

XRT Timeline to be uploaded on 2013/07/23

Period: 2013/07/23 09:56:00 - 2013/07/27 10:13:00

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Normal mode

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XOB #199F: HOP130-Synoptic 3 Filter- 2x2 Q95 (Almesh 12/128/723ms; Tipoly 24/362/1443ms; Althick 65536ms) with G-band												
Term	Pointing (x, y)				Comment							
07/23 11:13:00 - 07/23 16:44:54	Fixed (0.0, 0.0)				3/15							
PROG= 19 2-time(s)												
└─ Subr= 1 1-time(s) 180.0sec												
└─ Seqn= 85 1-time(s) 25.0sec												
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 86 1-time(s) 25.0sec												
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 75 1-time(s) 2.0sec												
└─ Open/thick-Al	Open/thick-Al	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 66 1-time(s) 2.0sec												
└─ Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
└─ Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #19A4: AR High cadense Ti-poly 5s 384x384												
Term	Pointing (x, y)				Comment							
07/23 16:48:00 - 07/23 17:15:30	Track (-45.9, -253.8) ^{Ⓜ 07/23 16:45:00}				# AR 11800 observations.							
07/24 18:40:36 - 07/24 21:09:30	Track (178.5, -253.8) ^{Ⓜ 07/24 17:48:30}				# AR cont.							
PROG= 07 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 78 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	12ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
└─ Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
└─ Seqn= 88 120-time(s) 2.0sec												
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	384x384 (1024, 1024)	Q=95	1	0	5.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	384x384 (1024, 1024)	Q=95	1	0	5.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	384x384 (1024, 1024)	Q=95	1	0	5.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	384x384 (1024, 1024)	Q=95	1	0	5.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	384x384 (1024, 1024)	Q=95	1	0	5.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	384x384 (1024, 1024)	Q=95	1	0	5.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #199E: Synoptic Q95 2x2 - Al/mesh(12/128/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(33/362/1443) + G-b												
Term	Pointing (x, y)				Comment							
07/23 18:04:00 - 07/23 18:10:54	Fixed (0.0, 0.0)				synoptic, shifted 1.0 min							
07/24 03:58:00 - 07/24 04:04:54	Fixed (0.0, 0.0)				synoptic, shifted a few hours							
07/24 17:41:30 - 07/24 18:37:30	Fixed (0.0, 0.0)				synoptic, shifted -21.5 min							
07/25 04:18:00 - 07/25 04:24:54	Fixed (0.0, 0.0)				synoptic							
PROG= 16 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 82 1-time(s) 4.0sec												
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	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= 83 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	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 66 1-time(s) 2.0sec												
└─ Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
└─ Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #199A: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 100s cad With G-band and VLS closed												
Term	Pointing (x, y)				Comment							
07/23 18:14:00 - 07/23 21:59:54	Track (-33.0, -254.0) ^{Ⓜ 07/23 18:11:00}				# AR cont.							
07/24 06:54:36 - 07/24 09:36:30	Track (605.2, 246.1) ^{Ⓜ 07/24 04:05:00}				# HOP 173 (AR 11793), until 6UT.							
PROG= 06 Inf.-time(s)												

Subr= 2		1-time(s)		2.0sec											
Seqn= 78		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	12ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec			
Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec			
Seqn= 62		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			
Seqn= 63		40-time(s)		100.0sec											
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec			
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec			
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec			
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec			
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec			
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec			
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec			
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	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				

XOB #190B: G-Band Alignment with North Pole Q90 2x2(G-band only) - 12msec - 5min cadence - Partial Sun-wNGT-2												
Term		Pointing (x, y)				Comment						
07/23 22:15:00 - 07/23 23:55:30		Fixed (0.0, 930.0)				# Instrument Coalignment at North Pole.						
PROG= 15		1-time(s)		360.0sec								
Subr= 1		1-time(s)		360.0sec								
Seqn= 32		24-time(s)		300.0sec								
Open/G-band	Open/G-band	open	Safe	Norm	12ms	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 #190C: G-Band Alignment with East limb Q90 2x2 (G-band only) - 12msec- 8 min cadence-wNGT-2												
Term		Pointing (x, y)				Comment						
07/24 00:26:36 - 07/24 01:59:54		Fixed (-945.0, 0.0)				# Instrument Coalignment at East Limb.						
PROG= 17		1-time(s)		360.0sec								
Subr= 1		1-time(s)		360.0sec								
Seqn= 33		15-time(s)		480.0sec								
Open/G-band	Open/G-band	open	Safe	Norm	12ms	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 #19A5: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 300s cad With G-band and VLS closed												
Term		Pointing (x, y)				Comment						
07/24 02:03:00 - 07/24 03:05:30		Fixed (273.0, -945.0)				# HOP 173 (prominence target).						
PROG= 13		Inf.-time(s)		2.0sec								
Subr= 2		1-time(s)		2.0sec								
Seqn= 78		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	12ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Seqn= 62		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
Seqn= 63		10-time(s)		300.0sec								
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	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	

XOB #1998: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 60s cad With G-band and VLS closed												
Term		Pointing (x, y)				Comment						
07/24 04:08:00 - 07/24 06:16:00		Track (605.2, 246.1) @ 07/24 04:05:00				# HOP 173 (AR 11793), until 6UT.						
07/24 13:28:36 - 07/24 17:38:24		Track (135.8, -254.2) @ 07/24 13:00:00				# AR 11800 observations.						
07/24 21:54:06 - 07/25 01:59:54		Track (178.5, -253.8) @ 07/24 17:48:30				# AR cont.						
07/25 02:36:06 - 07/25 03:34:30		Track (728.6, 257.8) @ 07/25 02:00:00				# HOP 173 (AR 11793).						
07/25 04:28:00 - 07/25 10:15:00		Track (271.0, -252.2) @ 07/25 04:25:00				# HOP 173 (AR 11800), until 6UT.						
PROG= 05		Inf.-time(s)		2.0sec								
Subr= 2		1-time(s)		2.0sec								
Seqn= 78		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	12ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Seqn= 62		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

