	1x1	512x512 (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 #1705: Synoptic 9 Filter +med-Be - 2x2 Q98 Longer exp</b>													
Term		Pointing (x, y)				Comment							
09/15 12:12:00 - 09/15 12:24:54		Fixed ( 0.0, 0.0)				3/15							
09/15 15:47:00 - 09/15 18:09:24		Fixed ( 0.0, 0.0)				HOP134 on disc center							
<b>PROG= 16 1-time(s)</b>													
└ Subr= 1 1-time(s) 180.0sec													
└ Seqn= 39 1-time(s) 30.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 19 1-time(s) 30.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 6 1-time(s) 30.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 52 1-time(s) 30.0sec													
	C-poly/Open	C-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	C-poly/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 90 1-time(s) 30.0sec													
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 55 1-time(s) 30.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Subr= 2 1-time(s) 360.0sec													
└ Seqn= 20 1-time(s) 4.0sec													
	med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 95 1-time(s) 2.0sec													
	med-Be/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 45 1-time(s) 4.0sec													
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 50 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 92 1-time(s) 4.0sec													
	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 #16D9: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) +Ti-poly(723/11571) + G-band(1</b>												
Term		Pointing (x, y)				Comment						

09/15 18:12:30 - 09/15 18:19:24 Fixed ( 0.0, 0.0) synoptic, shifted 9.5 min  
 09/16 18:53:00 - 09/16 18:59:54 Fixed ( 0.0, 0.0) synoptic, shifted +50.0 min

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

- └─ **Subr= 1 1-time(s) 12.0sec**
  - └─ **Seqn= 36 1-time(s) 4.0sec**
    - └─ Al-poly/Open Al-poly/Open close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
    - └─ Al-poly/Open Al-poly/thick-Al close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
  - └─ **Seqn= 85 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= 88 1-time(s) 4.0sec**
    - └─ Open/Ti-poly Open/thick-Al close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
    - └─ Open/Ti-poly Open/thick-Al close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
  - └─ **Seqn= 92 1-time(s) 2.0sec**
    - └─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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**XOB #1703: QS Dynamics 2-filter - Al/poly 16s, Al/mesh 12s, G-band - 384x384**

Term	Pointing (x, y)	Comment
09/15 18:22:30 - 09/16 02:45:00	Track ( -171.2, -181.4) @ 09/15 18:19:30	# EIS bright pointing obs
09/16 19:03:00 - 09/17 03:46:30	Track ( 56.7, -182.9) @ 09/16 19:00:00	#EIS bright pointing obs

**PROG= 19 Inf.-time(s)**

- └─ **Subr= 2 1-time(s) 2.0sec**
  - └─ **Seqn= 5 1-time(s) 30.0sec**
    - └─ Open/Al-mesh Open/Al-mesh close Safe Norm 11.3s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
    - └─ Al-poly/Open Al-poly/Open close Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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**XOB #16D8: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) +Ti-poly(723/11571) + G-band(**

Term	Pointing (x, y)	Comment
09/16 05:59:30 - 09/16 10:49:54	Fixed ( 0.0, 0.0)	synoptic, shifted -3.5 min
09/17 06:03:00 - 09/17 11:04:00	Fixed ( 0.0, 0.0)	synoptic

**PROG= 14 1-time(s)**

- └─ **Subr= 1 1-time(s) 12.0sec**
  - └─ **Seqn= 47 1-time(s) 4.0sec**
    - └─ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
    - └─ Open/Al-mesh Open/Ti-poly close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
  - └─ **Seqn= 85 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= 88 1-time(s) 4.0sec**
    - └─ Open/Ti-poly Open/thick-Al close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
    - └─ Open/Ti-poly Open/thick-Al close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
  - └─ **Seqn= 92 1-time(s) 2.0sec**
    - └─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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**XOB #16C8: HOP81 2-filter - Al/poly 16s, Al/mesh 12s, G-band - 384x384**

Term	Pointing (x, y)	Comment
09/16 10:53:00 - 09/16 18:49:54	Fixed ( 0.0, 910.0)	HOP81

**PROG= 04 Inf.-time(s)**

- └─ **Subr= 1 1-time(s) 2.0sec**
  - └─ **Seqn= 1 1-time(s) 2.0sec**
    - └─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
- └─ **Subr= 2 1-time(s) 2.0sec**
  - └─ **Seqn= 5 60-time(s) 30.0sec**
    - └─ Open/Al-mesh Open/Al-mesh close Safe Norm 11.3s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
    - └─ Al-poly/Open Al-poly/Open close Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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**Flare mode**

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NOT USED

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**Active Region Search**

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NOT USED

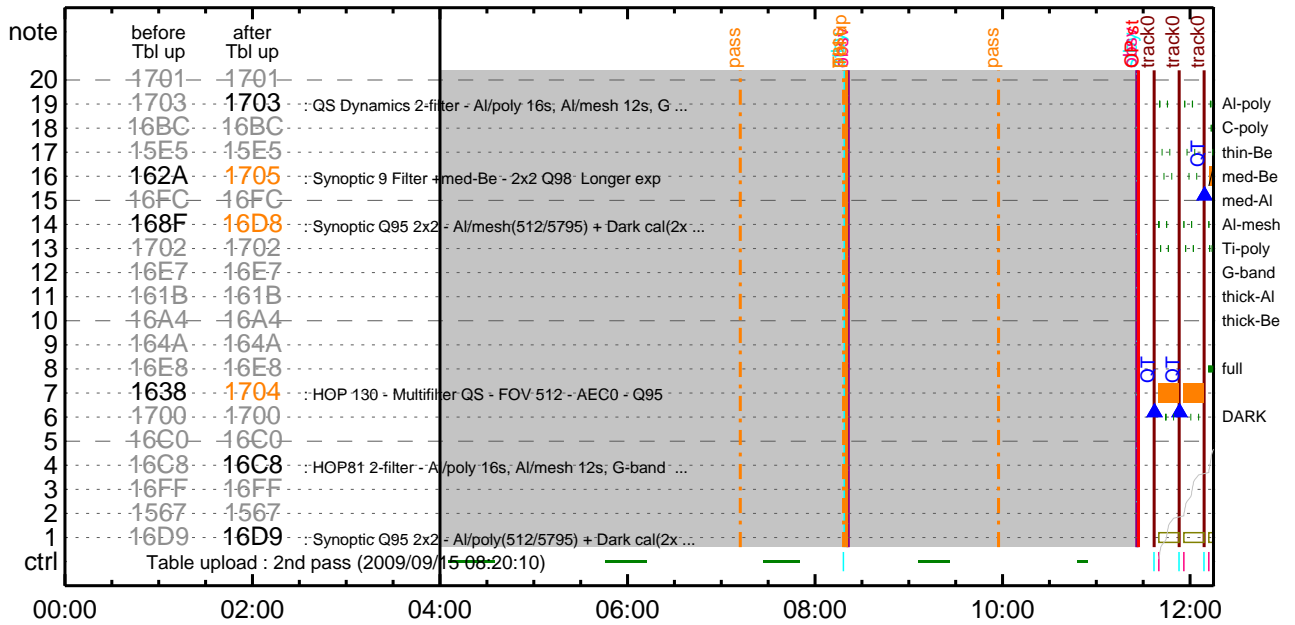
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**Flare Detection**

