

XRT Timeline to be uploaded on 2011/05/17

Period: 2011/05/17 11:04:00 - 2011/05/21 09:45:00

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Normal mode

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XOB #1881: CME watch - 4x4 - AEC 2 - Ti/poly			
Term	Pointing (x, y)	Comment	
05/17 11:17:00 - 05/17 11:35:54	Fixed (936.0, 0.0)	# OP start + 10min, HOP130 (1)	
05/17 11:39:00 - 05/17 11:54:00	Fixed (468.0, 0.0)	HOP130 (2)	
05/17 12:39:00 - 05/17 12:52:24	Fixed (-468.0, 0.0)	HOP130 (4)	
05/17 12:55:30 - 05/17 13:08:24	Fixed (-936.0, 0.0)	HOP130 (5)	
05/17 13:11:30 - 05/17 13:32:00	Fixed (815.0, 470.0)	HOP130 (6)	
05/17 14:03:06 - 05/17 14:14:54	Fixed (411.0, 847.0)	HOP130 (7)	
05/17 14:18:00 - 05/17 14:30:54	Fixed (0.0, 941.0)	HOP130 (8)	
05/17 14:34:00 - 05/17 14:46:54	Fixed (-411.0, 847.0)	HOP130 (9)	
05/17 14:50:00 - 05/17 14:56:54	Fixed (-815.0, 470.0)	HOP130 (10)	
05/17 15:00:00 - 05/17 16:01:24	Fixed (815.0, -470.0)	HOP130 (11)	
05/17 16:04:30 - 05/17 16:17:24	Fixed (411.0, -847.0)	HOP130 (12)	
05/17 16:20:30 - 05/17 16:33:24	Fixed (0.0, -941.0)	HOP130 (13)	
05/17 16:36:30 - 05/17 17:38:24	Fixed (-411.0, -847.0)	HOP130 (14)	
05/17 17:41:30 - 05/17 17:47:54	Fixed (-815.0, -471.0)	HOP130 (15)	
05/18 00:04:06 - 05/18 01:01:30	Fixed (0.0, 0.0)	synoptic	
05/19 00:41:36 - 05/19 01:38:30	Fixed (0.0, 0.0)	synoptic	

PROG= 11 Inf.-time(s)

Subr= 1	1-time(s)	120.0sec											
└─ Seqn= 33	1-time(s)	4.0sec											
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Norm	125ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #187F: HOP 186 FW1=OPEN Al/mesh (128/4096ms) + Synoptic Q95 2x2 - Al/mesh(44/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048

Term	Pointing (x, y)	Comment	
05/17 12:24:36 - 05/17 12:35:54	Fixed (0.0, 0.0)	HOP130 (3), HOP186 + synoptic	
05/18 12:03:00 - 05/18 12:09:54	Fixed (0.0, 0.0)	HOP186 + synoptic	

PROG= 17 1-time(s)

Subr= 1	1-time(s)	12.0sec											
└─ Seqn= 86	1-time(s)	4.0sec											
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	44ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	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= 37	1-time(s)	4.0sec											
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	86ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.83s	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
Subr= 2	1-time(s)	2.0sec											
└─ Seqn= 42	1-time(s)	2.0sec											
└─ Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	125ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/G-band	close	Safe	Dark	4.00s	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 #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT

Term	Pointing (x, y)	Comment	
05/17 18:03:00 - 05/17 19:47:54	Fixed (0.0, 945.0)	Co-alignment at N-limb	

PROG= 14 1-time(s)

Subr= 1	1-time(s)	360.0sec											
└─ Seqn= 21	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	
05/17 20:03:00 - 05/17 21:44:30	Fixed (-945.0, 0.0)	Co-alignment at E-limb	

PROG= 06 1-time(s)

Subr= 1	1-time(s)	360.0sec											
└─ Seqn= 22	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 #1886: AR Standard-A(Filter-Ratio) with eruption PFB, FW1=Open, 512x512 at 1064 1048, 100s cad

Term	Pointing (x, y)	Comment
05/17 22:26:36 - 05/17 23:23:00	Track (193.2, 346.4) ^{05/17 21:48:00}	Track old AR (previously 11193)
PROG= 12 Inf.-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 19 1-time(s) 2.0sec		
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s	Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 63ms	Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
└─ Seqn= 49 4-time(s) 2.0sec		
Open/Ti-poly	Open/thick-Al close Safe Norm 500ms	Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec
Open/thick-Al	Open/thick-Be close Safe Norm 16.0s	Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 6 18-time(s) 2.0sec		
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 20.0sec
Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms	Obs 2x2 512x512 (1064, 1048) Q=95 2 1 2.0sec
Open/Ti-poly	Open/thick-Be close Safe Norm 1.00s	Obs 1x1 512x512 (1064, 1048) Q=95 2 1 20.0sec
Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms	Obs 2x2 512x512 (1064, 1048) Q=95 2 2 2.0sec
Open/Ti-poly	Open/thick-Be close Safe Norm 1.00s	Obs 1x1 512x512 (1064, 1048) Q=95 2 2 20.0sec
Open/Al-mesh	Open/thick-Al close Safe Norm 500ms	Obs 1x1 512x512 (1064, 1048) Q=95 3 3 2.0sec
Open/Ti-poly	Open/thick-Be close Safe Norm 1.00s	Obs 1x1 512x512 (1064, 1048) Q=95 3 3 20.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin	ROI: size (center) Comp. AEC Buffer Interval

Term	Pointing (x, y)	Comment
XOB #187A: Synoptic Q95 2x2 - Al/mesh(44/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(88/2897) + G-band(16)		
05/17 23:54:06 - 05/18 00:01:00	Fixed (0.0, 0.0)	synoptic
05/19 00:31:36 - 05/19 00:38:30	Fixed (0.0, 0.0)	synoptic

Term	Pointing (x, y)	Comment
PROG= 10 1-time(s)		
└─ Subr= 1 1-time(s) 12.0sec		
└─ Seqn= 86 1-time(s) 4.0sec		
Open/Al-mesh	Open/Al-mesh close Safe Norm 44ms	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s	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= 37 1-time(s) 4.0sec		
Open/Ti-poly	Open/Ti-poly close Safe Norm 86ms	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/Ti-poly close Safe Norm 2.83s	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

Term	Pointing (x, y)	Comment
XOB #187D: AR Standard-A(Filter-Ratio) with eruption PFB, FW1=Open, 384x384 at 1064 1048, 100s cad		
05/18 01:32:36 - 05/18 04:05:30	Track (270.7, -400.4) ^{05/18 01:15:00}	HOP181, track AR12214
05/18 04:49:36 - 05/18 11:59:54	Track (419.0, -397.1) ^{05/18 04:30:00}	Track AR12214
05/18 12:13:00 - 05/19 00:00:00	Track (470.7, -398.8) ^{05/18 12:10:00}	Track AR12214

Term	Pointing (x, y)	Comment
PROG= 03 Inf.-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 19 1-time(s) 2.0sec		
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s	Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 63ms	Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
└─ Seqn=100 4-time(s) 2.0sec		
Open/Ti-poly	Open/thick-Al close Safe Norm 500ms	Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
Open/thick-Al	Open/thick-Be close Safe Norm 16.0s	Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 6 18-time(s) 2.0sec		
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 20.0sec
Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms	Obs 2x2 512x512 (1064, 1048) Q=95 2 1 2.0sec
Open/Ti-poly	Open/thick-Be close Safe Norm 1.00s	Obs 1x1 512x512 (1064, 1048) Q=95 2 1 20.0sec
Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms	Obs 2x2 512x512 (1064, 1048) Q=95 2 2 2.0sec
Open/Ti-poly	Open/thick-Be close Safe Norm 1.00s	Obs 1x1 512x512 (1064, 1048) Q=95 2 2 20.0sec
Open/Al-mesh	Open/thick-Al close Safe Norm 500ms	Obs 1x1 512x512 (1064, 1048) Q=95 3 3 2.0sec
Open/Ti-poly	Open/thick-Be close Safe Norm 1.00s	Obs 1x1 512x512 (1064, 1048) Q=95 3 3 20.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin	ROI: size (center) Comp. AEC Buffer Interval

