

XRT Timeline to be uploaded on 2015/12/19

Period: 2015/12/19 10:06:00 - 2015/12/29 10:50:00

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Normal mode

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XOB #1AFE: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
12/19 10:19:00 - 12/19 12:56:54	Track (61.1, 216.6) ^{Ⓜ 12/19 10:16:00}	# OP start + 10min AR 12470 with HOP 276 from 1300-1545UT
12/19 15:48:00 - 12/19 17:37:54	Track (61.1, 216.6) ^{Ⓜ 12/19 10:16:00}	# OP start + 10min AR 12470 with HOP 276 from 1300-1545UT
12/19 21:03:00 - 12/20 05:55:54	Track (159.7, 217.3) ^{Ⓜ 12/19 21:00:00}	# AR 12470
12/20 06:09:00 - 12/20 12:59:54	Track (242.0, 217.6) ^{Ⓜ 12/20 06:06:00}	# AR 12470
12/20 15:48:00 - 12/20 17:49:54	Track (327.2, 217.6) ^{Ⓜ 12/20 15:45:00}	# AR 12470
12/20 21:03:00 - 12/21 05:24:54	Track (372.4, 217.6) ^{Ⓜ 12/20 21:00:00}	# AR 12470
12/21 11:18:30 - 12/21 12:56:54	Track (490.0, 216.9) ^{Ⓜ 12/21 11:15:30}	# AR 12470 with HOP 276 from 1300-1545 UT
12/21 15:48:00 - 12/21 17:35:00	Track (490.0, 216.9) ^{Ⓜ 12/21 11:15:30}	# AR 12470 with HOP 276 from 1300-1545 UT
12/21 21:13:30 - 12/22 05:44:24	Track (543.7, 216.4) ^{Ⓜ 12/21 18:10:00}	# HOP 276 AR 12470 Sunspot until 21UT
12/22 05:57:30 - 12/22 09:32:30	Track (629.3, 215.1) ^{Ⓜ 12/22 05:54:30}	# AR 12470

PROG= 04 Inf.-time(s)

- Subr= 1 1-time(s) 2.0sec
 - Seqn= 56 1-time(s) 2.0sec
 - Open/G-band Open/G-band open Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
 - Open/G-band Open/G-band close Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
 - Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
- Subr= 2 5-time(s) 2.0sec
 - Seqn= 75 1-time(s) 2.0sec
 - Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec
 - Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
 - thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec
 - thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
 - Seqn= 2 4-time(s) 180.0sec
 - Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 0 2.0sec
 - thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 0 55.0sec
 - Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 1 2.0sec
 - thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 1 55.0sec
 - Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 2 2.0sec
 - thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 2 2.0sec

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

XOB #1B04: AR (Filter-Ratio with Al/poly and thin-Be), 128x128 at 1064, 1048 with G-band (3ms/3ms leak) 30s cad - AEC1- HOP276

Term	Pointing (x, y)	Comment
12/19 13:00:00 - 12/19 15:44:54	Track (61.1, 216.6) ^{Ⓜ 12/19 10:16:00}	# OP start + 10min AR 12470 with HOP 276 from 1300-1545UT
12/21 13:00:00 - 12/21 15:44:54	Track (490.0, 216.9) ^{Ⓜ 12/21 11:15:30}	# AR 12470 with HOP 276 from 1300-1545 UT
12/21 18:13:00 - 12/21 20:49:00	Track (543.7, 216.4) ^{Ⓜ 12/21 18:10:00}	# HOP 276 AR 12470 Sunspot until 21UT

PROG= 08 Inf.-time(s)

- Subr= 1 1-time(s) 2.0sec
 - Seqn= 56 1-time(s) 2.0sec
 - Open/G-band Open/G-band open Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
 - Open/G-band Open/G-band close Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
 - Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
- Subr= 2 1-time(s) 2.0sec
 - Seqn= 38 120-time(s) 30.0sec
 - Al-poly/Open thin-Be/Open close Safe Norm 500ms Obs 1x1 128x128 (1064, 1048) Q=95 1 0 2.0sec
 - thin-Be/Open med-Be/Open close Safe Norm 5.66s Obs 1x1 128x128 (1064, 1048) Q=95 1 0 2.0sec

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

XOB #1ADE: Synoptic Q95 2x2 - Al/mesh(8/128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(16/362/1443) + TH

Term	Pointing (x, y)	Comment
12/19 17:41:00 - 12/19 17:47:54	Fixed (0.0, 0.0)	synoptic, shifted -22.0 min
12/20 05:59:00 - 12/20 06:05:54	Fixed (0.0, 0.0)	synoptic, shifted -4.0 min
12/20 17:53:00 - 12/20 17:59:54	Fixed (0.0, 0.0)	synoptic shifted manually
12/21 05:28:00 - 12/21 06:08:24	Fixed (0.0, 0.0)	synoptic, shifted manually
12/21 18:03:00 - 12/21 18:09:54	Fixed (0.0, 0.0)	synoptic
12/22 05:47:30 - 12/22 05:54:24	Fixed (0.0, 0.0)	synoptic, shifted -15.5 min

PROG= 05 1-time(s)

- Subr= 1 1-time(s) 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= 33 1-time(s) 2.0sec
 - Open/Al-mesh Open/Al-mesh close Safe Norm 8ms 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 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Seqn= 49 1-time(s) 2.0sec
 - Al-poly/Open Al-poly/Open close Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec

Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 39 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 54 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B05: QS (Filter-Ratio with Al/poly and Al/mesh), 128x128 at 1064, 1048 with G-band (3ms/3ms leak) 30s cad - AEC0- HOP276