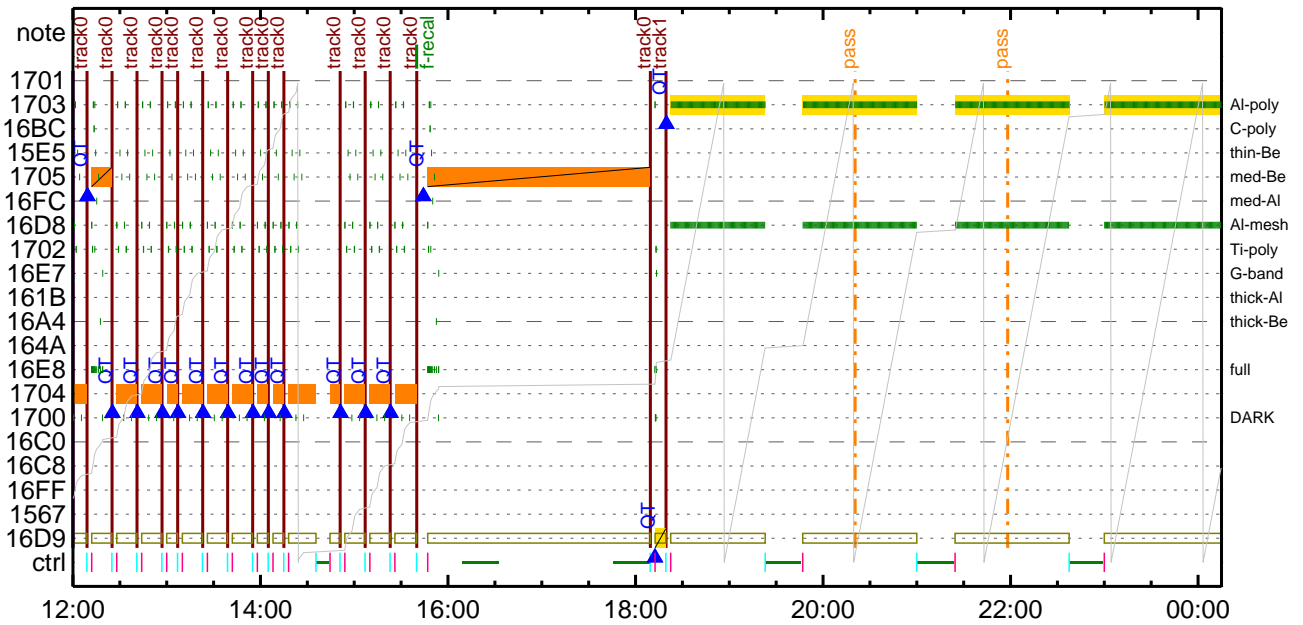
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NOT USED