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Active Region Search

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NOT USED

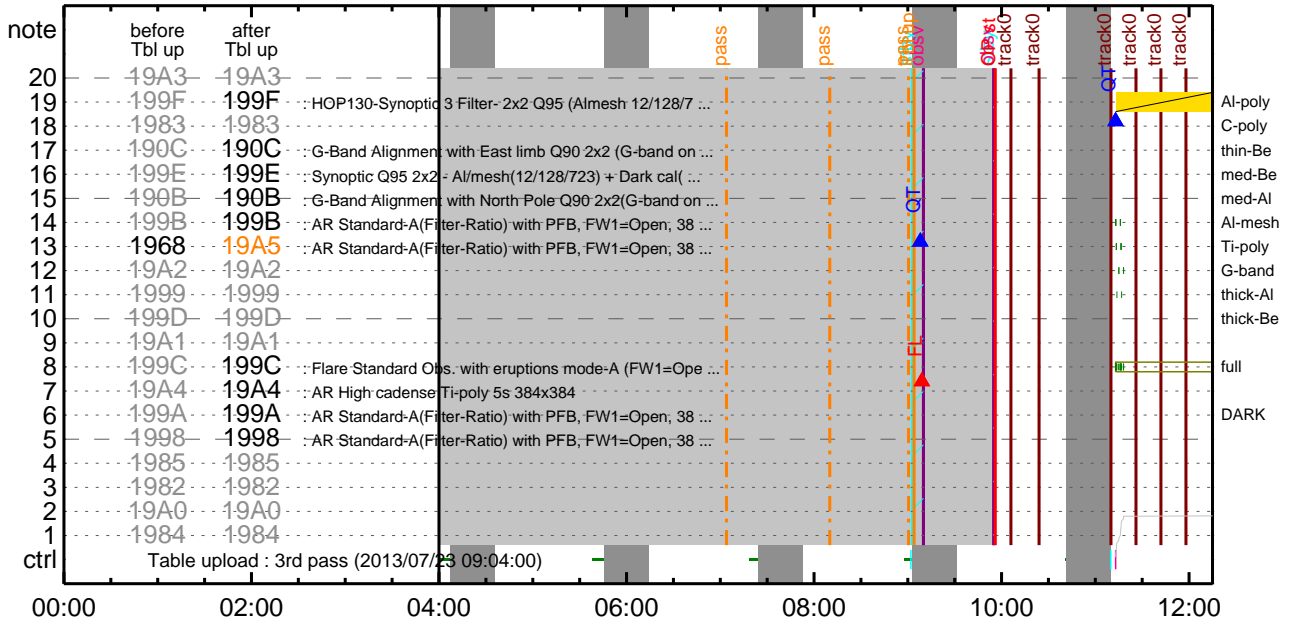
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Flare Detection

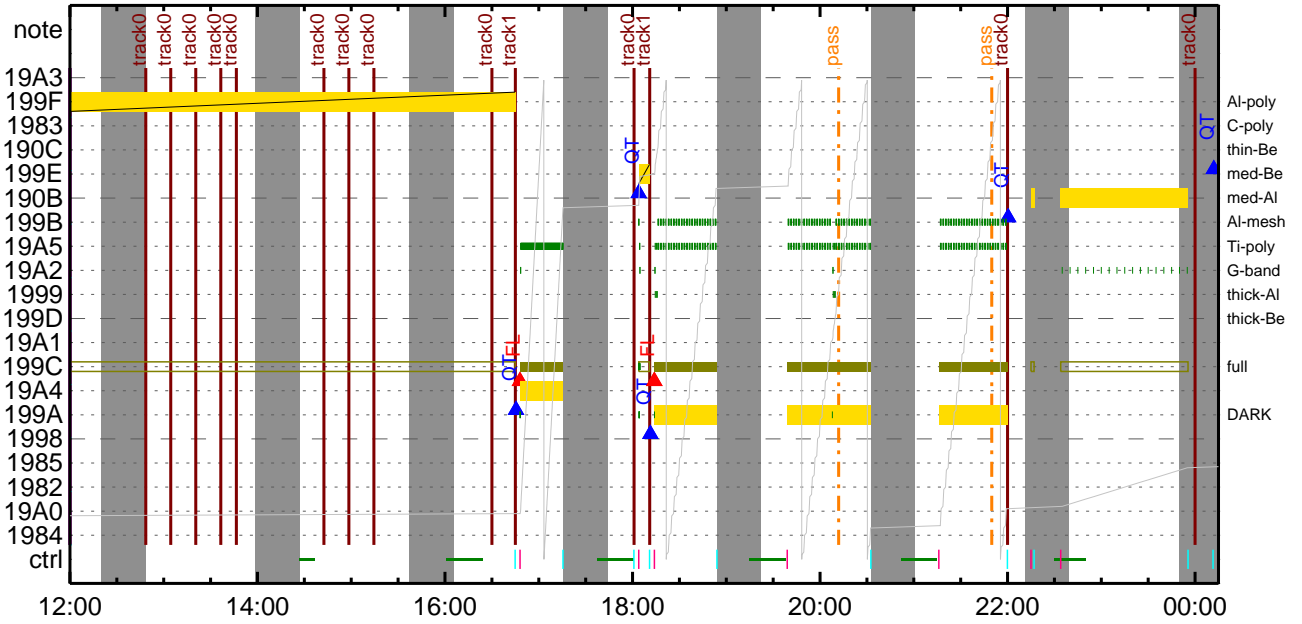
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FLD Patrol												
Term		Pointing (x, y)						Comment				
07/23 16:45:16 - 07/23 18:01:16	Track (-45.9, -253.8)	⑥ 07/23 16:45:00				# AR 11800 observations.						
07/23 18:11:16 - 07/23 22:00:16	Track (-33.0, -254.0)	⑥ 07/23 18:11:00				# AR cont.						
07/24 02:00:16 - 07/24 03:55:16	Fixed (273.0, -945.0)					# HOP 173 (prominence target).						
07/24 04:05:16 - 07/24 17:38:46	Track (605.2, 246.1)	⑥ 07/24 04:05:00				# HOP 173 (AR 11793), until 6UT.						
07/24 18:37:52 - 07/25 04:15:16	Track (178.5, -253.8)	⑥ 07/24 17:48:30				# AR cont.						
07/25 04:25:16 - 07/27 10:13:00	Track (271.0, -252.2)	⑥ 07/25 04:25:00				# HOP 173 (AR 11800), until 6UT.						
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	