Term	Pointing (x, y)	Comment
12/19 17:51:00 - 12/19 20:59:54	Fixed (-16.0, -971.0)	# HOP 276 S Pole
12/20 13:03:00 - 12/20 15:40:00	Fixed (-16.0, -971.0)	HOP 276 S-Pole 2nd
12/20 18:03:00 - 12/20 20:59:54	Track (-25.5, -26.2) @ 12/20 18:00:00	# HOP 276 Quiet Sun

PROG= 03 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 56 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 83 120-time(s) 30.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	128x128 (1064, 1048)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	1x1	128x128 (1064, 1048)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1AEB: CME watch - 4x4 - AEC 2 - Be-thin - G-band (2x2,1ms) - Leak (2x2,1ms) - 240s cad

Term	Pointing (x, y)	Comment
12/21 06:11:30 - 12/21 06:24:24	Fixed (936.0, 0.0)	HOP 130, 1 of 15
12/21 06:27:30 - 12/21 06:40:24	Fixed (468.0, 0.0)	HOP 130, 2 of 15
12/21 06:43:30 - 12/21 06:56:24	Fixed (0.0, 0.0)	HOP 130, 3 of 15
12/21 06:59:30 - 12/21 07:45:54	Fixed (-468.0, 0.0)	HOP 130, 4 of 15
12/21 07:49:00 - 12/21 08:01:54	Fixed (-936.0, 0.0)	HOP 130, 5 of 15
12/21 08:05:00 - 12/21 08:11:54	Fixed (815.0, 470.0)	HOP 130, 6 of 15
12/21 08:15:00 - 12/21 08:27:54	Fixed (411.0, 847.0)	HOP 130, 7 of 15
12/21 08:31:00 - 12/21 09:21:54	Fixed (0.0, 941.0)	HOP 130, 8 of 15
12/21 09:25:00 - 12/21 09:37:54	Fixed (-411.0, 847.0)	HOP 130, 9 of 15
12/21 09:41:00 - 12/21 09:47:54	Fixed (-815.0, 470.0)	HOP 130, 10 of 15
12/21 09:51:00 - 12/21 09:57:54	Fixed (815.0, -470.0)	HOP 130, 11 of 15
12/21 10:01:00 - 12/21 10:13:54	Fixed (411.0, -847.0)	HOP 130, 12 of 15
12/21 10:17:00 - 12/21 10:49:24	Fixed (0.0, -941.0)	HOP 130, 13 of 15
12/21 10:52:30 - 12/21 11:05:24	Fixed (-411.0, -847.0)	HOP 130, 14 of 15
12/21 11:08:30 - 12/21 11:15:24	Fixed (-815.0, -471.0)	HOP 130, 15 of 15

PROG= 13 Inf.-time(s)

Subr= 1 45-time(s) 240.0sec												
Seqn= 29 1-time(s) 4.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 26 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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XOB #1AE7: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512

Term	Pointing (x, y)	Comment
12/19 10:19:00 - 12/19 12:56:54	Track (61.1, 216.6) @ 12/19 10:16:00	# OP start + 10min AR 12470 with HOP 276 from 1300-1545UT
12/19 13:00:00 - 12/19 15:44:54	Track (61.1, 216.6) @ 12/19 10:16:00	# OP start + 10min AR 12470 with HOP 276 from 1300-1545UT
12/19 15:48:00 - 12/19 17:37:54	Track (61.1, 216.6) @ 12/19 10:16:00	# OP start + 10min AR 12470 with HOP 276 from 1300-1545UT
12/19 17:51:00 - 12/19 20:59:54	Fixed (-16.0, -971.0)	# HOP 276 S Pole
12/19 21:03:00 - 12/20 05:55:54	Track (159.7, 217.3) @ 12/19 21:00:00	# AR 12470
12/20 06:09:00 - 12/20 12:59:54	Track (242.0, 217.6) @ 12/20 06:06:00	# AR 12470
12/20 13:03:00 - 12/20 15:40:00	Fixed (-16.0, -971.0)	HOP 276 S-Pole 2nd
12/20 15:48:00 - 12/20 17:49:54	Track (327.2, 217.6) @ 12/20 15:45:00	# AR 12470
12/20 18:03:00 - 12/20 20:59:54	Track (-25.5, -26.2) @ 12/20 18:00:00	# HOP 276 Quiet Sun
12/20 21:03:00 - 12/21 05:24:54	Track (372.4, 217.6) @ 12/20 21:00:00	# AR 12470
12/21 06:11:30 - 12/21 06:24:24	Fixed (936.0, 0.0)	HOP 130, 1 of 15
12/21 06:27:30 - 12/21 06:40:24	Fixed (468.0, 0.0)	HOP 130, 2 of 15
12/21 06:43:30 - 12/21 06:56:24	Fixed (0.0, 0.0)	HOP 130, 3 of 15
12/21 06:59:30 - 12/21 07:45:54	Fixed (-468.0, 0.0)	HOP 130, 4 of 15
12/21 07:49:00 - 12/21 08:01:54	Fixed (-936.0, 0.0)	HOP 130, 5 of 15
12/21 08:05:00 - 12/21 08:11:54	Fixed (815.0, 470.0)	HOP 130, 6 of 15
12/21 08:15:00 - 12/21 08:27:54	Fixed (411.0, 847.0)	HOP 130, 7 of 15
12/21 08:31:00 - 12/21 09:21:54	Fixed (0.0, 941.0)	HOP 130, 8 of 15