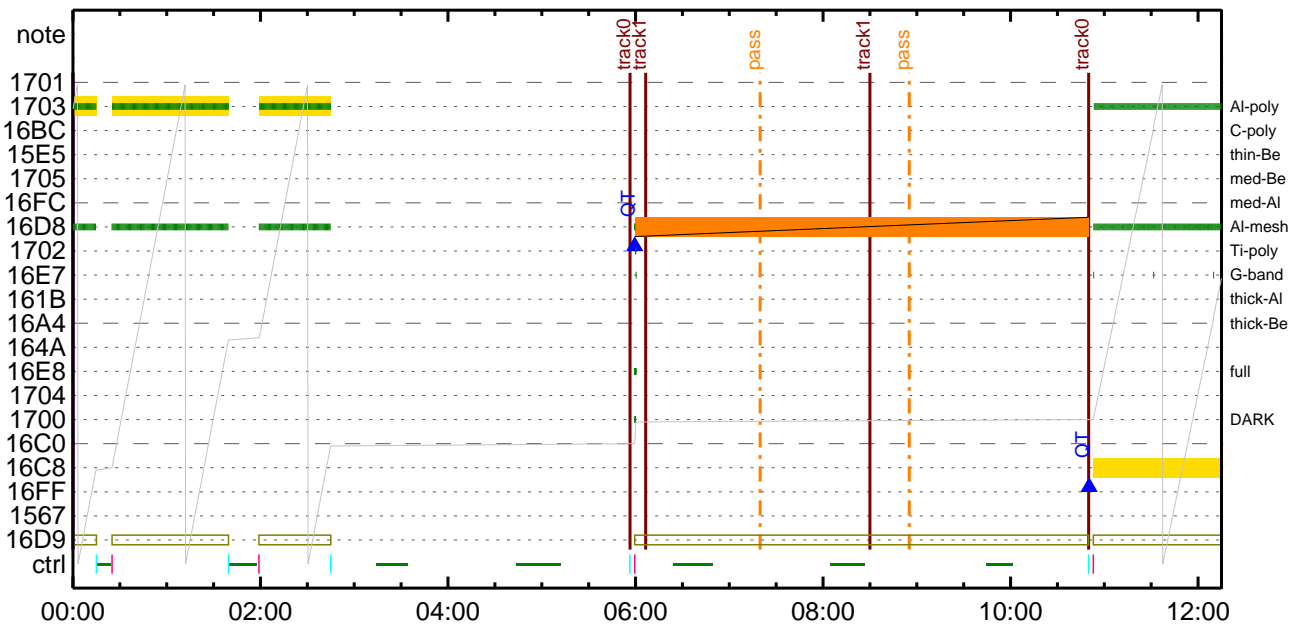
### CMDI #0796 2009/09/15



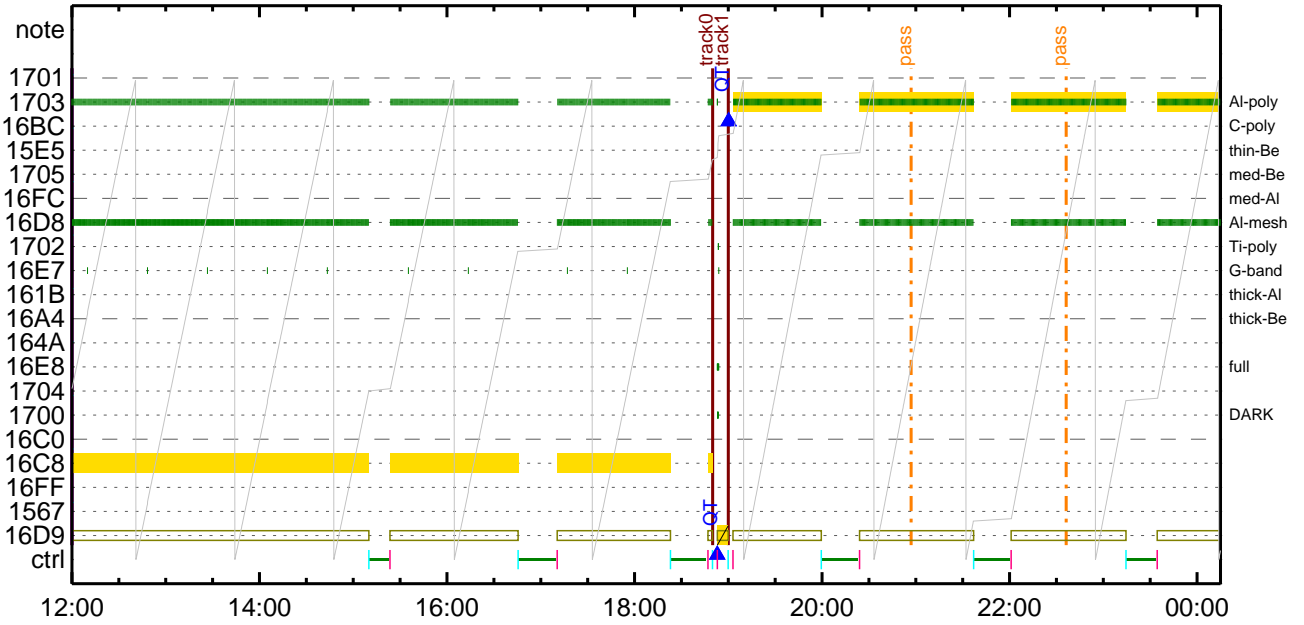
### CMDI #0796 2009/09/15



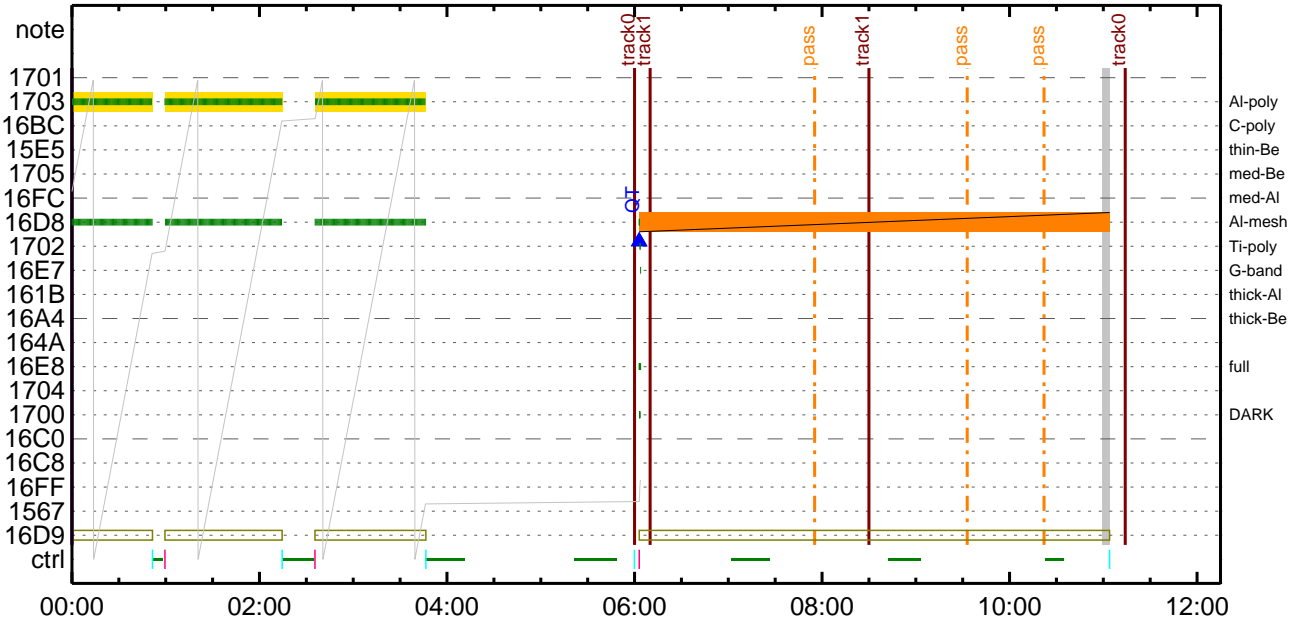
### CMDI #0796 2009/09/16



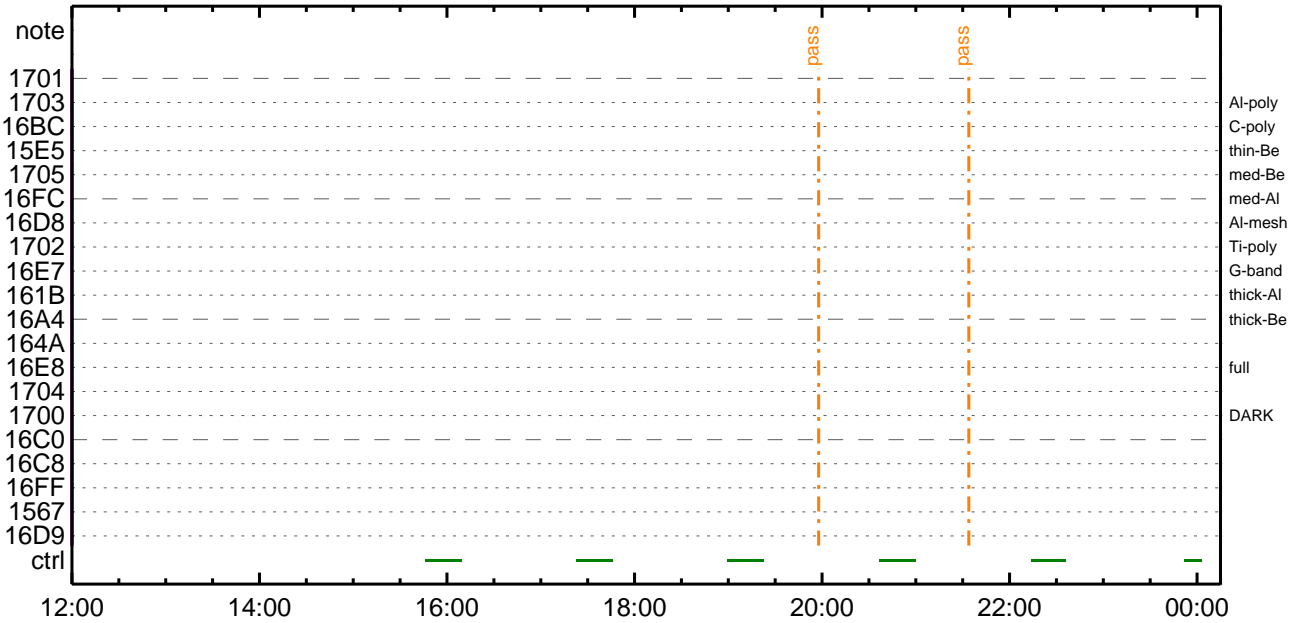
### CMDI #0796 2009/09/16



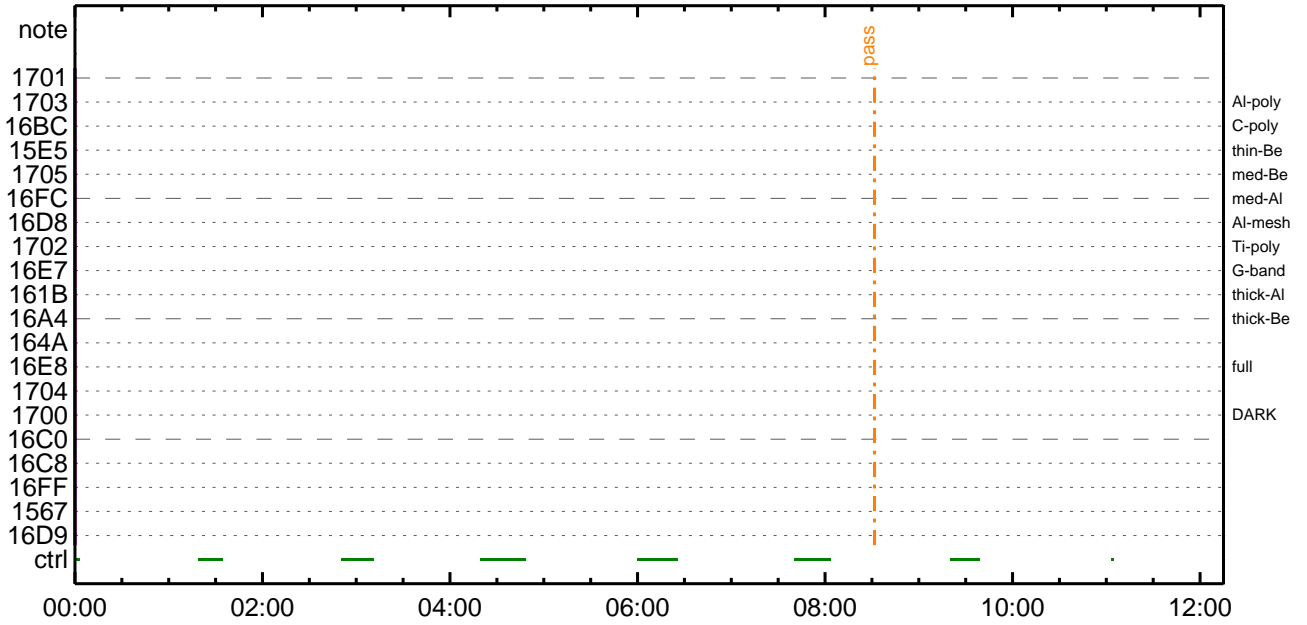
### CMDI #0796 2009/09/17



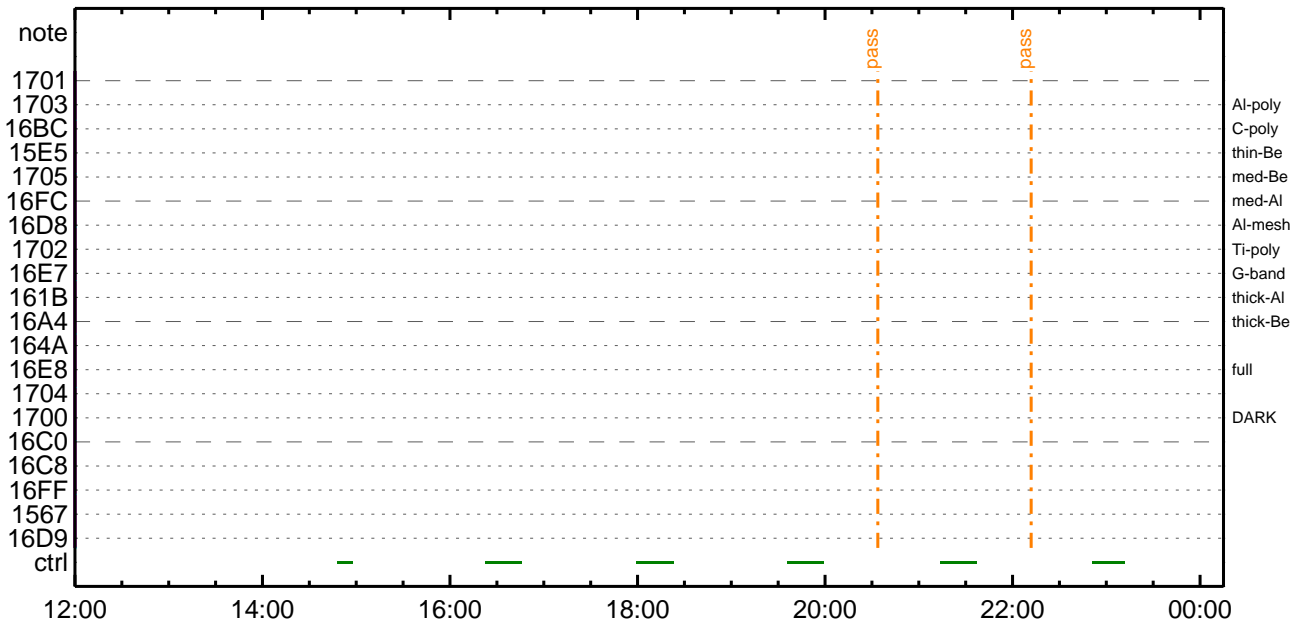
### CMDI #0796 2009/09/17



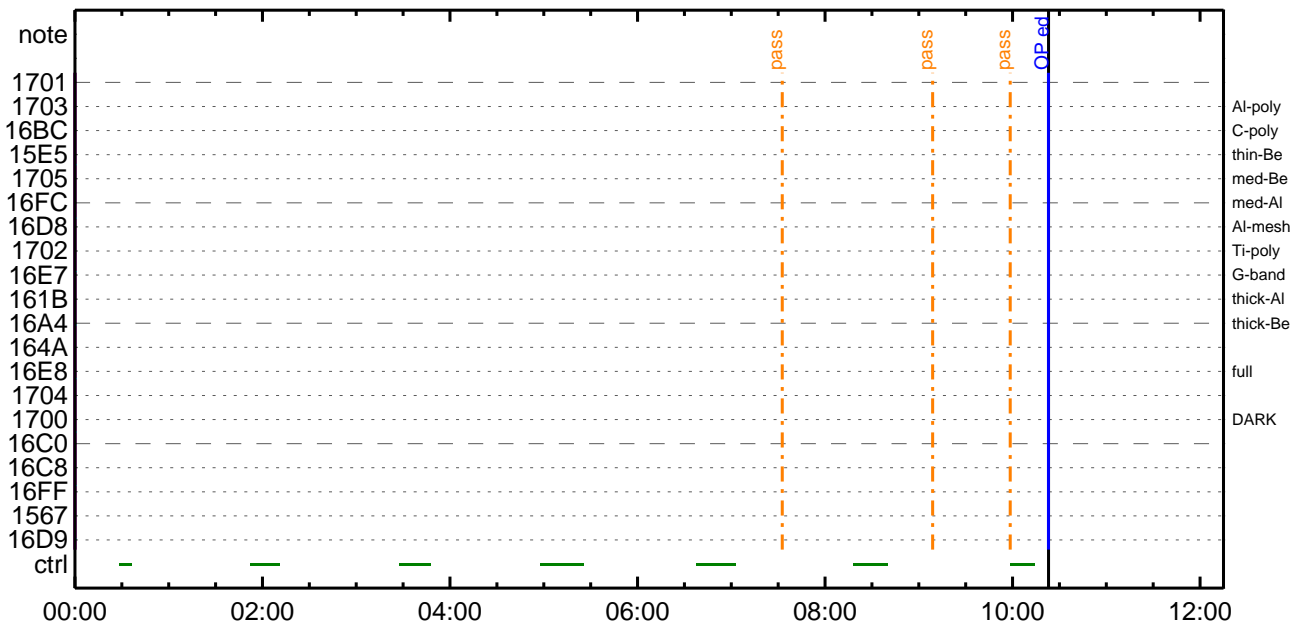
CMDI #0796 2009/09/18



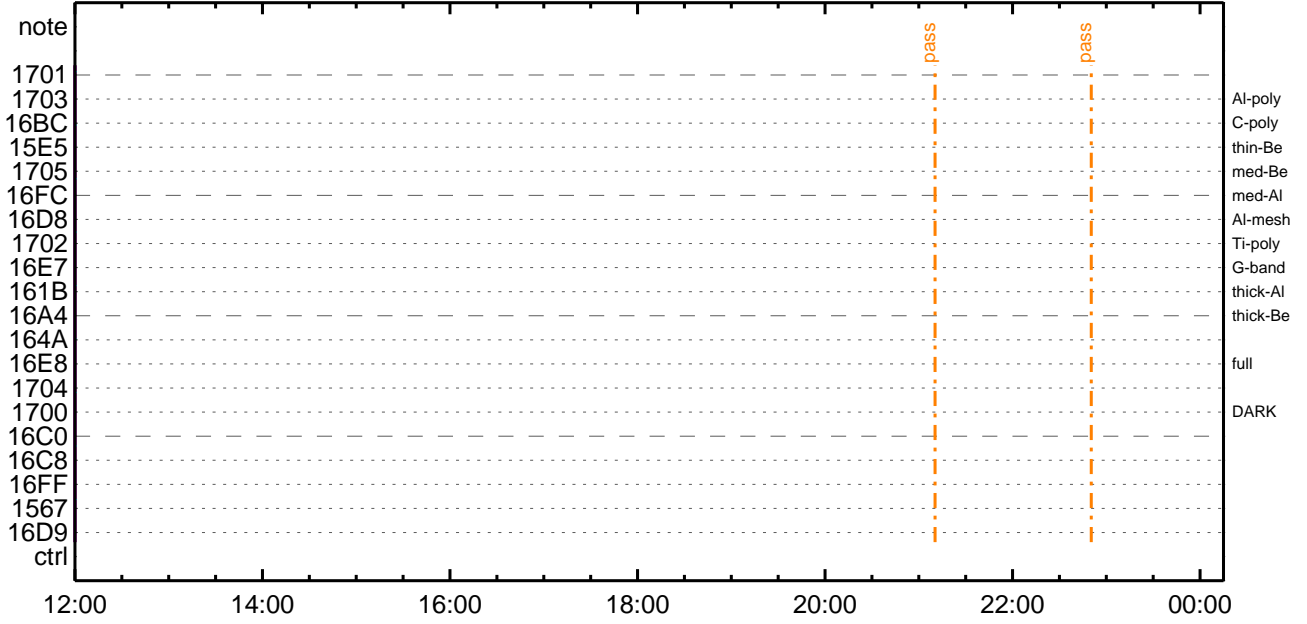
CMDI #0796 2009/09/18



CMDI #0796 2009/09/19



CMDI #0796 2009/09/19







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0096 C.          01-03; SET 01-03 DUMP 01-03 01-03 01-03 01-03; E
0097 C.
0098 C. TI 2009-09-15 11:22:00.0
0099 +. TI 2009-09-15 11:22:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0102 C.
0103 +. TI 2009-09-15 11:22:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0106 C.
0107 +. TI 2009-09-15 11:22:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0110 C.
0111 +. TI 2009-09-15 11:26:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0114 C.
0115 C.          01-03; SET 01-03 DUMP 01-03 01-03 01-03 01-03; E
0116 C.          [ ] [HK1_TI_CMD_ENA/DIS]          EQ          ENA
0117 C.          [ ] [HK1_TI_CMD_NUM]          EQ          4
0118 C.          [ ] [HK1_NEXT_EXEC_PIM]          EQ          DHU
0119 C.          [ ] [HK1_NEXT_EXEC_DC]          EQ          0xB3
0120 C.
0121 C. *****
0122 C. TI 2009-09-15 11:26:59.5