Term	Pointing (x, y)	Comment
XOB #1880: AR Standard-B(Morphology) with eruption PFB, FW1=Open, Ti/Poly, 384x384 at 1064 1048, 22sec-cad		
05/19 02:11:00 - 05/19 04:43:30	Track (445.8, -405.1) ^{05/19 01:50:00}	HOP181, Track AR12214
05/19 05:24:00 - 05/19 09:24:20	Track (576.3, -402.9) ^{05/19 05:10:00}	Track AR12214

Term	Pointing (x, y)	Comment
PROG= 20 Inf.-time(s)		
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 19 1-time(s) 2.0sec		
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s	Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec

Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 41 4-time(s) 2.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Subr= 1 1-time(s) 2.0sec												
Seqn= 13 55-time(s) 22.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	2x2	512x512 (1064, 1048)	Q=95	2	1	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	2x2	512x512 (1064, 1048)	Q=95	2	2	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (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	

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Flare mode

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XOB #1828: Flare Standard Obs. with eruptions mode-A (FW1=Open)

Term	Pointing (x, y)	Comment
05/17 11:17:00 - 05/17 11:35:54	Fixed (936.0, 0.0)	# OP start + 10min, HOP130 (1)
05/17 11:39:00 - 05/17 11:54:00	Fixed (468.0, 0.0)	HOP130 (2)
05/17 12:39:00 - 05/17 12:52:24	Fixed (-468.0, 0.0)	HOP130 (4)
05/17 12:55:30 - 05/17 13:08:24	Fixed (-936.0, 0.0)	HOP130 (5)
05/17 13:11:30 - 05/17 13:32:00	Fixed (815.0, 470.0)	HOP130 (6)
05/17 14:03:06 - 05/17 14:14:54	Fixed (411.0, 847.0)	HOP130 (7)
05/17 14:18:00 - 05/17 14:30:54	Fixed (0.0, 941.0)	HOP130 (8)
05/17 14:34:00 - 05/17 14:46:54	Fixed (-411.0, 847.0)	HOP130 (9)
05/17 14:50:00 - 05/17 14:56:54	Fixed (-815.0, 470.0)	HOP130 (10)
05/17 15:00:00 - 05/17 16:01:24	Fixed (815.0, -470.0)	HOP130 (11)
05/17 16:04:30 - 05/17 16:17:24	Fixed (411.0, -847.0)	HOP130 (12)
05/17 16:20:30 - 05/17 16:33:24	Fixed (0.0, -941.0)	HOP130 (13)
05/17 16:36:30 - 05/17 17:38:24	Fixed (-411.0, -847.0)	HOP130 (14)
05/17 17:41:30 - 05/17 17:47:54	Fixed (-815.0, -471.0)	HOP130 (15)
05/17 22:26:36 - 05/17 23:23:00	Track (193.2, 346.4) @ 05/17 21:48:00	Track old AR (previously 11193)
05/18 00:04:06 - 05/18 01:01:30	Fixed (0.0, 0.0)	synoptic
05/18 01:32:36 - 05/18 04:05:30	Track (270.7, -400.4) @ 05/18 01:15:00	HOP181, track AR12214
05/18 04:49:36 - 05/18 11:59:54	Track (419.0, -397.1) @ 05/18 04:30:00	Track AR12214
05/18 12:13:00 - 05/19 00:00:00	Track (470.7, -398.8) @ 05/18 12:10:00	Track AR12214
05/19 00:41:36 - 05/19 01:38:30	Fixed (0.0, 0.0)	synoptic
05/19 02:11:00 - 05/19 04:43:30	Track (445.8, -405.1) @ 05/19 01:50:00	HOP181, Track AR12214
05/19 05:24:00 - 05/19 09:24:20	Track (576.3, -402.9) @ 05/19 05:10:00	Track AR12214

PROG= 08 1-time(s)

Subr= 1 30-time(s) 20.0sec												
Seqn= 87 1-time(s) 2.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 60 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 90 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3 30-time(s) 60.0sec												
Seqn= 87 1-time(s) 2.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 88 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 90 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3 30-time(s) 60.0sec												
Seqn= 87 1-time(s) 2.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec

Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 88 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 4 24-time(s) 600.0sec												
Seqn= 89 1-time(s) 2.0sec												
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Active Region Search