12/21 09:25:00 - 12/21 09:37:54	Fixed (-411.0, 847.0)	HOP 130, 9 of 15
12/21 09:41:00 - 12/21 09:47:54	Fixed (-815.0, 470.0)	HOP 130, 10 of 15
12/21 09:51:00 - 12/21 09:57:54	Fixed (815.0, -470.0)	HOP 130, 11 of 15
12/21 10:01:00 - 12/21 10:13:54	Fixed (411.0, -847.0)	HOP 130, 12 of 15
12/21 10:17:00 - 12/21 10:49:24	Fixed (0.0, -941.0)	HOP 130, 13 of 15
12/21 10:52:30 - 12/21 11:05:24	Fixed (-411.0, -847.0)	HOP 130, 14 of 15
12/21 11:08:30 - 12/21 11:15:24	Fixed (-815.0, -471.0)	HOP 130, 15 of 15
12/21 11:18:30 - 12/21 12:56:54	Track (490.0, 216.9) ^{Ⓢ 12/21 11:15:30}	# AR 12470 with HOP 276 from 1300-1545 UT
12/21 13:00:00 - 12/21 15:44:54	Track (490.0, 216.9) ^{Ⓢ 12/21 11:15:30}	# AR 12470 with HOP 276 from 1300-1545 UT
12/21 15:48:00 - 12/21 17:35:00	Track (490.0, 216.9) ^{Ⓢ 12/21 11:15:30}	# AR 12470 with HOP 276 from 1300-1545 UT
12/21 18:13:00 - 12/21 20:49:00	Track (543.7, 216.4) ^{Ⓢ 12/21 18:10:00}	# HOP 276 AR 12470 Sunspot until 21UT
12/21 21:13:30 - 12/22 05:44:24	Track (543.7, 216.4) ^{Ⓢ 12/21 18:10:00}	# HOP 276 AR 12470 Sunspot until 21UT
12/22 05:57:30 - 12/22 09:32:30	Track (629.3, 215.1) ^{Ⓢ 12/22 05:54:30}	# AR 12470

PROG= 07 30-time(s)

Subr= 1 20-time(s) 2.0sec	
Seqn= 11 1-time(s) 2.0sec	
Al-poly/Open	Al-poly/thick-Al close Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec
Seqn=100 1-time(s) 10.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 125ms Obs 1x1 384x384 (1024, 1024) Q=95 2 0 2.0sec
med-Be/Open	Open/thick-Al close Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
Open/thick-Al	Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
Subr= 2 1-time(s) 2.0sec	
Seqn= 10 1-time(s) 2.0sec	
med-Al/Open	med-Al/thick-Al close Safe Norm 500ms 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= 11 1-time(s) 2.0sec	
Al-poly/Open	Al-poly/thick-Al close Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec
Seqn= 84 1-time(s) 2.0sec	
Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 3ms 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
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

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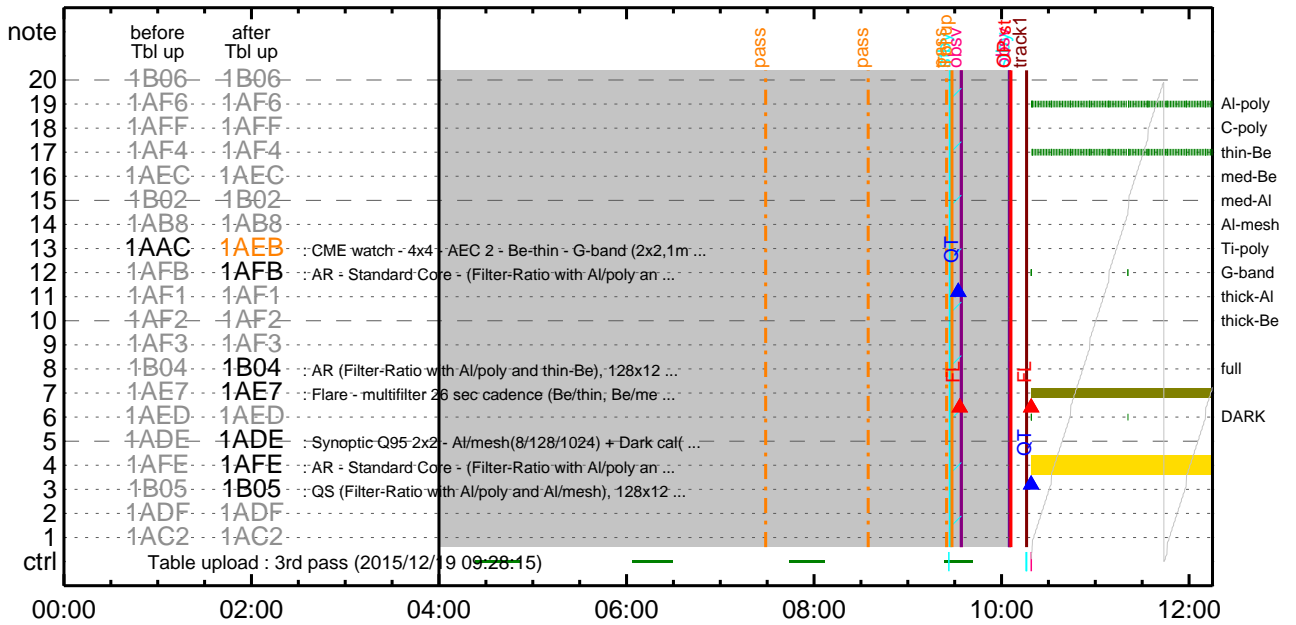
Flare Detection