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF; 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC          (03 ab 03 01 02)
0128 C.          [ ] [HK1_DMP_TOP_ADRS_1]          EQ          07
0129 C.          [ ] [HK1_DMP_TOP_ADRS_0]          EQ          2B
0130 C.          [ ] [HK1_DMP_BLOCK_NUM]          EQ          3
0131 C.          [ ] [HK1_DMP_REPEAT_NUM]          EQ          0
0132 C.          [ ] [HK1_DMA_DMP_PIM]          EQ          DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          [ ] [HK1_PKT_FORM_NO]          EQ          7
0136 C.          [ ] [HK1_PKT_GEN_TIME]          EQ          0.25 s
0137 C.          [ ] [HK1_S_TLM_BIT_RATE]          EQ          32k
0138 C.          [ ] [HK1_X_TLM_BIT_RATE]          EQ          4M
0139 C.          [ ] [HK1_DMP_CHK_FLG]          EQ          EXEC
0140 C.
0141 C.          01-03; SET 01-03 DUMP 01-03 01-03 01-03 01-03; E
0142 C.          [ ] [HK1_DMP_CHK_FLG]          EQ          NON
0143 C.
0144 C. RAM ID=TI_TBL 01-03; SET 01-03 DUMP 01-03 01-03 01-03 01-03; E
0145 C.
0146 C. DHU 01-03; SET 01-03 DUMP 01-03 01-03 01-03 01-03; E
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          [ ] [HK1_PKT_FORM_NO]          EQ          2
0150 C.          [ ] [HK1_PKT_GEN_TIME]          EQ          0.5S
0151 C.          [ ] [HK1_S_TLM_BIT_RATE]          EQ          32K
0152 C.          [ ] [HK1_X_TLM_BIT_RATE]          EQ          4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2009-09-15 11:26:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC          (21 02)