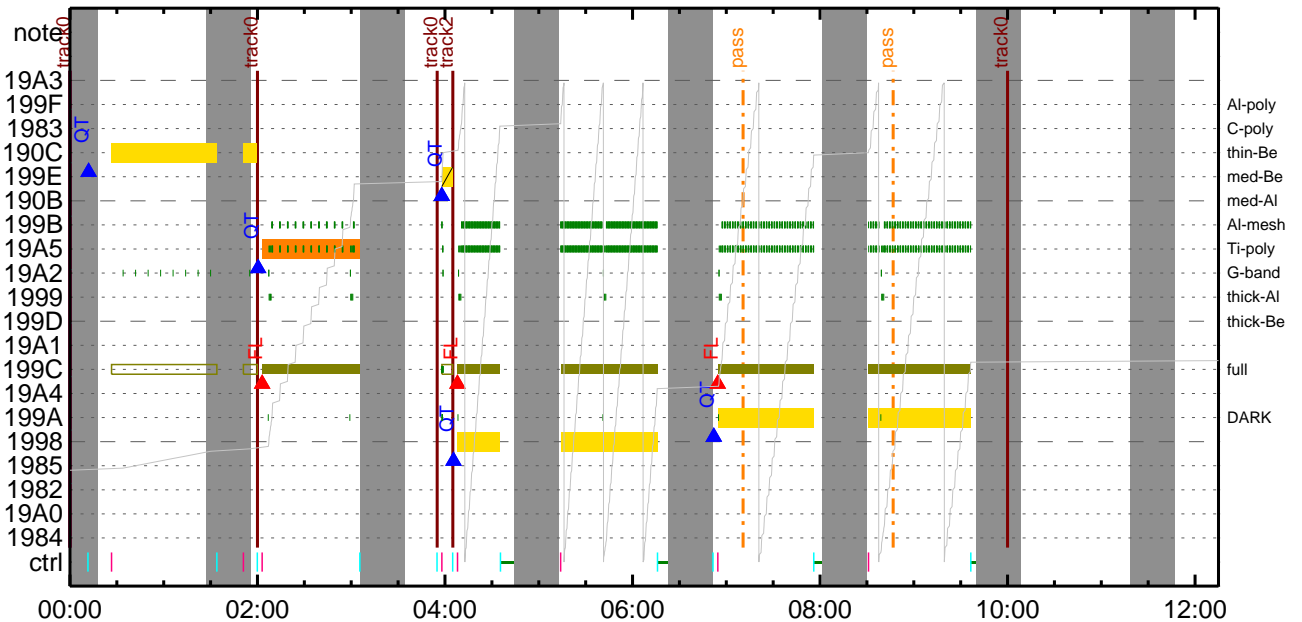
CMDI #0617 2013/07/23



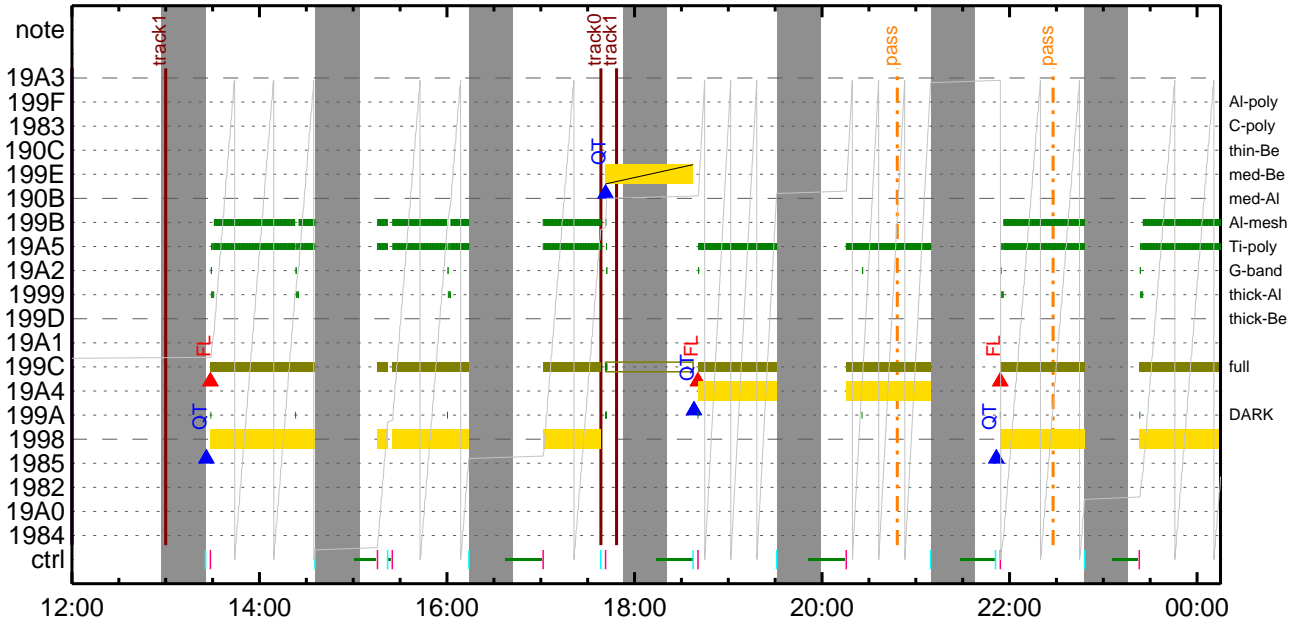
CMDI #0617 2013/07/23



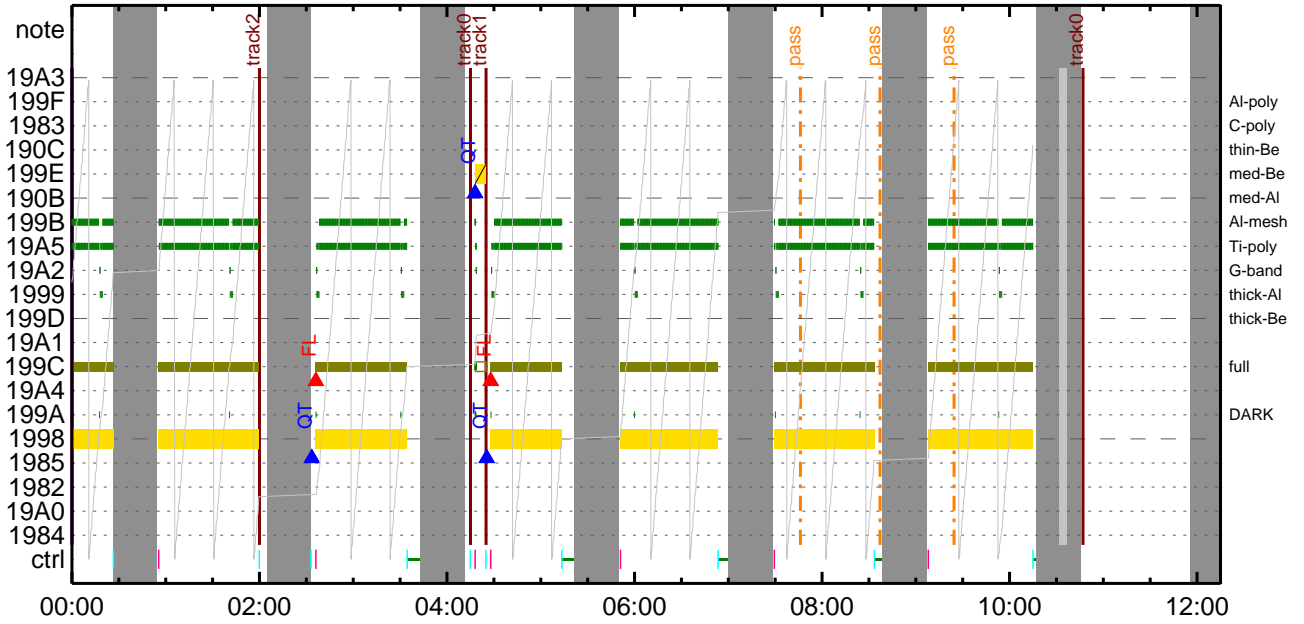
CMDI #0617 2013/07/24



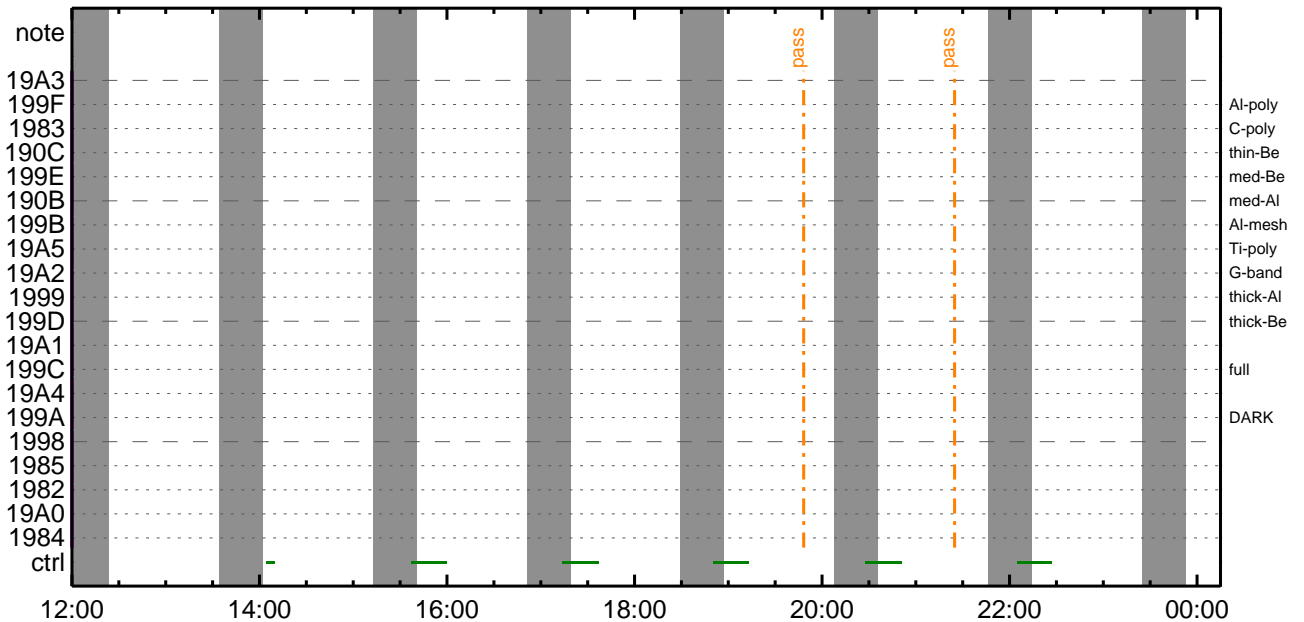
CMDI #0617 2013/07/24



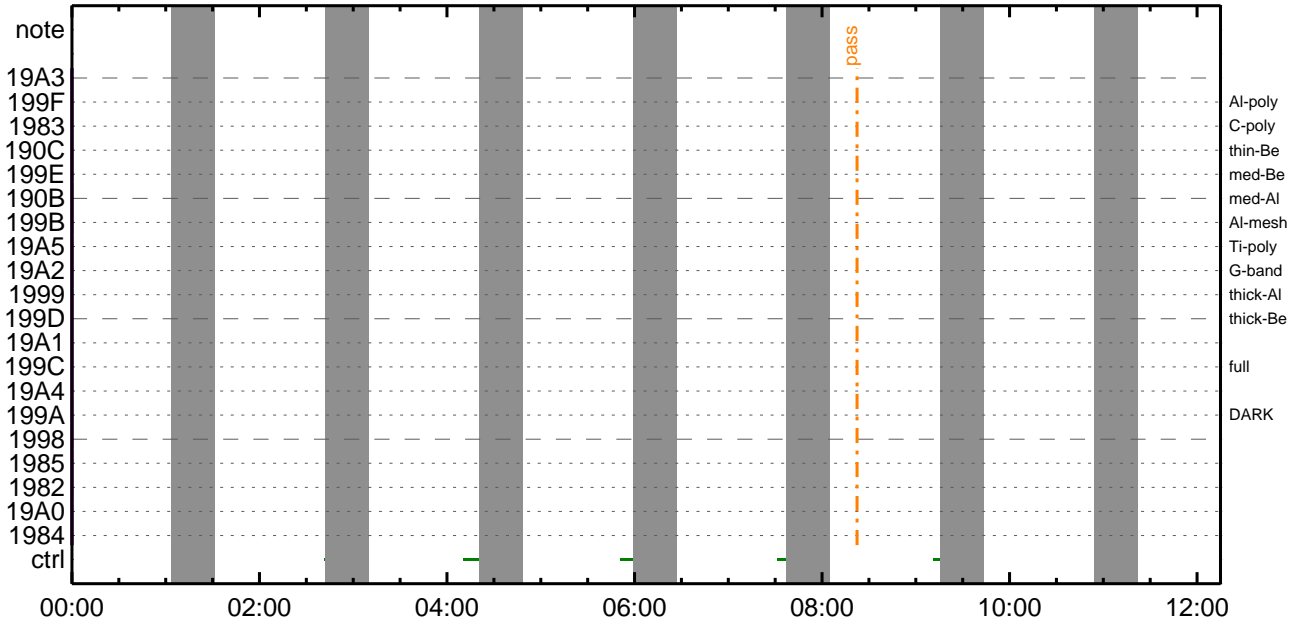
CMDI #0617 2013/07/25



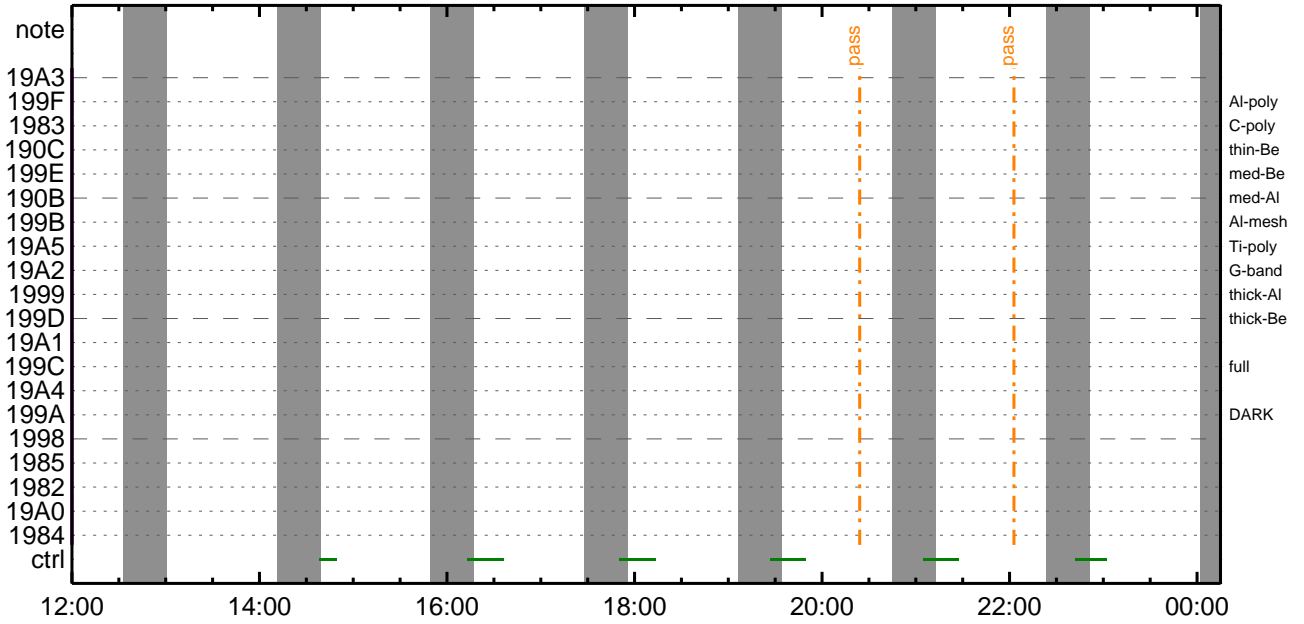
CMDI #0617 2013/07/25



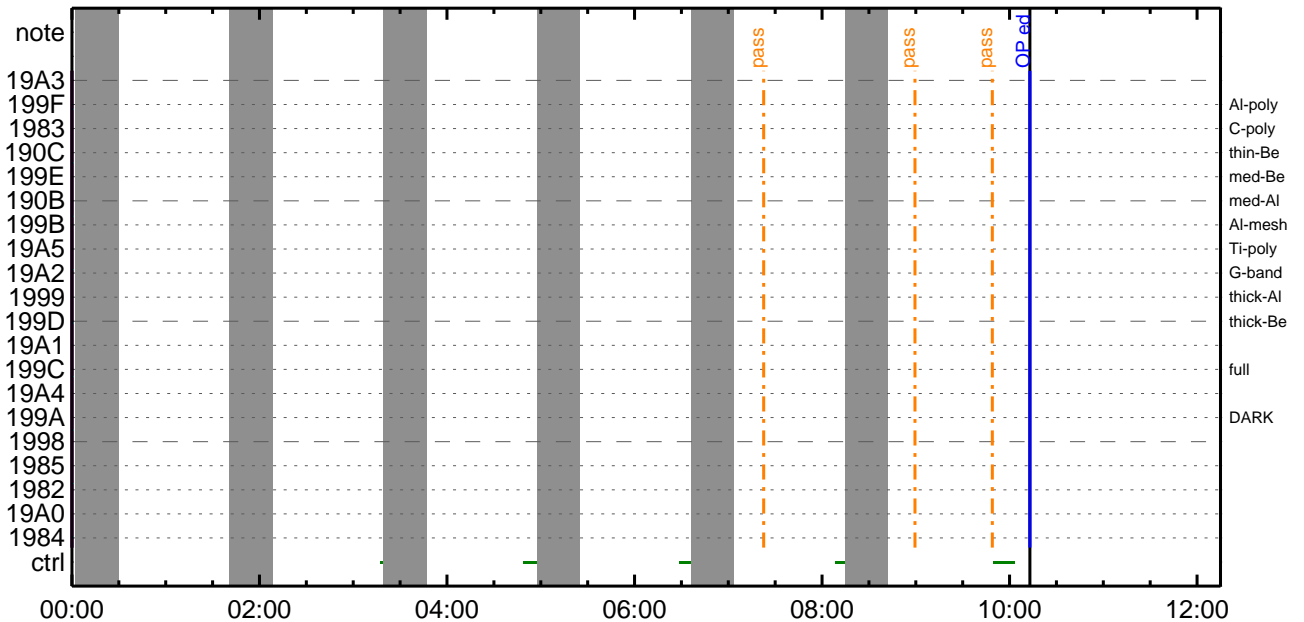
CMDI #0617 2013/07/26



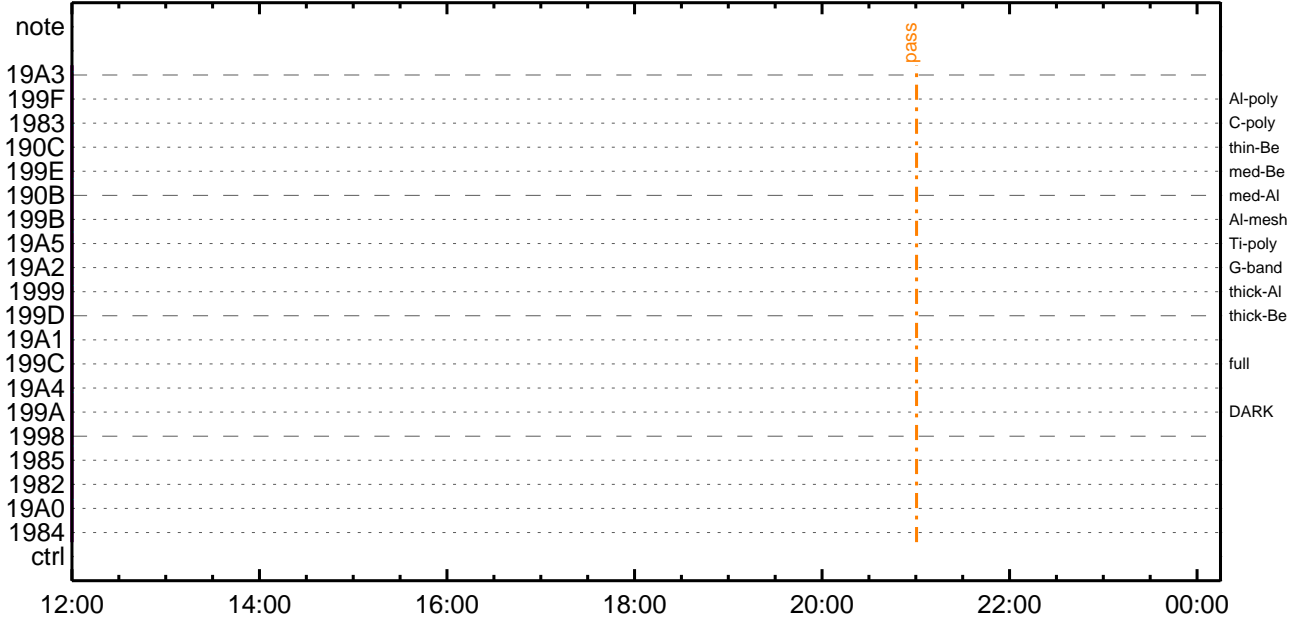
CMDI #0617 2013/07/26



CMDI #0617 2013/07/27



CMDI #0617 2013/07/27




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0096 C.                0300; çSET0EDUMP01Æ±°iYÑY¹0Ç¹00|0³0E; E
0097 C.
0098 . C. TIY³YFYYÖYÉ00ðÀDİç (UT)
0099 +. TI 2013-07-23 09:51:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]           EQ          1COUNTUP
0102 C.
0103 +. TI 2013-07-23 09:51:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]           EQ          1COUNTUP
0106 C.
0107 +. TI 2013-07-23 09:51:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]           EQ          1COUNTUP
0110 C.