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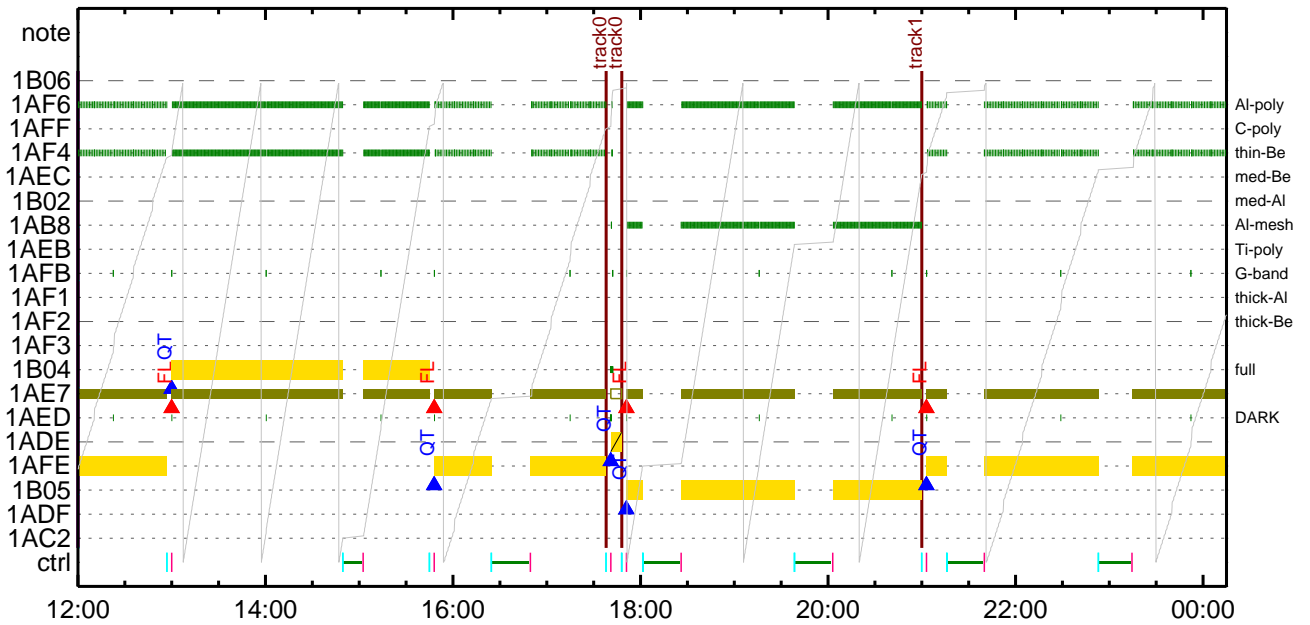
FLD Patrol

Term	Pointing (x, y)	Comment
12/19 17:48:18 - 12/20 05:56:18	Fixed (-16.0, -971.0)	# HOP 276 S Pole
12/20 06:06:18 - 12/20 17:50:18	Track (242.0, 217.6) ^{Ⓢ 12/20 06:06:00}	# AR 12470
12/20 18:00:18 - 12/21 05:25:18	Track (-25.5, -26.2) ^{Ⓢ 12/20 18:00:00}	# HOP 276 Quiet Sun
12/21 06:08:48 - 12/21 18:00:18	Fixed (936.0, 0.0)	HOP 130, 1 of 15
12/21 18:10:18 - 12/22 05:44:48	Track (543.7, 216.4) ^{Ⓢ 12/21 18:10:00}	# HOP 276 AR 12470 Sunspot until 21UT
12/22 05:54:48 - 12/29 10:50:00	Track (629.3, 215.1) ^{Ⓢ 12/22 05:54:30}	# AR 12470
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	