0163 +. TI 2009-09-15 11:26:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC          (22)
0166 C.          [ ] [HK1_TI_CMD_NUM]          EQ          2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C. *****
0171 C. SOT TI command set
0172 C. *****
0173 C. Execute, after the success of OP upload.
0174 +. TI 2009-09-15 11:26:16.0
0175 DC 07-F0 MDP_SOT_MODE_STBY
0176 BC          (41)
0177 C. -----
0178 C.          HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0179 C. -----
0180 C. ***** SOT END *****
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2009-09-15 11:26:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC          (c3)
0187 C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 C. ***** MDP 01-03; SET 01-03 DUMP 01-03 01-03 01-03 01-03; E *****
0192 C. (01-03; SET 01-03 DUMP 01-03 01-03 01-03 01-03; E)
0193 C. DC-BC dcbc-402:DCBC

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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
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0096 C.
0097 C.
0098 . C. ***** 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. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 + DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 1398634.3 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 C.
0139 C. ***** XRT START *****
0140 C.
0141 +. DC 07-F0 MDP_XRT_CTRL_MANU
0142 BC (c1)
0143 + DC 07-F0 MDP_XRT_MODE_STBY
0144 BC (c3)
0145 . C. ----- Success Verify ? OK / NG_____
0146 C.
0147 C. XRT Obs. Table Upload
0148 . S. RAM ram-291:MDP_OBS_X
0149 ( )
0150 C.
0151 +. DC 07-F0 MDP_DUMP_XRTTBL
0152 BC (84 07 00 00 00 3a d4)
0153 . C. ----- Comparison Check ? OK / ERR _____
0154 C.
0155 C.
0156 +. DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 01 b1 b1 04 04)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 02 b1 b1 08 08)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 03 b1 b1 08 08)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 04 b1 b1 06 06)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 06 80 80 08 08)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 07 80 80 20 20)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 08 80 80 20 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 09 80 80 08 20)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 0a 85 83 06 06)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 0f 80 80 04 04)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 10 80 80 10 10)
0178 . C. ----- Success Verify ? OK / NG _____
0179 C.
0180 C.
0181 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0182 C.
0183 +. DC 07-F0 MDP_XRT_MODE_OBSV
0184 BC (c2)
0185 +. TI 2009-09-15 11:26:02.0
0186 DC 07-F0 MDP_XRT_MODE_OBSV
0187 BC (c2)
0188 . C. ----- Success Verify ? OK / NG _____
0189 C.
0190 C. ***** XRT END *****
0191 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0192 +. DC 07-FC EIS_MODE_MANU
0193 BC (21 02)