0111 +. TI 2013-07-23 09:55:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]           EQ          1COUNTUP
0114 C.
0115 C. °E²¼0İÄê%îÍÑ0İYÁY§YÄY-¹àİÜ
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×¼ª¹İ»0ð³İÇ§
0142 C.                çç[HK1_DMP_CHK_FLG]          EQ          NON
0143 C.
0144 . C. RAM ID=TI_TBL0İ%È¹ç•è²İOK0ð³İÇ§
0145 C.
0146 . C. DHUYâ;¼YÉ;È¼Y¼, Yî;¼YÈ;Ë0ðİá0¹
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. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2013-07-23 09:55:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC                (41)
0161 C.
0162 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0163 C.
0164 C. ***** SOT END *****
0165 . C. Stop EIS observation and temporarily disable EIS mode changes
0166 C.
0167 C.
0168 C. ***** Start EIS operation (TI set) *****
0169 C. Execute, after the success of OP upload.
0170 C. Set EIS TI-commands
0171 +. TI 2013-07-23 09:55:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC                (21 02)
0174 +. TI 2013-07-23 09:55:40.0
0175 DC 07-FC EIS_MODE_CHG_DIS
0176 BC                (22)
0177 . C. [ ] [HK1_TI_CMD_NUM] EQ          2 COUNTUP
0178 C. ***** End EIS operation (TI set) *****
0179 C.
0180 C.
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2013-07-23 09:55:00.0
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 `üÄİ0İ»ö¼Y0ÈÄ0¹0èDCBC•x²è *****
0192 C. (%â°İYÖYÄYÈYpYÈYáYçYè0È¼00¼Ä»Ü0¹0é)
0193 . S. DC-BC dcbc-402:DCBC

```

```
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;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-796 2013-07-23 12:17:36 158 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÁã•µ°Æ»Í×ÁÇãÍYçYÁY×Yí;¼YÉ;ÈÈè¼µ•ííÉ;ÈãÈ¼°ÇÔã•ã¿¼í¹çãÍ;çÀ®, ùã¹ãèãããÇÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-264:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 . C. < Upload DPL table >
0036 C.
0037 C. YçYÁY×Yí;¼YÉãîÁ°ãÈSTS_CHKãðOFFãÈã¹ãè
0038 C.
0039 . S. RAM ram-271:MDP_DPL
0040 ( )
0041 C.
0042 . C. < Dump RAMID=MDP_DPL >
0043 +. DC 07-F0 MDP_DUMP_FGTBL
0044 BC (82 07 00 38 b8 00 40)
0045 C. -----
0046 C. MDP_DPL verify = OK [ ]
0047 C. -----
0048 C.
0049 C. STS_CHKãðONãÈã¹ãè
0050 C.
0051 . C. < Update MDP DSC PAR1 >