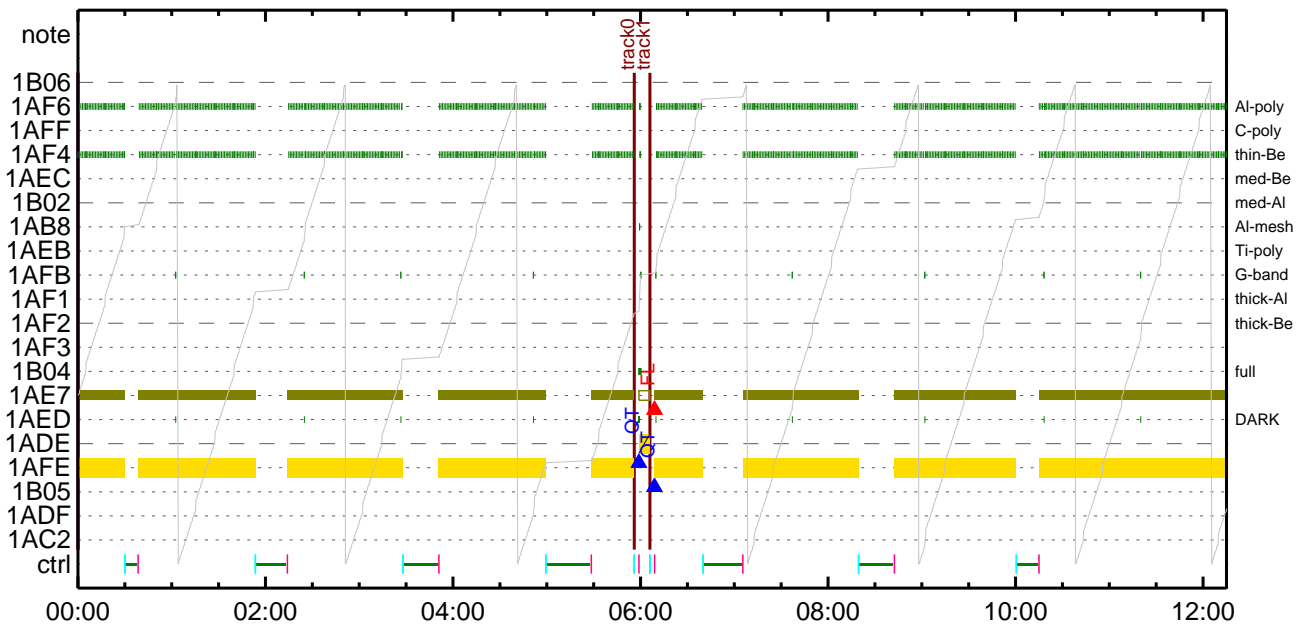
CMDI #0598 2015/12/19



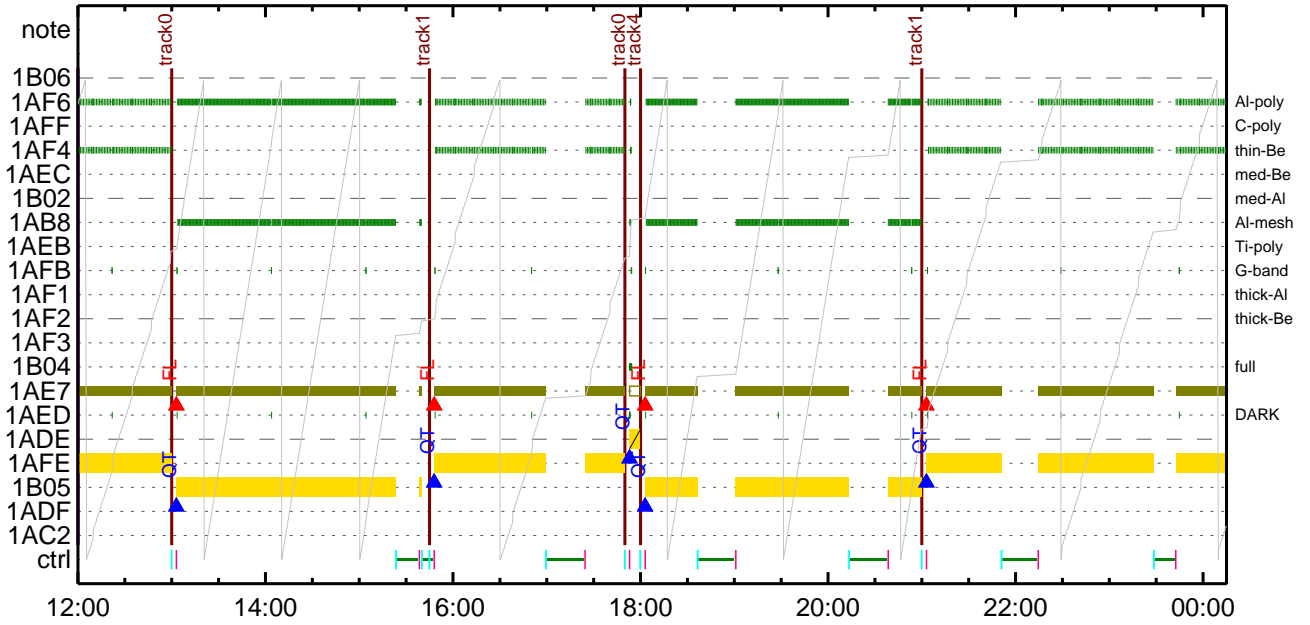
CMDI #0598 2015/12/19