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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-265:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Stop SP table >
0120 +. DC 07-F0 MDP_SP_CTRL_MANU
0121 BC (61)
0122 C. -----
0123 C. MDP_SP_CTRL_MODE = MANU [ ]
0124 C. -----
0125 C.
0126 . C. <Upload SP Observation Table>
0127 . S. RAM ram-289:MDP_OBS_S
0128 ( )
0129 C.
0130 . C. < Dump RAMID=MDP_OBS_S >
0131 +. DC 07-F0 MDP_DUMP_SPTBL
0132 BC (83 07 00 00 00 38 b8)
0133 C. -----
0134 C. MDP_OBS_S verify = OK/NG [ ]
0135 C. -----
0136 C.
0137 . C. < Upload DPL table >
0138 C.
0139 C. ¥çYÃ¥×¥í;¼¥ÉñîÁ°ñÈSTS_CHKñðOFFñÈñ¹ñè
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_CHKñðONñÈñ¹ñè
0152 C.
0153 . C. < Update MDP DSC PAR1 >
0154 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0155 BC (4c)
0156 C. MDP_CMD_CODE = F04C0700[ ]
0157 C. MDP_CMD_CNT (count-up 1) [ ]
0158 C. -----
0159 C.
0160 . C.
0161 C. *****
0162 C. SOT TI command set
0163 C. *****
0164 C. Execute, after the success of TBL upload.
0165 +. TI 2009-09-15 11:26:18.0
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. ***** MDP `ûÃîñî»ö¼YñÈÁñ¹ñèDCBC•x²è *****
0174 C. (¼ã°îYÓYÃYÈY¥YÈYáYçYèñÈ¼ñ¼Á»Ûñ¹ñè)
0175 . S. DC-BC dcbc-402:DCBC
0176 (MDP_known_event)
0177 C.
0178 C.
0179 . C. ***** YÐY¹•î Daily±¼îññÈ´Øñ¹ñèDCBC•x²è *****
0180 . S. DC-BC dcbc-153:DCBC
0181 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0182 C.
0183 C.
0184 . C. ;ãLOS¥Á¥S¥Ã¥-¼Á»Û;ã
0185 C.
0186 . C. ***** LOS *****
0187 C.

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

2009/09/15	11:36:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/09/15	11:36:56.0	XRT_FOCUS_POSITION_402_OG [0x192]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/09/15	11:37:00.0	AOCS_ORe-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 00 00 ac cd		
2009/09/15	11:37:16.0	XRT_QT_PROG_SET_408_OG [0x198]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2009/09/15	11:39:54.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/09/15	11:39:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/09/15	11:39:58.0	XRT_ARS_DIS_446_OG [0x1be]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/09/15	11:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/09/15	11:52:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/09/15	11:52:56.0	XRT_FOCUS_POSITION_402_OG [0x192]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/09/15	11:53:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 d6 67		
2009/09/15	11:53:16.0	XRT_QT_PROG_SET_408_OG [0x198]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2009/09/15	11:55:54.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/09/15	11:55:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/09/15	11:55:58.0	XRT_ARS_DIS_446_OG [0x1be]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/09/15	11:56:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/09/15	12:08:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/09/15	12:08:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2009/09/15	12:09:00.0	AOCS_ORe-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2009/09/15	12:09:16.0	XRT_QT_PROG_SET_404_OG [0x194]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2009/09/15	12:11:54.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/09/15	12:11:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/09/15	12:11:58.0	XRT_ARS_DIS_446_OG [0x1be]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/09/15	12:12:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/09/15	12:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/09/15	12:24:56.0	XRT_FOCUS_POSITION_402_OG [0x192]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/09/15	12:25:00.0	AOCS_ORe-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 00 00 29 99		
2009/09/15	12:25:16.0	XRT_QT_PROG_SET_408_OG [0x198]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2009/09/15	12:27:54.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/09/15	12:27:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/09/15	12:27:58.0	XRT_ARS_DIS_446_OG [0x1be]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/09/15	12:28:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/09/15	12:40:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/09/15	12:40:56.0	XRT_FOCUS_POSITION_402_OG [0x192]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/09/15	12:41:00.0	AOCS_ORe-point_Start_5_OG [0x09b]					
		AOCU_NM	5	02-76	00 00 00 53 33		
2009/09/15	12:41:16.0	XRT_QT_PROG_SET_408_OG [0x198]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2009/09/15	12:43:54.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/09/15	12:43:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/09/15	12:43:58.0	XRT_ARS_DIS_446_OG [0x1be]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/09/15	12:44:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/09/15	12:56:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/09/15	12:56:56.0	XRT_FOCUS_POSITION_402_OG [0x192]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/09/15	12:57:00.0	AOCS_ORe-point_Start_6_OG [0x09c]					
		AOCU_NM	5	02-76	00 d6 36 b7 8e		
2009/09/15	12:57:16.0	XRT_QT_PROG_SET_408_OG [0x198]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2009/09/15	12:59:54.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/09/15	12:59:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					