0052 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0053 BC (4c)
0054 C. MDP_CMD_CODE = F04C0700[ ]
0055 C. MDP_CMD_CNT (count-up 1) [ ]
0056 C. -----
0057 C.
0058 C.
0059 C. *****
0060 C. SOT TI command set
0061 C. *****
0062 C. Execute, after the success of TBL upload.
0063 +. TI 2013-07-23 09:55:18.0
0064 DC 07-F0 MDP_SOT_MODE_OBSV
0065 BC (40)
0066 . C. -----
0067 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0068 C. -----
0069 C.
0070 C.
0071 C. ***** XRT START *****
0072 C.
0073 +. DC 07-F0 MDP_XRT_CTRL_MANU
0074 BC (c1)
0075 +. DC 07-F0 MDP_XRT_MODE_STBY
0076 BC (c3)
0077 . C. ----- Success Verify ? OK / NG_____
0078 C.
0079 C. XRT Obs. Table Upload
0080 . S. RAM ram-291:MDP_OBS_X
0081 ( )
0082 C.
0083 +. DC 07-F0 MDP_DUMP_XRTTBL
0084 BC (84 07 00 00 00 3a d4)
0085 . C. ----- Comparison Check ? OK / ERR _____
0086 C.
0087 C.
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 01 b1 b1 04 04)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 02 b1 b1 08 08)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 03 b1 b1 08 08)
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 04 b1 b1 06 06)
```