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NOT USED

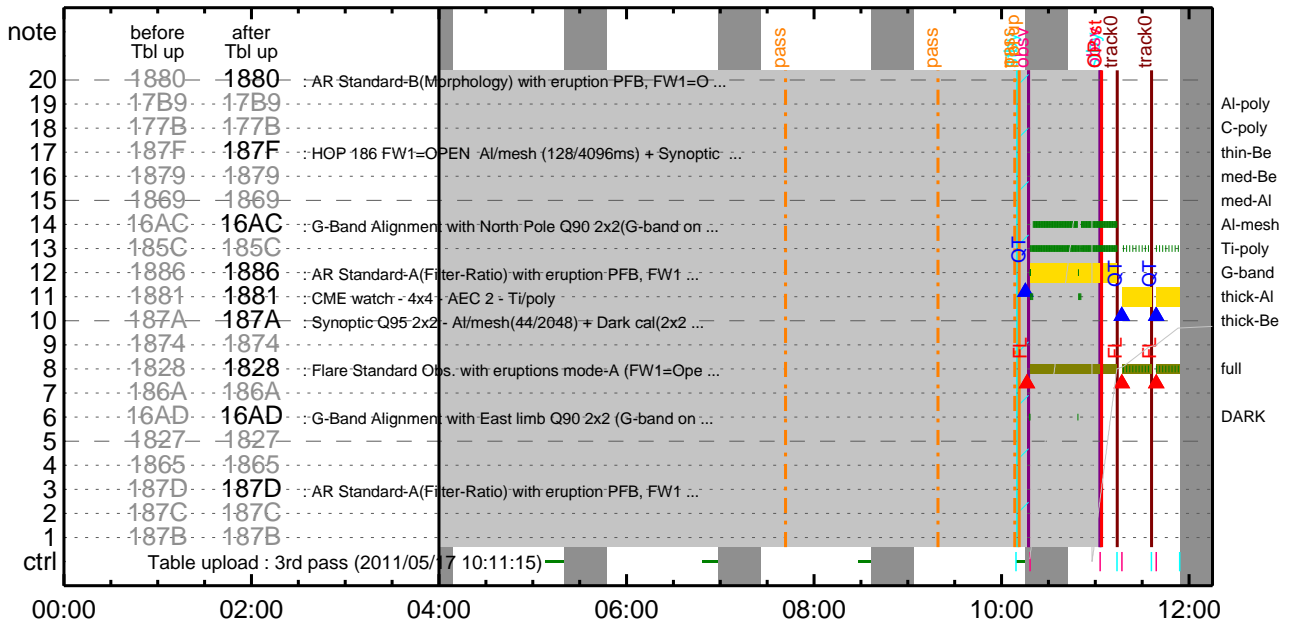
* * * * *

Flare Detection

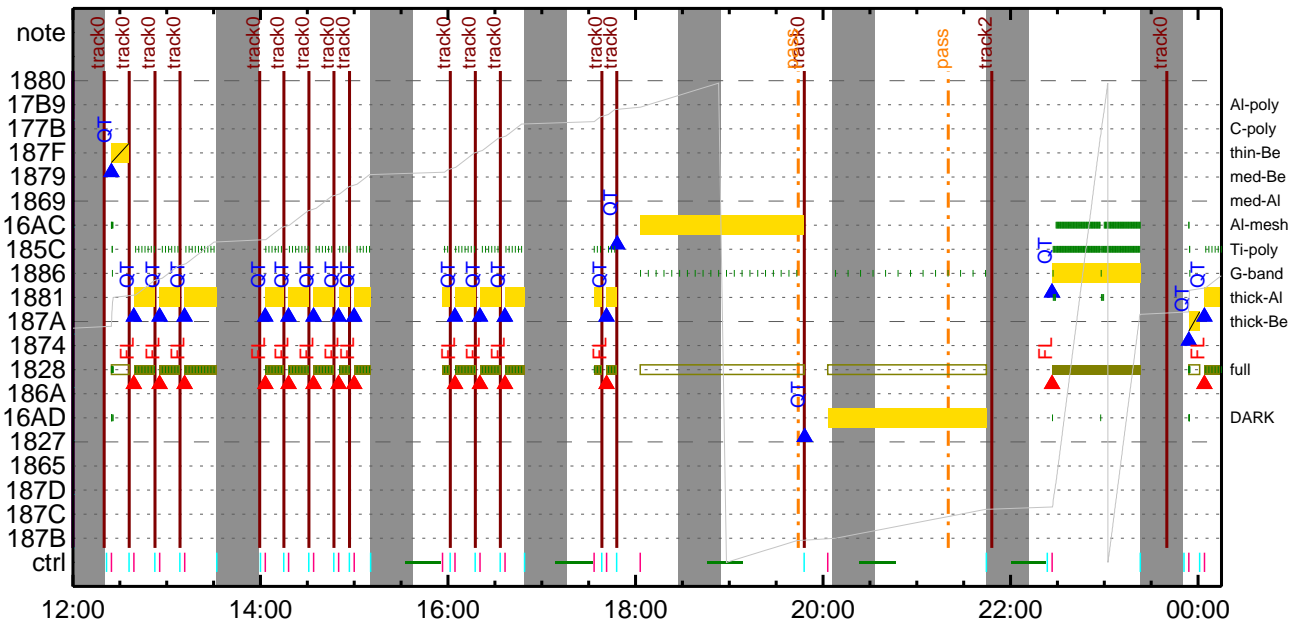
* * * * *

FLD Patrol												
Term	Pointing (x, y)		Comment									
05/17 12:38:46 - 05/17 17:48:18	Fixed (-468.0, 0.0)		HOP130 (4)									
05/17 22:26:22 - 05/17 23:51:22	Track (193.2, 346.4) @ 05/17 21:48:00		Track old AR (previously 11193)									
05/18 00:03:52 - 05/18 12:00:16	Fixed (0.0, 0.0)		synoptic									
05/18 12:12:46 - 05/19 00:28:52	Track (470.7, -398.8) @ 05/18 12:10:00		Track AR12214									
05/19 00:41:22 - 05/21 09:45:00	Fixed (0.0, 0.0)		synoptic									
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	