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2009/09/15	12:59:58.0	XRT_ARS_DIS_446_OG [0x1be]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
			MDP_XRT_ARS_DIS	1	07-F0	d5
2009/09/15	13:00:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/09/15	13:06:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/09/15	13:06:56.0	XRT_FOCUS_POSITION_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/09/15	13:07:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 b4 b5 db 75
2009/09/15	13:07:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2009/09/15	13:09:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/09/15	13:09:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/09/15	13:09:58.0	XRT_ARS_DIS_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/09/15	13:10:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/09/15	13:22:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/09/15	13:22:56.0	XRT_FOCUS_POSITION_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/09/15	13:23:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 ac 5b 00 00
2009/09/15	13:23:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2009/09/15	13:25:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/09/15	13:25:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/09/15	13:25:58.0	XRT_ARS_DIS_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/09/15	13:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/09/15	13:38:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/09/15	13:38:56.0	XRT_FOCUS_POSITION_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/09/15	13:39:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 b4 b5 24 8b
2009/09/15	13:39:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2009/09/15	13:41:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/09/15	13:41:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/09/15	13:41:58.0	XRT_ARS_DIS_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/09/15	13:42:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/09/15	13:54:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/09/15	13:54:56.0	XRT_FOCUS_POSITION_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/09/15	13:55:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 d6 36 48 72
2009/09/15	13:55:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2009/09/15	13:57:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/09/15	13:57:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/09/15	13:57:58.0	XRT_ARS_DIS_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/09/15	13:58:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/09/15	14:04:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/09/15	14:04:56.0	XRT_FOCUS_POSITION_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/09/15	14:05:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 29 ca b7 8e
2009/09/15	14:05:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2009/09/15	14:07:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/09/15	14:07:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/09/15	14:07:58.0	XRT_ARS_DIS_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/09/15	14:08:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/09/15	14:14:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/09/15	14:14:56.0	XRT_FOCUS_POSITION_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/09/15	14:15:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00 4b 4b db 75
2009/09/15	14:15:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07

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2009/09/15	14:17:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/15	14:17:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/15	14:17:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/15	14:18:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	14:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	14:43:30.0	XRT_Custom_430_OG [0x1ae]							
2009/09/15	14:44:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	14:50:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	14:50:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/09/15	14:51:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	00 53 a5 00 00				
2009/09/15	14:51:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/09/15	14:53:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/15	14:53:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/15	14:53:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/15	14:54:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	15:06:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	15:06:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/09/15	15:07:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]							
		AOCU_NM	5	02-76	00 4b 4b 24 8b				
2009/09/15	15:07:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/09/15	15:09:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/15	15:09:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/15	15:09:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/15	15:10:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	15:22:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	15:22:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/09/15	15:23:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00 29 db 48 72				
2009/09/15	15:23:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/09/15	15:25:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/15	15:25:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/15	15:25:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/15	15:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	15:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	15:39:56.0	XRT_FOCUS_RECALIBRATE_437_OG [0x1b5]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2009/09/15	15:40:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/09/15	15:43:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/15	15:44:16.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2009/09/15	15:46:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/15	15:46:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/15	15:46:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/15	15:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	18:09:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	18:09:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/15	18:09:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/09/15	18:09:46.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/15	18:09:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/15	18:09:50.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/15	18:12:28.0	XRT_QT_PROG_SET_400_OG [0x190]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				

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2009/09/15	18:12:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	18:19:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	18:19:26.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/09/15	18:19:30.0	AOCS_Ore-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/09/15	18:19:46.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2009/09/15	18:22:22.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/09/15	18:22:24.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/15	18:22:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/15	18:22:28.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/15	18:22:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	19:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	19:46:00.0	XRT_Custom_430_OG [0x1ae]							
2009/09/15	19:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	21:00:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	21:23:30.0	XRT_Custom_430_OG [0x1ae]							
2009/09/15	21:24:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/15	22:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/15	22:59:00.0	XRT_Custom_430_OG [0x1ae]							
2009/09/15	23:00:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	00:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	00:24:00.0	XRT_Custom_430_OG [0x1ae]							
2009/09/16	00:25:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	01:39:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	01:58:00.0	XRT_Custom_430_OG [0x1ae]							
2009/09/16	01:59:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	02:45:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	05:56:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	05:56:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/16	05:56:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/09/16	05:56:46.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/16	05:56:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/16	05:56:50.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/16	05:59:28.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/09/16	05:59:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	06:06:30.0	AOCS_Ore-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/09/16	08:30:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/09/16	10:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	10:49:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/09/16	10:50:00.0	AOCS_Ore-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00 af 1b 00 00				
2009/09/16	10:50:16.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2009/09/16	10:52:52.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/09/16	10:52:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/16	10:52:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/16	10:52:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/16	10:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	15:10:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	15:22:30.0	XRT_Custom_430_OG [0x1ae]							
2009/09/16	15:23:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	16:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	17:09:30.0	XRT_Custom_430_OG [0x1ae]							

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2009/09/16	17:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	18:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	18:46:00.0	XRT_Custom_430_OG [0x1ae]							
2009/09/16	18:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	18:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	18:49:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/16	18:50:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/09/16	18:50:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/16	18:50:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/16	18:50:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/16	18:52:58.0	XRT_QT_PROG_SET_400_OG [0x190]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2009/09/16	18:53:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	18:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	18:59:56.0	XRT_FOCUS_POSITION_402_OG [0x192]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/09/16	19:00:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/09/16	19:00:16.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2009/09/16	19:02:52.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/09/16	19:02:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/16	19:02:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/16	19:02:58.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/16	19:03:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	19:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	20:23:00.0	XRT_Custom_430_OG [0x1ae]							
2009/09/16	20:24:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	21:37:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	22:00:00.0	XRT_Custom_430_OG [0x1ae]							
2009/09/16	22:01:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/16	23:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/16	23:33:30.0	XRT_Custom_430_OG [0x1ae]							
2009/09/16	23:34:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/17	00:51:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/17	00:58:30.5	XRT_Custom_430_OG [0x1ae]							
2009/09/17	00:59:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/17	02:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/17	02:34:30.0	XRT_Custom_430_OG [0x1ae]							
2009/09/17	02:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/17	03:46:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/17	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/17	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/09/17	06:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/09/17	06:00:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/09/17	06:00:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/09/17	06:00:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/09/17	06:02:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/09/17	06:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/09/17	06:10:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/09/17	08:30:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/09/17	11:04:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/09/17	11:14:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				