```

0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 05 85 83 06 06)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 06 85 83 06 06)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 07 80 80 20 20)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 08 80 80 06 06)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 09 80 80 20 08)
0106 + DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 0a 80 80 08 20)
0108 + DC 07-F0 MDP_XRT_ROI_SET
0109 BC (cd 0b 80 60 20 18)
0110 + DC 07-F0 MDP_XRT_ROI_SET
0111 BC (cd 0c a0 80 18 20)
0112 + DC 07-F0 MDP_XRT_ROI_SET
0113 BC (cd 0f 80 80 06 06)
0114 + DC 07-F0 MDP_XRT_ROI_SET
0115 BC (cd 10 80 80 08 08)
0116 + DC 07-F0 MDP_XRT_FLD_ENA
0117 BC (d8)
0118 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0119 BC (c8)
0120 + DC 07-F0 MDP_XRT_AEC_RESET
0121 BC (d0)
0122 + DC 07-F0 MDP_XRT_ARS_DIS
0123 BC (d5)
0124 + DC 07-F0 MDP_XRT_FLD_RESET
0125 BC (da)
0126 + DC 07-F0 MDP_XRT_QT_PROG_SET
0127 BC (c4 0e)
0128 + DC 07-F0 MDP_XRT_FL_PROG_SET
0129 BC (c5 08)
0130 . C. ----- Success Verify ? OK / NG ____
0131 C.
0132 C.
0133 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0134 C.
0135 +. DC 07-F0 MDP_XRT_MODE_OBSV
0136 BC (c2)
0137 +. TI 2013-07-23 09:55:02.0
0138 DC 07-F0 MDP_XRT_MODE_OBSV
0139 BC (c2)
0140 . C. ----- Success Verify ? OK / NG ____
0141 C.
0142 C. ***** XRT END *****
0143 C.
0144 . C. ***** MDP `úÃîñî»ö%ÝñÊÃðñ¹ñèDCBC•x²è *****
0145 C. (%á°îÿÓÿÃÿÈÿPÿËÿáÿçÿèñÊ%¼ññ¼Ã»Ûñ¹ñè)
0146 . S. DC-BC dcbc-402:DCBC
0147 (MDP_known_event)
0148 C.
0149 C.
0150 . C. ***** ÿÐÿ¹•î Daily±¿îññè´Øñ¹ñèDCBC•x²è *****
0151 . S. DC-BC dcbc-153:DCBC
0152 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0153 C.
0154 C.
0155 . C. ;ãLOSÿÃÿ§ÿÃÿ-¼Ã»Û;ã
0156 C.
0157 . C. ***** LOS *****
0158 C.

```

*** OP Sequence for XRT ***

2013/07/23	10:06:00.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	00	00	00	ac	cd
2013/07/23	10:24:00.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00	00	00	d6	67
2013/07/23	11:09:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/23	11:09:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2013/07/23	11:10:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00	00	00	00	00
2013/07/23	11:10:16.0	XRT_FLD_DIS_404_OG [0x194] MDP_XRT_FLD_DIS	1	07-F0	d9				
2013/07/23	11:10:18.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2013/07/23	11:10:20.0	XRT_ARS_DIS_406_OG [0x196] MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/07/23	11:12:58.0	XRT_QT_PROG_SET_409_OG [0x199] MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2013/07/23	11:13:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/23	11:26:00.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00	00	00	29	99
2013/07/23	11:42:00.0	AOCS_ORe-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00	00	00	53	33
2013/07/23	11:58:00.0	AOCS_ORe-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00	d6	36	b7	8e
2013/07/23	12:48:30.0	AOCS_ORe-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00	b4	b5	db	75
2013/07/23	13:04:30.0	AOCS_ORe-point_Start_8_OG [0x09e] AOCU_NM	5	02-76	00	ac	5b	00	00
2013/07/23	13:20:30.0	AOCS_ORe-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	00	b4	b5	24	8b
2013/07/23	13:36:30.0	AOCS_ORe-point_Start_10_OG [0x0a0] AOCU_NM	5	02-76	00	d6	36	48	72
2013/07/23	13:46:30.0	AOCS_ORe-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00	29	ca	b7	8e
2013/07/23	14:42:30.0	AOCS_ORe-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00	4b	4b	db	75
2013/07/23	14:58:30.5	AOCS_ORe-point_Start_13_OG [0x0a3] AOCU_NM	5	02-76	00	53	a5	00	00
2013/07/23	15:14:30.0	AOCS_ORe-point_Start_14_OG [0x0a4] AOCU_NM	5	02-76	00	4b	4b	24	8b
2013/07/23	16:30:00.0	AOCS_ORe-point_Start_15_OG [0x0a5] AOCU_NM	5	02-76	00	29	db	48	72
2013/07/23	16:44:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/23	16:44:56.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2013/07/23	16:45:00.0	AOCS_ORe-point_Start_16_OG [0x0a6] AOCU_NM	5	02-76	01	00	00	00	00
2013/07/23	16:45:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8				
2013/07/23	16:45:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2013/07/23	16:45:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0				
2013/07/23	16:45:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/07/23	16:45:24.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/23	16:45:26.0	XRT_QT_PROG_SET_425_OG [0x1a9] MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2013/07/23	16:47:58.0	XRT_FL_PROG_SET_431_OG [0x1af] MDP_XRT_FL_PROG_SET	2	07-F0	c5	08			
2013/07/23	16:48:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/23	17:15:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/23	17:15:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/23	17:15:34.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/07/23	17:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/07/23	18:00:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/23	18:00:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2013/07/23	18:01:00.5	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00	00	00	00	00
2013/07/23	18:01:16.0	XRT_FLD_DIS_434_OG [0x1b2] MDP_XRT_FLD_DIS	1	07-F0	d9				
2013/07/23	18:03:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2013/07/23	18:03:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/07/23	18:03:58.0	XRT_QT_PROG_SET_445_OG [0x1bd] MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2013/07/23	18:04:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/23	18:10:54.0	XRT_CTRL_MANU_402_OG [0x192]							

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2013/07/23	18:10:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
		XRT_FOCUS_POSITION		4	07-F8	22 fe 97 00	
2013/07/23	18:11:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	01 00 00 00 00	
2013/07/23	18:11:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2013/07/23	18:11:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2013/07/23	18:11:20.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2013/07/23	18:11:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2013/07/23	18:11:24.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/23	18:11:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2013/07/23	18:13:58.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08	
2013/07/23	18:14:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/23	18:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/23	18:54:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/23	18:54:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2013/07/23	18:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2013/07/23	19:38:00.0	XRT_Custom_430_OG [0x1ae]					
2013/07/23	19:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/23	20:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/23	20:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/23	20:32:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2013/07/23	20:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2013/07/23	21:15:00.0	XRT_Custom_430_OG [0x1ae]					
2013/07/23	21:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/23	21:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/23	21:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2013/07/23	22:00:00.0	AOCS_Ore-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 ad 59 00 00	
2013/07/23	22:00:16.0	XRT_FLD_DIS_404_OG [0x194]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2013/07/23	22:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2013/07/23	22:00:20.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2013/07/23	22:00:22.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2013/07/23	22:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/23	22:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/23	22:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/23	22:17:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2013/07/23	22:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2013/07/23	22:33:00.0	XRT_Custom_430_OG [0x1ae]					
2013/07/23	22:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/23	23:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/23	23:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/23	23:55:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2013/07/23	23:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2013/07/24	00:00:00.0	AOCS_Ore-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00 00 00 54 00	
2013/07/24	00:11:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/24	00:11:32.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2013/07/24	00:11:52.0	XRT_FLD_DIS_404_OG [0x194]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2013/07/24	00:11:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2013/07/24	00:11:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2013/07/24	00:11:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2013/07/24	00:26:36.0	XRT_CTRL_AUTO_408_OG [0x198]					

2013/07/24	01:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2013/07/24	01:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2013/07/24	01:34:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2013/07/24	01:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2013/07/24	01:50:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2013/07/24	01:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2013/07/24	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2013/07/24	01:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2013/07/24	02:00:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2013/07/24	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2013/07/24	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	00 54 00 e7 bf		
2013/07/24	02:00:20.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2013/07/24	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2013/07/24	02:00:24.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2013/07/24	02:00:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2013/07/24	02:02:58.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2013/07/24	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d		
2013/07/24	03:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08		
2013/07/24	03:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_408_OG [0x198]					
2013/07/24	03:05:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2013/07/24	03:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2013/07/24	03:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_FLD_RESET_415_OG [0x19f]					
2013/07/24	03:54:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da		
2013/07/24	03:55:00.0	AOCS_OrE-point_Start_3_OG [0x099]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2013/07/24	03:55:16.0	XRT_FLD_DIS_434_OG [0x1b2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2013/07/24	03:57:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	XRT_CTRL_MANU_402_OG [0x192]					
2013/07/24	03:57:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2013/07/24	03:57:58.0	XRT_QT_PROG_SET_445_OG [0x1bd]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2013/07/24	03:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	AOCU_NM	5	02-76	00 00 00 00 00		
2013/07/24	04:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2013/07/24	04:04:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2013/07/24	04:05:00.0	AOCS_OrE-point_Start_20_OG [0x0aa]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2013/07/24	04:05:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2013/07/24	04:05:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_CTRL_AUTO_408_OG [0x198]					
2013/07/24	04:05:20.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2013/07/24	04:05:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2013/07/24	04:05:24.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2013/07/24	04:05:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]	AOCS_OrE-point_Start_20_OG [0x0aa]					
2013/07/24	04:07:58.0	XRT_FL_PROG_SET_431_OG [0x1af]	AOCU_NM	5	02-76	02 00 00 00 00		