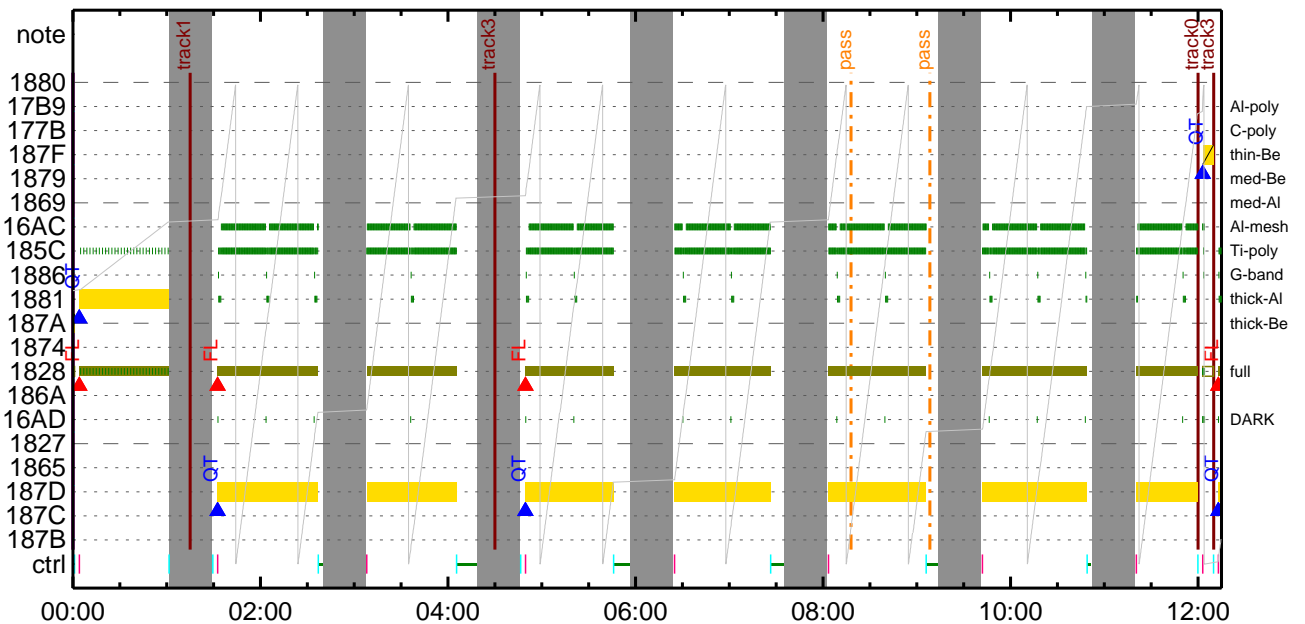
CMDI #0932 2011/05/17



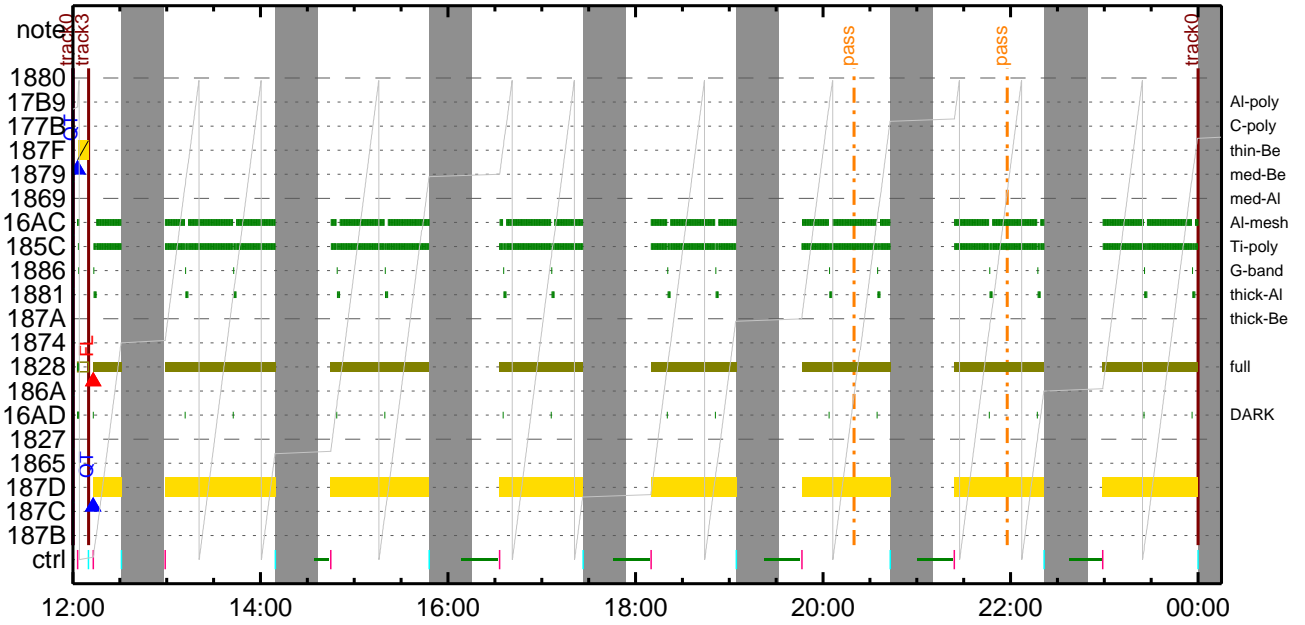
CMDI #0932 2011/05/17



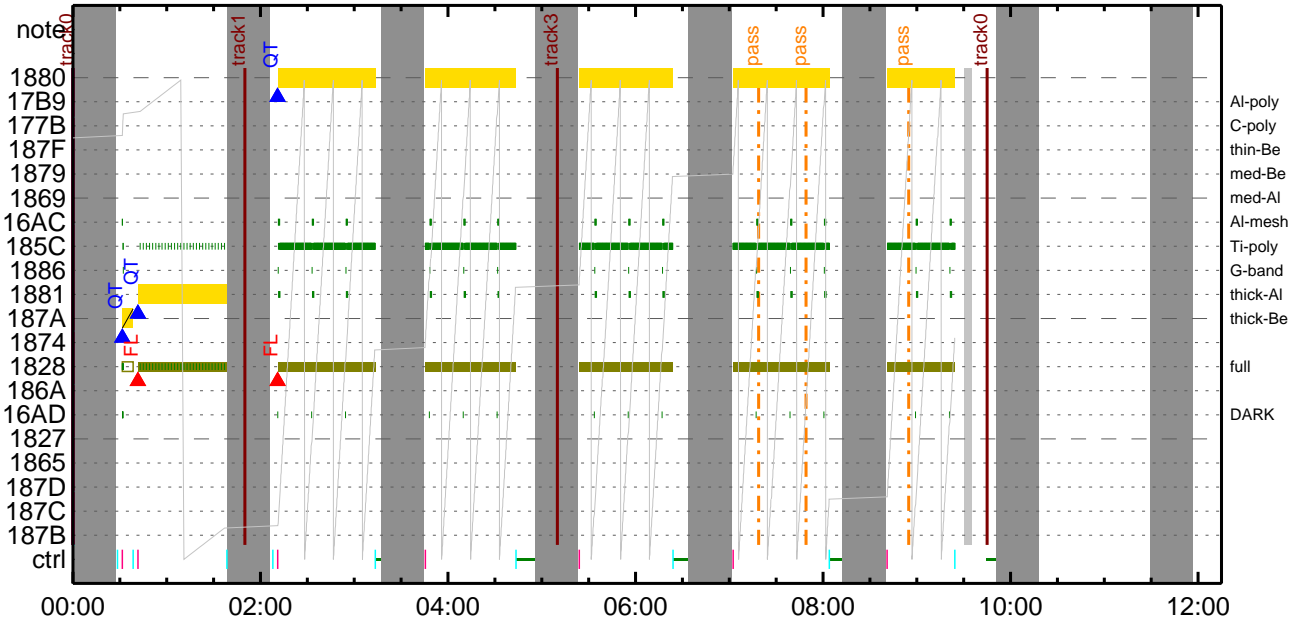
CMDI #0932 2011/05/18



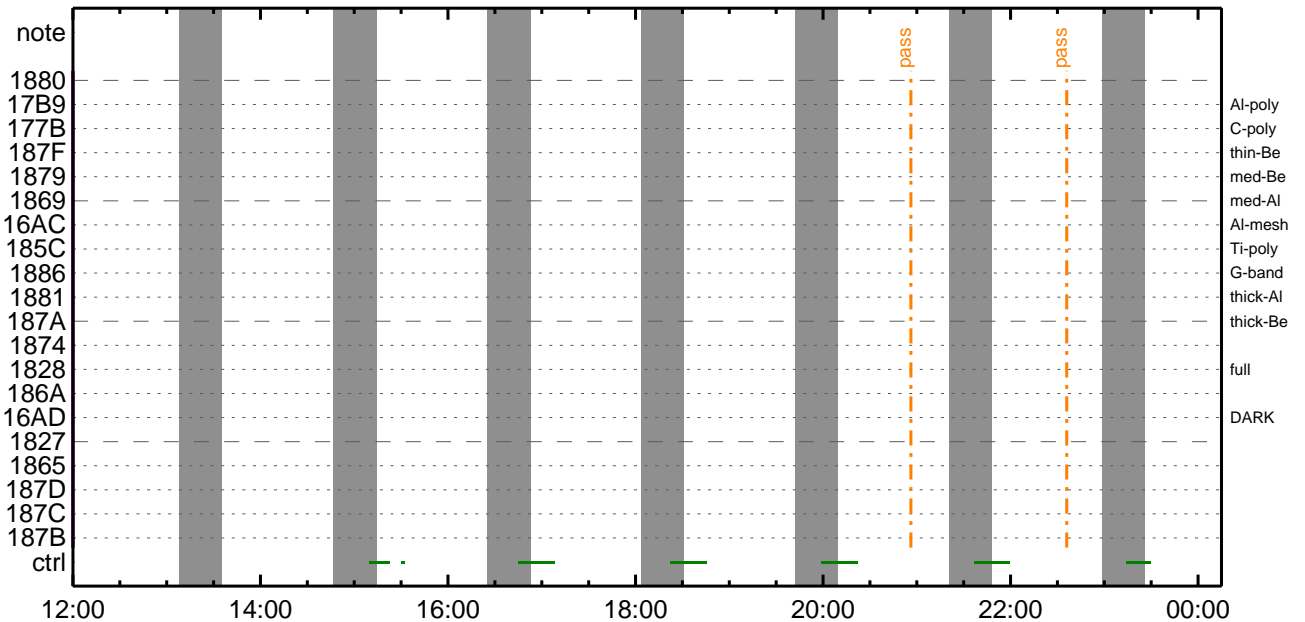
CMDI #0932 2011/05/18



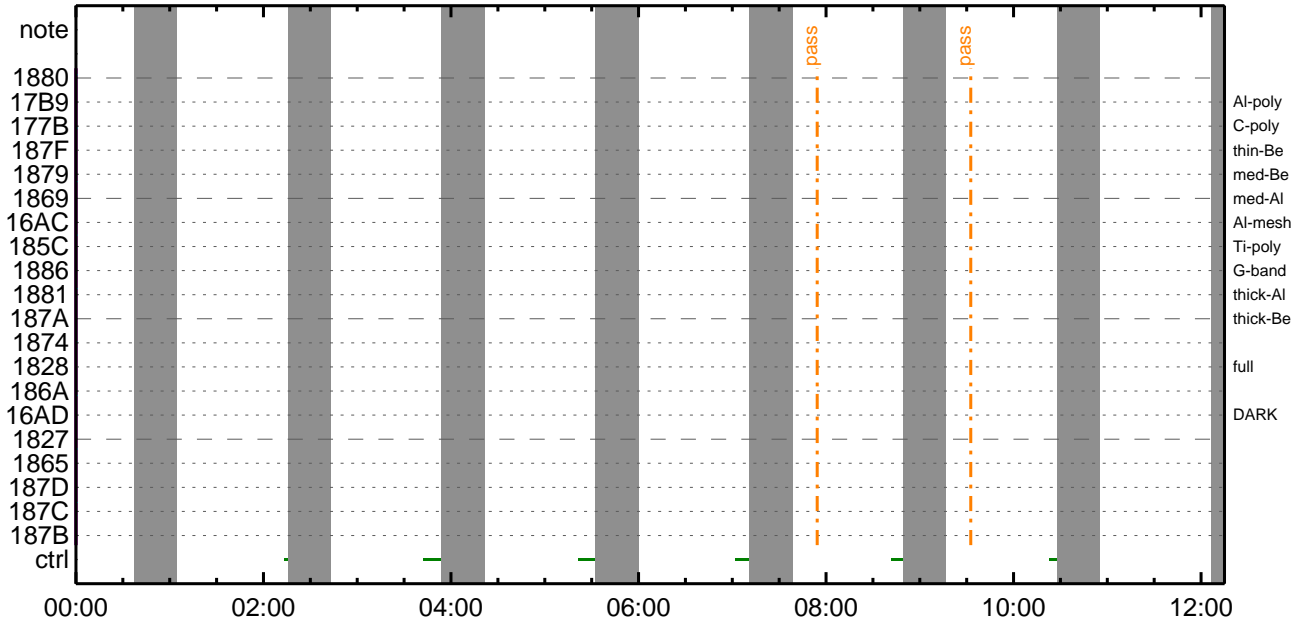
CMDI #0932 2011/05/19



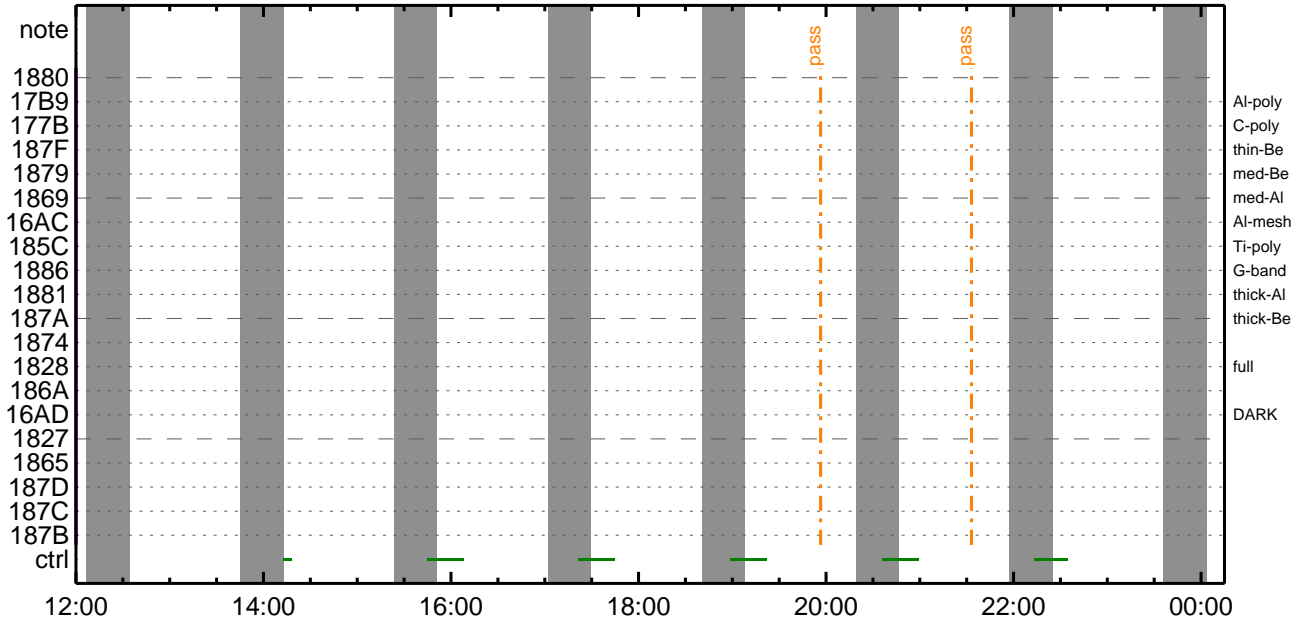
CMDI #0932 2011/05/19



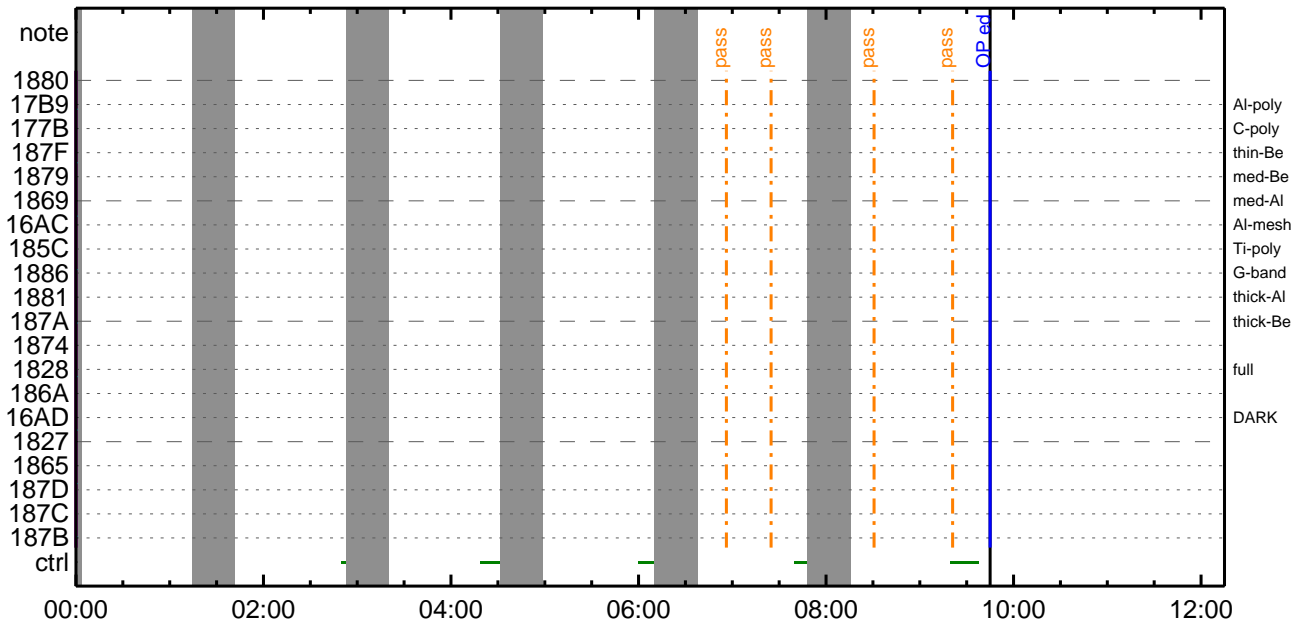
CMDI #0932 2011/05/20



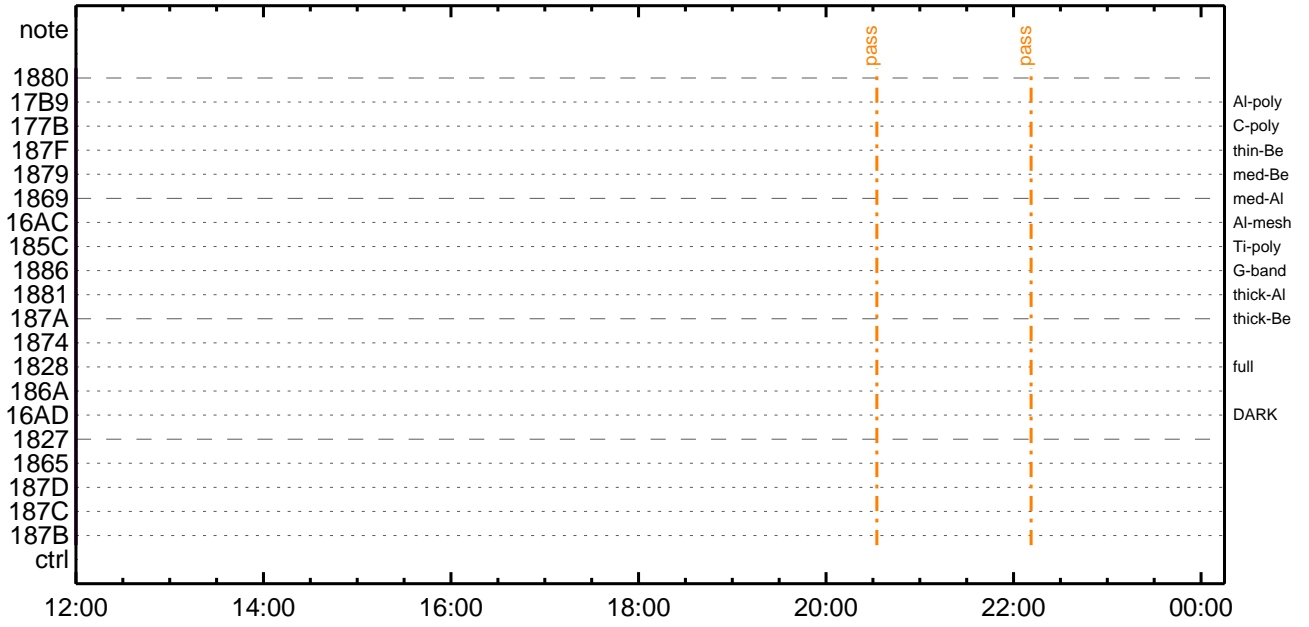
CMDI #0932 2011/05/20



CMDI #0932 2011/05/21



CMDI #0932 2011/05/21




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-075:OP
0104 ( )
0105 S. OG og-075:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOX;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. YAYOXx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGñî¼E¹ç•è²îOKò³îÇ§
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. YAYOXx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGñî¼E¹ç•è²îOKò³îÇ§
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. YAYOXx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPñî¼E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** òE²¼òî¼Ã´¶Á°òEÉ-ò°Á÷¿@ (¼âµ-YAYOXx½ªî»ò³îÇ§òðÁÔÃæòÇ¼ª°"òE¼i¹çòÇòâ) *****
0167 C. DHUYâ;4YE;E¼Y½;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 UPLOADò-Á÷¿@NGñî¼E¹ç;ç°E²¼òî¼TI-CMDÁ÷¿@ñî¼Á¹Ôª°òEòòò³òE;f
0180 C. òEò¿;çSETòEDUMPAîE±°iYNY¹ç¹Ôª|ò³òE;f
0181 C.
0182 C. TIY³YpYóYEòðÁDî¿(UT)
0183 +. TI 2011-05-17 10:59:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2011-05-17 10:59:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2011-05-17 10:59:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```

```

0194 C.
0195 +. TI 2011-05-17 11:03:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                      EQ      1COUNTUP
0198 C.
0199 C.  °È²¼ïÄē%îîñôîŷÄ¥§ŷÄŷ-¹àîÛ
0200 C.          çç[HK1_TI_CMD_ENA/DIS]                    EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]                        EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]                     EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]                       EQ      0xB3
0204 C.
0205 C.  *****
0206 C.  TIîî°èŷÄŷÖŷ×
0207 C.  *****
0208 C.