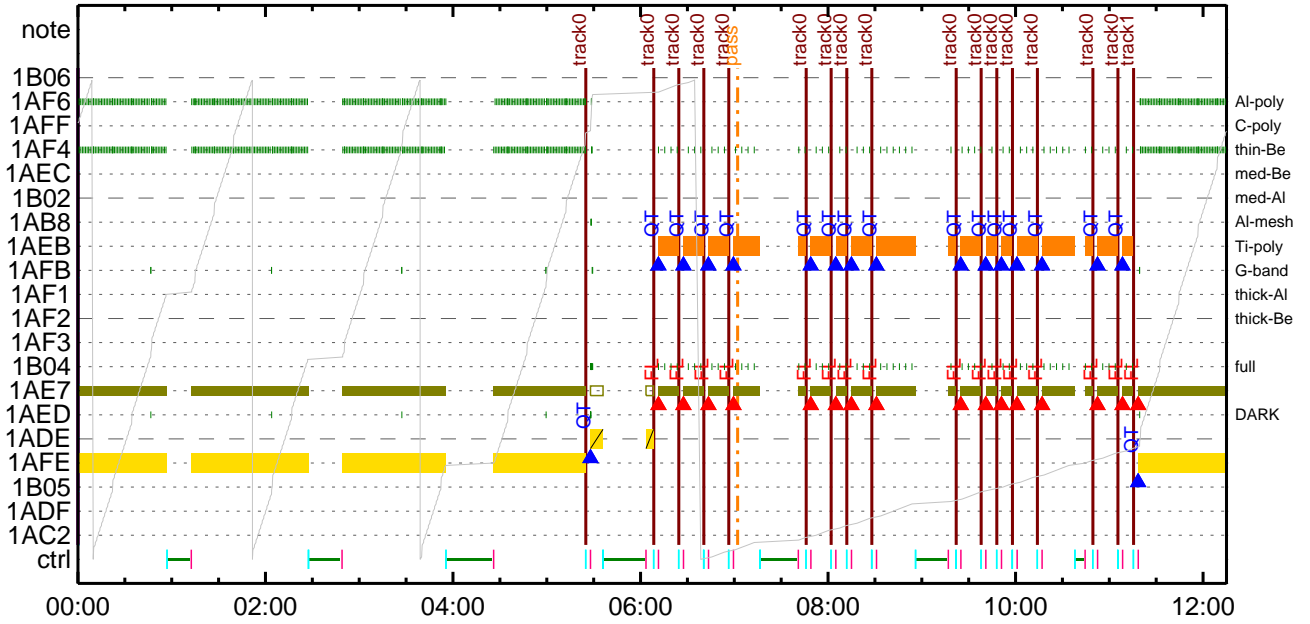
CMDI #0598 2015/12/20



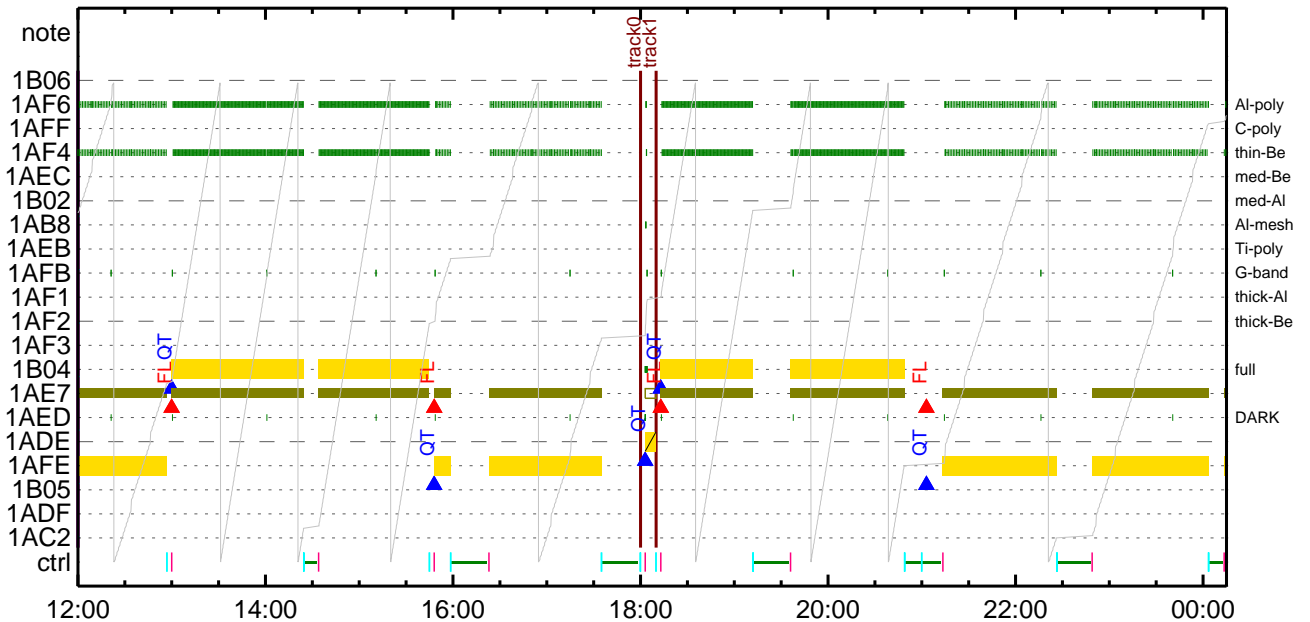
CMDI #0598 2015/12/20



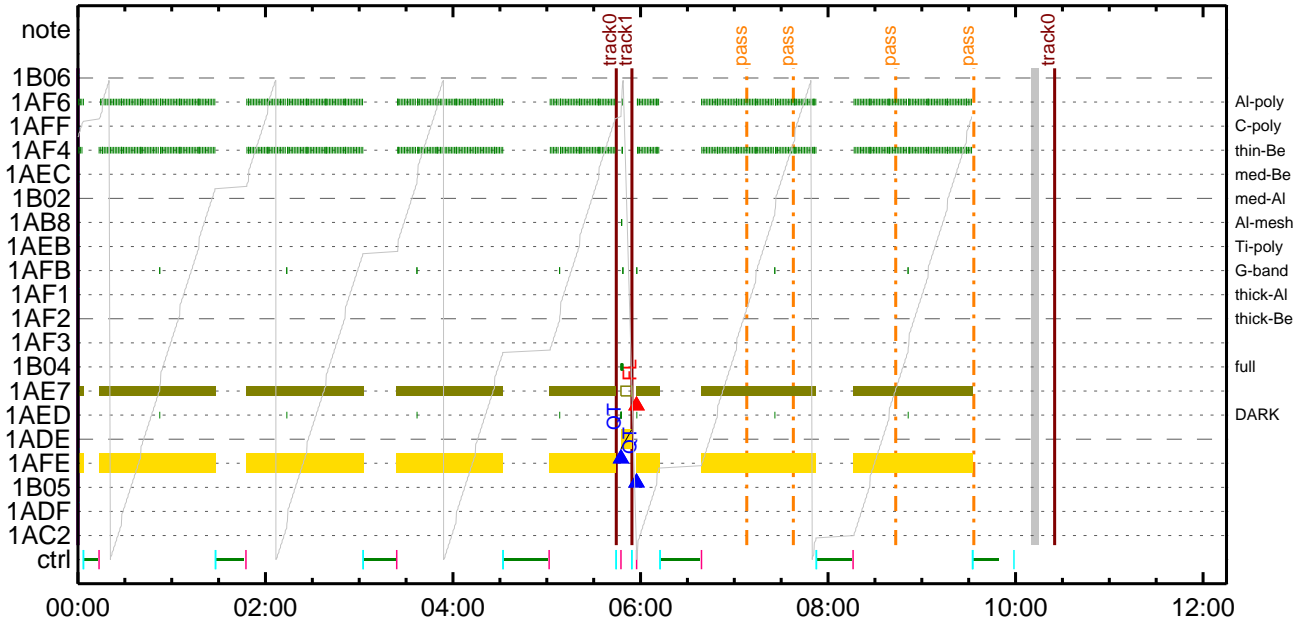