2013/07/24	04:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2013/07/24	04:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2013/07/24	04:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2013/07/24	04:35:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2013/07/24	04:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2013/07/24	05:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2013/07/24	05:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08		
2013/07/24	06:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
			MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2013/07/24	06:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/24	06:16:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2013/07/24	06:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2013/07/24	06:51:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/24	06:51:32.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2013/07/24	06:51:52.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2013/07/24	06:51:54.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2013/07/24	06:51:56.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2013/07/24	06:51:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2013/07/24	06:52:00.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/24	06:52:02.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2013/07/24	06:54:34.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08	
2013/07/24	06:54:36.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/24	07:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/24	07:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/24	07:56:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2013/07/24	07:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2013/07/24	08:30:00.0	XRT_Custom_430_OG [0x1ae]					
2013/07/24	08:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/24	09:36:30.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/24	09:36:32.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/24	09:36:34.5	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2013/07/24	09:39:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2013/07/24	10:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2013/07/24	13:00:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	01 00 00 00 00	
2013/07/24	13:25:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/24	13:25:32.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2013/07/24	13:25:52.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2013/07/24	13:25:54.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2013/07/24	13:25:56.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2013/07/24	13:25:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2013/07/24	13:26:00.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/24	13:26:02.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2013/07/24	13:28:34.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08	
2013/07/24	13:28:36.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/24	14:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/24	14:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/24	14:35:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2013/07/24	14:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2013/07/24	15:14:30.0	XRT_Custom_430_OG [0x1ae]					
2013/07/24	15:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/24	15:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2013/07/24	15:22:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2013/07/24	15:22:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2013/07/24	15:24:00.0	XRT_Custom_430_OG [0x1ae]					
2013/07/24	15:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2013/07/24	15:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2013/07/24	16:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2013/07/24	16:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/07/24	16:14:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2013/07/24	16:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2013/07/24	17:00:30.0	XRT_Custom_430_OG [0x1ae]				
2013/07/24	17:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/07/24	17:38:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/07/24	17:38:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2013/07/24	17:38:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2013/07/24	17:38:46.0	XRT_FLD_DIS_434_OG [0x1b2]	MDP_XRT_FLD_DIS	1	07-F0	d9
2013/07/24	17:41:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2013/07/24	17:41:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2013/07/24	17:41:28.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2013/07/24	17:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/07/24	17:48:30.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	01 00 00 00 00
2013/07/24	18:37:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/07/24	18:37:32.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2013/07/24	18:37:52.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2013/07/24	18:37:54.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2013/07/24	18:37:56.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2013/07/24	18:37:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2013/07/24	18:38:00.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/07/24	18:38:02.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2013/07/24	18:40:34.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08
2013/07/24	18:40:36.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/07/24	19:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/07/24	19:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/07/24	19:31:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2013/07/24	19:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2013/07/24	20:14:30.0	XRT_Custom_430_OG [0x1ae]				
2013/07/24	20:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/07/24	21:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/07/24	21:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/07/24	21:09:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2013/07/24	21:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2013/07/24	21:51:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/07/24	21:51:02.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2013/07/24	21:51:22.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2013/07/24	21:51:24.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2013/07/24	21:51:26.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2013/07/24	21:51:28.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2013/07/24	21:51:30.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/07/24	21:51:32.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2013/07/24	21:54:04.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08
2013/07/24	21:54:06.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/07/24	22:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/07/24	22:48:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/07/24	22:48:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2013/07/24	22:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				

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2013/07/24	23:22:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/07/24	23:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/25	00:26:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/25	00:26:32.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/25	00:26:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/07/25	00:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/07/25	00:54:30.0	XRT_Custom_430_OG [0x1ae]								
2013/07/25	00:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/25	01:59:54.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/25	01:59:56.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/25	01:59:58.0	XRT_PREFLR_STRT_418_OG [0x1a2]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/07/25	02:00:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]								
			AOCU_NM	5	02-76	02 00 00 00 00				
2013/07/25	02:03:08.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/07/25	02:33:00.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/25	02:33:02.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2013/07/25	02:33:22.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2013/07/25	02:33:24.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2013/07/25	02:33:26.0	XRT_AEC_RESET_413_OG [0x19d]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2013/07/25	02:33:28.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/07/25	02:33:30.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/25	02:33:32.0	XRT_QT_PROG_SET_440_OG [0x1b8]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2013/07/25	02:36:04.0	XRT_FL_PROG_SET_431_OG [0x1af]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2013/07/25	02:36:06.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/25	03:34:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/25	03:34:32.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/25	03:34:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/07/25	03:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/07/25	04:14:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/25	04:14:56.0	XRT_FOCUS_POSITION_403_OG [0x193]								
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2013/07/25	04:15:00.0	AOCS_ORe-point_Start_3_OG [0x099]								
			AOCU_NM	5	02-76	00 00 00 00 00				
2013/07/25	04:15:16.0	XRT_FLD_DIS_434_OG [0x1b2]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2013/07/25	04:17:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2013/07/25	04:17:56.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/07/25	04:17:58.0	XRT_QT_PROG_SET_445_OG [0x1bd]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2013/07/25	04:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/25	04:24:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/25	04:24:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2013/07/25	04:25:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]								
			AOCU_NM	5	02-76	01 00 00 00 00				
2013/07/25	04:25:16.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2013/07/25	04:25:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2013/07/25	04:25:20.0	XRT_AEC_RESET_413_OG [0x19d]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2013/07/25	04:25:22.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/07/25	04:25:24.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/25	04:25:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2013/07/25	04:27:58.0	XRT_FL_PROG_SET_431_OG [0x1af]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2013/07/25	04:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/25	05:13:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2013/07/25	05:13:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/25	05:13:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/07/25	05:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/07/25	05:50:00.0	XRT_Custom_430_OG [0x1ae]							
2013/07/25	05:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/25	06:53:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/25	06:53:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/25	06:53:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/07/25	06:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/07/25	07:28:30.0	XRT_Custom_430_OG [0x1ae]							
2013/07/25	07:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/25	08:33:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/25	08:33:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/25	08:33:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/07/25	08:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/07/25	09:07:00.0	XRT_Custom_430_OG [0x1ae]							
2013/07/25	09:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/07/25	10:15:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/07/25	10:15:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/07/25	10:15:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/07/25	10:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/07/25	10:47:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				