0209 C.  TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC       (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]                    EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]                    EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]                      EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]                    EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]                       EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC       (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]                       EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]                       EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]                    EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]                    EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]                       EQ      EXEC
0224 C.
0225 C.  ŷÄŷÖŷ×½¹î»ò³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]                       EQ      NON
0227 C.
0228 C.  RAM ID=TI_TBLîî½è¹ç•è²îOKò³îç§
0229 C.
0230 C.  DHUŷâ;¼ŷÈ;È¼ŷ¼.ŷî;¼ŷÈ;Èòðîâñ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC       (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]                       EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]                       EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]                    EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]                    EQ      4M
0237 C.
0238 C.  *****
0239 C.  SOT TI command set
0240 C.  *****
0241 C.  Execute, after the success of OP upload.
0242 +. TI 2011-05-17 11:03:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC       (41)
0245 C.  -----
0246 C.    HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C.  -----
0248 C.  ***** SOT END *****
0249 C.  Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C.  ***** Start EIS operation (TI set) *****
0253 C.  Execute, after the success of OP upload.
0254 C.  Set EIS TI-commands
0255 +. TI 2011-05-17 11:03:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC       (21 02)
0258 +. TI 2011-05-17 11:03:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC       (22)
0261 C.          [ ] [HK1_TI_CMD_NUM]                      EQ      2 COUNTUP
0262 C.  ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C.  ***** XRT START *****