CMDI #0598 2015/12/21



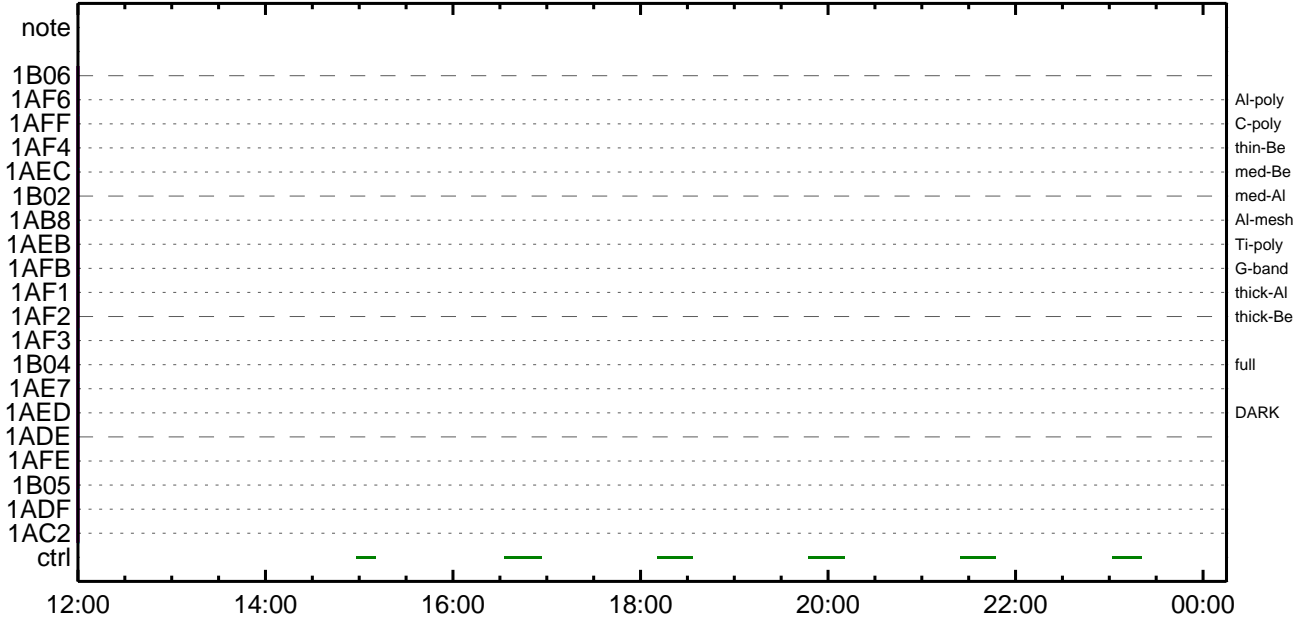
CMDI #0598 2015/12/21



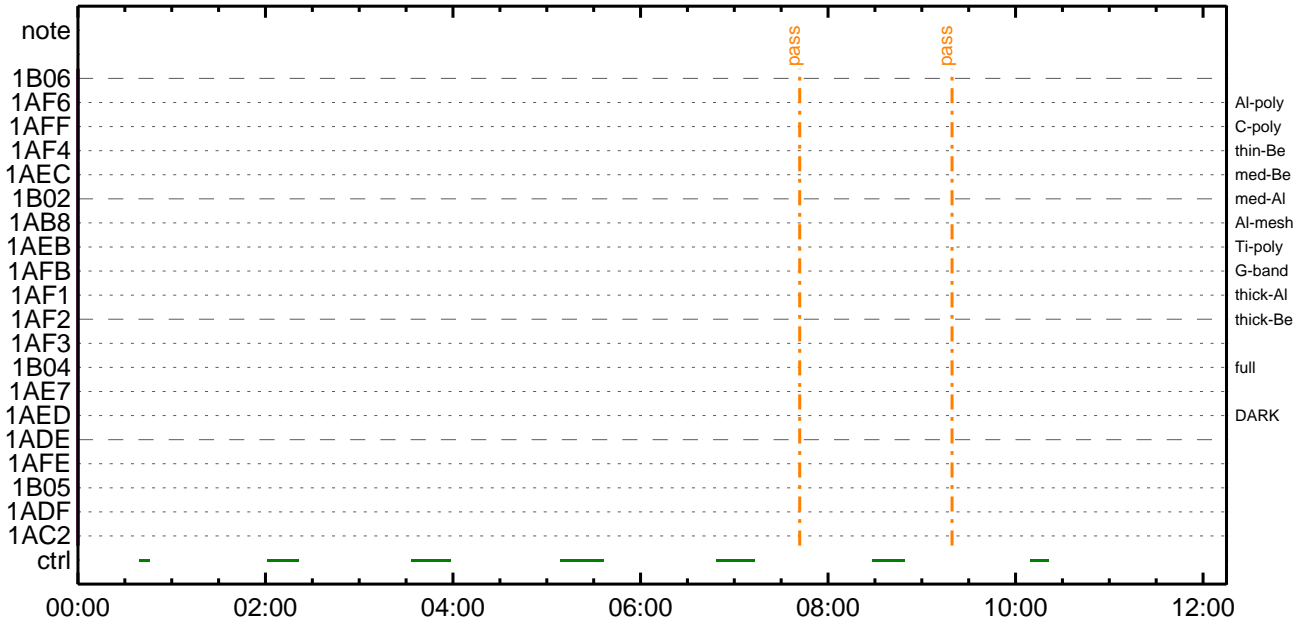