0267 C.  Execute, after the success of OP upload.
0268 +. TI 2011-05-17 11:03:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC       (c3)
0271 C.          [ ] [HK1_TI_CMD_NUM]                      EQ      1COUNTUP
0272 C.
0273 C.  ***** XRT END *****
0274 C.
0275 C.  ***** MDP ´ûÄîäî»ö¼ŷòÈÄð¹ñèDCBC•x²è *****
0276 C.  (¼á°îŷÖŷÄŷÈŷŷŷŷÄŷçŷèè¼ò¼Ä»Ûñ¹è)
0277 C.  S. DC-BC dcbc-402:DCBC
0278 C.  (MDP_known_event)
0279 C.
0280 C.
0281 C.  ***** ŷÐŷ¹.î Daily±çîñòÈ'òñ¹èDCBC•x²è *****
0282 C.  S. DC-BC dcbc-153:DCBC
0283 C.  (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C.  ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Û;ä
0287 C.
0288 C.  ***** LOS *****
0289 C.

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-077 2011-05-17 12:42:36 159 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°È»Í×ÁÇãÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈÈÈ¼°ÇÔã•ã¿¼í¹çãÍ;çÀ®, ùã¹ãÈãÈãÇÁ+¿®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-261: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 2011-05-17 11:03:18.0
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 08 08)
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 85 83 08 08)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 08 80 80 20 20)
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_ARS_DIS
0121 BC (d5)
0122 + DC 07-F0 MDP_XRT_QT_PROG_SET
0123 BC (c4 0c)
0124 + DC 07-F0 MDP_XRT_FL_PROG_SET
0125 BC (c5 08)
0126 . C. ----- Success Verify ? OK / NG ____
0127 C.
0128 C.
0129 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0130 C.
0131 + DC 07-F0 MDP_XRT_MODE_OBSV
0132 BC (c2)
0133 + DC 07-F0 MDP_XRT_CTRL_AUTO
0134 BC (c0)
0135 + TI 2011-05-17 11:03:02.0
0136 DC 07-F0 MDP_XRT_MODE_OBSV
0137 BC (c2)
0138 + TI 2011-05-17 11:03:04.0
0139 DC 07-F0 MDP_XRT_CTRL_AUTO
0140 BC (c0)
0141 . C. ----- Success Verify ? OK / NG ____
0142 C.
0143 C. ***** XRT END *****
0144 C.
0145 . C. ***** MDP `ûÃîñî»ò%ÿñÊÂð¹ñèDCBC•x²è *****
0146 C. (%ã°îÿÓÿÃÿÈÿPÿÈÿãÿçÿèñÊ%ãã%Ã»Ûñ¹ñè)
0147 . S. DC-BC dcbc-402:DCBC
0148 (MDP_known_event)
0149 C.
0150 C.
0151 . C. ***** ÿDÿ¹.Ï Daily±;îÑñÊ´Øñ¹ñèDCBC•x²è *****
0152 . S. DC-BC dcbc-153:DCBC
0153 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0154 C.
0155 C.
0156 . C. ;ãLOSÿÃÿSÿÿÿÿ-¼Ã»Û;ã
0157 C.
0158 . C. ***** LOS *****
0159 C.
```

May 17, 11 12:42

XRT_OGLIST_0932.chk

Page 1/9

*** OP Sequence for XRT ***

2011/05/17	11:13:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/17	11:14:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00	ac	cd		
2011/05/17	11:16:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe	97	00		
2011/05/17	11:16:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/05/17	11:16:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/05/17	11:16:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/05/17	11:16:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/05/17	11:16:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/17	11:16:56.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2011/05/17	11:16:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	08			
2011/05/17	11:17:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/17	11:35:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/17	11:36:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00	d6	67		
2011/05/17	11:38:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe	97	00		
2011/05/17	11:38:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/05/17	11:38:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/05/17	11:38:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/05/17	11:38:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/05/17	11:38:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/17	11:38:56.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2011/05/17	11:38:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	08			
2011/05/17	11:39:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/17	11:54:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/17	11:54:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/17	11:54:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/17	11:57:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/17	12:20:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00	00	00		
2011/05/17	12:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/17	12:21:32.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff	aa	00		
2011/05/17	12:21:52.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/05/17	12:21:54.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/05/17	12:21:56.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/05/17	12:24:34.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2011/05/17	12:24:36.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/17	12:35:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/17	12:36:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00	29	99		
2011/05/17	12:38:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe	97	00		
2011/05/17	12:38:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/05/17	12:38:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/05/17	12:38:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/05/17	12:38:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/05/17	12:38:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/17	12:38:56.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2011/05/17	12:38:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	08			
2011/05/17	12:39:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/17	12:52:24.0	XRT_CTRL_MANU_439_OG [0x1b7]							

May 17, 11 12:42

XRT_OGLIST_0932.chk

Page 2/9

2011/05/17	12:52:30.0	AOCS_ORe-point_Start_5_OG [0x09b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			AOCU_NM	5	02-76	00 00 00 53 33
2011/05/17	12:54:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/05/17	12:55:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2011/05/17	12:55:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/05/17	12:55:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0
2011/05/17	12:55:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5
2011/05/17	12:55:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/05/17	12:55:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2011/05/17	12:55:28.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08
2011/05/17	12:55:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/05/17	13:08:24.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/05/17	13:08:30.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 d6 36 b7 8e
2011/05/17	13:10:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/05/17	13:11:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2011/05/17	13:11:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/05/17	13:11:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0
2011/05/17	13:11:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5
2011/05/17	13:11:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/05/17	13:11:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2011/05/17	13:11:28.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08
2011/05/17	13:11:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/05/17	13:32:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/05/17	13:32:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/05/17	13:32:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/05/17	13:35:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/05/17	13:59:30.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 b4 b5 db 75
2011/05/17	14:00:00.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/05/17	14:02:32.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/05/17	14:02:52.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2011/05/17	14:02:54.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/05/17	14:02:56.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0
2011/05/17	14:02:58.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5
2011/05/17	14:03:00.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/05/17	14:03:02.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2011/05/17	14:03:04.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08
2011/05/17	14:03:06.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/05/17	14:14:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/05/17	14:15:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 ac 5b 00 00
2011/05/17	14:17:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/05/17	14:17:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2011/05/17	14:17:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/05/17	14:17:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0
2011/05/17	14:17:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5
2011/05/17	14:17:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/05/17	14:17:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2011/05/17	14:17:58.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08

May 17, 11 12:42

XRT_OGLIST_0932.chk

Page 3/9

2011/05/17	14:18:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/17	14:30:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/17	14:31:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 b4 b5 24 8b	
2011/05/17	14:33:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/05/17	14:33:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/05/17	14:33:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/05/17	14:33:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/05/17	14:33:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/05/17	14:33:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/17	14:33:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2011/05/17	14:33:58.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08	
2011/05/17	14:34:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/17	14:46:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/17	14:47:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 d6 36 48 72	
2011/05/17	14:49:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/05/17	14:49:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/05/17	14:49:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/05/17	14:49:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/05/17	14:49:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/05/17	14:49:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/17	14:49:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2011/05/17	14:49:58.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08	
2011/05/17	14:50:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/17	14:56:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/17	14:57:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 29 ca b7 8e	
2011/05/17	14:59:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/05/17	14:59:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/05/17	14:59:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/05/17	14:59:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/05/17	14:59:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/05/17	14:59:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/17	14:59:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2011/05/17	14:59:58.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08	
2011/05/17	15:00:00.5	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/17	15:10:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/17	15:10:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/17	15:10:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/05/17	15:13:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/05/17	15:55:30.0	XRT_Custom_418_OG [0x1a2]					
2011/05/17	15:56:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/17	16:01:24.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/17	16:01:30.0	AOCS_ORe-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00 4b 4b db 75	
2011/05/17	16:03:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/05/17	16:04:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/05/17	16:04:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/05/17	16:04:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/05/17	16:04:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	

May 17, 11 12:42

XRT_OGLIST_0932.chk

Page 4/9

2011/05/17	16:04:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/05/17	16:04:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2011/05/17	16:04:28.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	08		
2011/05/17	16:04:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/05/17	16:17:24.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/05/17	16:17:30.0	AOCS_ORe-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00	53	a5	00 00
2011/05/17	16:19:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2011/05/17	16:20:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/05/17	16:20:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/05/17	16:20:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/05/17	16:20:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/05/17	16:20:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/05/17	16:20:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2011/05/17	16:20:28.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	08		
2011/05/17	16:20:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/05/17	16:33:24.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/05/17	16:33:30.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	4b	4b	24 8b
2011/05/17	16:35:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2011/05/17	16:36:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/05/17	16:36:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/05/17	16:36:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/05/17	16:36:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/05/17	16:36:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/05/17	16:36:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2011/05/17	16:36:28.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	08		
2011/05/17	16:36:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/05/17	16:49:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/05/17	16:49:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/05/17	16:49:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2011/05/17	16:52:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2011/05/17	17:32:30.0	XRT_Custom_418_OG [0x1a2]							
2011/05/17	17:33:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/05/17	17:38:24.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/05/17	17:38:30.0	AOCS_ORe-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00	29	db	48 72
2011/05/17	17:40:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2011/05/17	17:41:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/05/17	17:41:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/05/17	17:41:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/05/17	17:41:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/05/17	17:41:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/05/17	17:41:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2011/05/17	17:41:28.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	08		
2011/05/17	17:41:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/05/17	17:47:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/05/17	17:47:56.0	XRT_FOCUS_POSITION_445_OG [0x1bd]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2011/05/17	17:48:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00	ac	00	00 00
2011/05/17	17:48:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e		

May 17, 11 12:42

XRT_OGLIST_0932.chk

Page 5/9

2011/05/17	17:48:18.0	XRT_FLD_DIS_423_OG [0x1a7]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2011/05/17	17:48:20.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2011/05/17	17:48:22.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/05/17	18:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/05/17	19:47:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/05/17	19:47:56.0	XRT_FOCUS_POSITION_445_OG [0x1bd]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2011/05/17	19:48:00.0	AOCS_Ore-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 00 00 54 00		
2011/05/17	19:48:16.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2011/05/17	19:48:18.0	XRT_FLD_DIS_423_OG [0x1a7]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2011/05/17	19:48:20.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2011/05/17	19:48:22.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/05/17	20:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/05/17	21:44:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/05/17	21:44:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/05/17	21:44:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/05/17	21:47:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/05/17	21:48:00.0	AOCS_Ore-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	02 00 00 00 00		
2011/05/17	22:23:30.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/05/17	22:26:02.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2011/05/17	22:26:22.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2011/05/17	22:26:24.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2011/05/17	22:26:26.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2011/05/17	22:26:28.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/05/17	22:26:30.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/05/17	22:26:32.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2011/05/17	22:26:34.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08		
2011/05/17	22:26:36.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/05/17	23:23:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/05/17	23:23:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/05/17	23:23:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/05/17	23:26:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/05/17	23:40:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2011/05/17	23:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/05/17	23:51:02.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2011/05/17	23:51:22.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2011/05/17	23:51:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2011/05/17	23:51:26.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/05/17	23:54:04.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2011/05/17	23:54:06.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/05/18	00:01:00.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/05/18	00:03:32.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2011/05/18	00:03:52.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2011/05/18	00:03:54.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2011/05/18	00:03:56.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2011/05/18	00:03:58.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/05/18	00:04:00.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/05/18	00:04:02.0	XRT_QT_PROG_SET_446_OG [0x1be]						

May 17, 11 12:42

XRT_OGLIST_0932.chk

Page 6/9

2011/05/18	00:04:04.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2011/05/18	00:04:06.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	08
2011/05/18	01:01:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/18	01:01:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/18	01:01:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/18	01:04:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/05/18	01:15:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/05/18	01:29:30.0	XRT_CTRL_MANU_439_OG [0x1b7]	AOCU_NM	5	02-76	01 00 00 00 00	
2011/05/18	01:32:02.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/18	01:32:22.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/05/18	01:32:24.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/05/18	01:32:26.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/05/18	01:32:28.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/05/18	01:32:30.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/05/18	01:32:32.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/18	01:32:34.0	XRT_FL_PROG_SET_414_OG [0x19e]	XRT_QT_PROG_SET	2	07-F0	c4 03	
2011/05/18	01:32:36.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08	
2011/05/18	02:37:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/18	02:37:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/18	02:37:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/18	02:40:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/05/18	03:07:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/05/18	03:08:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	XRT_Custom_418_OG [0x1a2]	1	07-F0	c0	
2011/05/18	04:05:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/18	04:05:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/18	04:05:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/18	04:08:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/05/18	04:30:00.0	AOCS_OrE-point_Start_20_OG [0x0aa]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/05/18	04:46:30.0	XRT_CTRL_MANU_439_OG [0x1b7]	AOCU_NM	5	02-76	03 00 00 00 00	
2011/05/18	04:49:02.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/18	04:49:22.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/05/18	04:49:24.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/05/18	04:49:26.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/05/18	04:49:28.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/05/18	04:49:30.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/05/18	04:49:32.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/18	04:49:34.0	XRT_FL_PROG_SET_414_OG [0x19e]	XRT_QT_PROG_SET	2	07-F0	c4 03	
2011/05/18	04:49:36.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08	
2011/05/18	05:46:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/18	05:46:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/18	05:46:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/18	05:49:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/05/18	06:24:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/05/18	06:25:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	XRT_Custom_418_OG [0x1a2]	1	07-F0	c0	
2011/05/18	07:26:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/05/18	07:26:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/05/18	07:26:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/05/18			MDP_XRT_PREFLR_STRT	1	07-F0	e8	

May 17, 11 12:42

XRT_OGLIST_0932.chk

Page 7/9

2011/05/18	07:29:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	08:02:30.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	08:03:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	09:06:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	09:06:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	09:06:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/18	09:09:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	09:41:00.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	09:42:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	10:49:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	10:49:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	10:49:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/18	10:52:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	11:19:30.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	11:20:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	11:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	11:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/05/18	12:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2011/05/18	12:00:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/05/18	12:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/05/18	12:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/05/18	12:02:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2011/05/18	12:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	12:09:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	12:10:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2011/05/18	12:12:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/05/18	12:12:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/05/18	12:12:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/05/18	12:12:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/05/18	12:12:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/05/18	12:12:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	12:12:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2011/05/18	12:12:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2011/05/18	12:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	12:31:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	12:31:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	12:31:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/18	12:34:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	12:58:00.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	12:59:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	14:09:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	14:09:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	14:09:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/18	14:12:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	14:44:00.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	14:45:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	15:48:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	15:48:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	15:48:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

May 17, 11 12:42

XRT_OGLIST_0932.chk

Page 8/9

2011/05/18	15:51:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	16:32:00.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	16:33:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	17:26:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	17:26:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	17:26:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/18	17:29:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	18:09:00.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	18:10:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	19:04:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	19:04:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	19:04:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/18	19:07:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	19:45:30.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	19:46:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	20:43:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	20:43:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	20:43:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/18	20:46:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	21:23:00.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	21:24:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/18	22:21:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/18	22:21:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/18	22:21:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/18	22:24:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/18	22:58:00.0	XRT_Custom_418_OG [0x1a2]							
2011/05/18	22:59:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/19	00:00:00.0	AOCs_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2011/05/19	00:00:00.5	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/19	00:00:02.5	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/19	00:00:04.5	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/05/19	00:03:14.5	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/05/19	00:28:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/19	00:28:32.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/05/19	00:28:52.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/05/19	00:28:54.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/05/19	00:28:56.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/05/19	00:31:34.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2011/05/19	00:31:36.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/05/19	00:38:30.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/05/19	00:41:02.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/05/19	00:41:22.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/05/19	00:41:24.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/05/19	00:41:26.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/05/19	00:41:28.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/05/19	00:41:30.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/05/19	00:41:32.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2011/05/19	00:41:34.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2011/05/19	00:41:36.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

May 17, 11 12:42

XRT_OGLIST_0932.chk

Page 9/9

2011/05/19	01:38:30.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2011/05/19	01:38:32.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2011/05/19	01:38:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2011/05/19	01:41:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2011/05/19	01:50:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]								
		AOCU_NM	5	02-76	01 00 00 00 00					
2011/05/19	02:07:54.0	XRT_CTRL_MANU_439_OG [0x1b7]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2011/05/19	02:10:26.0	XRT_FOCUS_POSITION_409_OG [0x199]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					
2011/05/19	02:10:46.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2011/05/19	02:10:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2011/05/19	02:10:50.0	XRT_AEC_RESET_443_OG [0x1bb]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2011/05/19	02:10:52.0	XRT_ARS_DIS_431_OG [0x1af]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2011/05/19	02:10:54.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2011/05/19	02:10:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14					
2011/05/19	02:10:58.0	XRT_FL_PROG_SET_414_OG [0x19e]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08					
2011/05/19	02:11:00.0	XRT_CTRL_AUTO_406_OG [0x196]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2011/05/19	03:13:30.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2011/05/19	03:13:32.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2011/05/19	03:13:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2011/05/19	03:16:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2011/05/19	03:44:30.0	XRT_Custom_418_OG [0x1a2]								
2011/05/19	03:45:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2011/05/19	04:43:30.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2011/05/19	04:43:32.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2011/05/19	04:43:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2011/05/19	04:46:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2011/05/19	05:10:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]								
		AOCU_NM	5	02-76	03 00 00 00 00					
2011/05/19	05:23:00.0	XRT_Custom_418_OG [0x1a2]								
2011/05/19	05:24:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2011/05/19	06:24:00.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2011/05/19	06:24:02.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2011/05/19	06:24:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2011/05/19	06:27:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2011/05/19	07:01:30.0	XRT_Custom_418_OG [0x1a2]								
2011/05/19	07:02:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2011/05/19	08:04:00.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2011/05/19	08:04:02.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2011/05/19	08:04:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2011/05/19	08:07:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2011/05/19	08:40:00.0	XRT_Custom_418_OG [0x1a2]								
2011/05/19	08:41:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2011/05/19	09:24:20.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2011/05/19	09:45:00.0	AOCS_ORe-point_Start_3_OG [0x099]								
		AOCU_NM	5	02-76	00 00 00 00 00					