CMDI #0598 2015/12/22



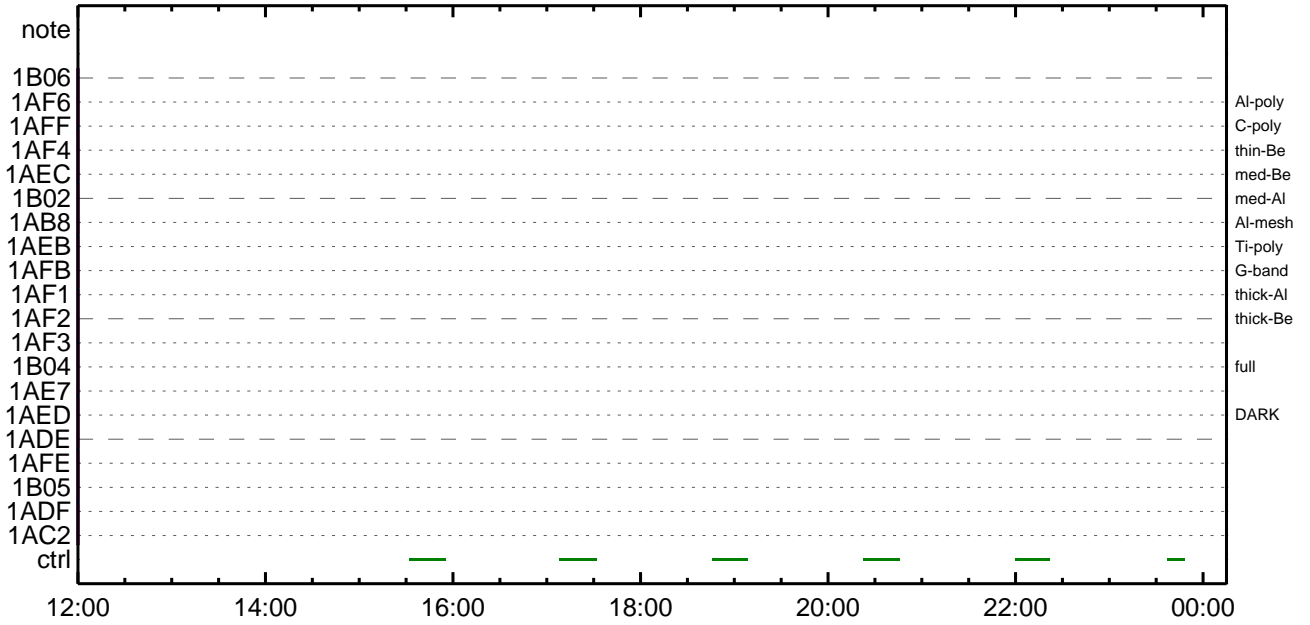
CMDI #0598 2015/12/22



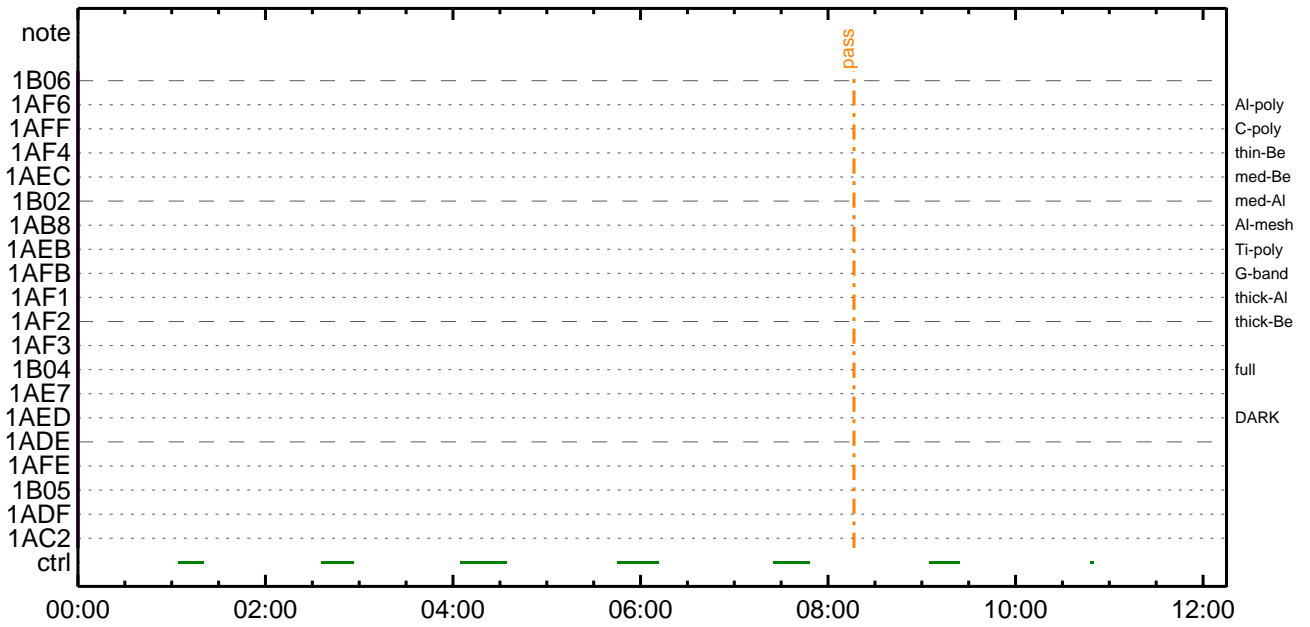
CMDI #0598 2015/12/23



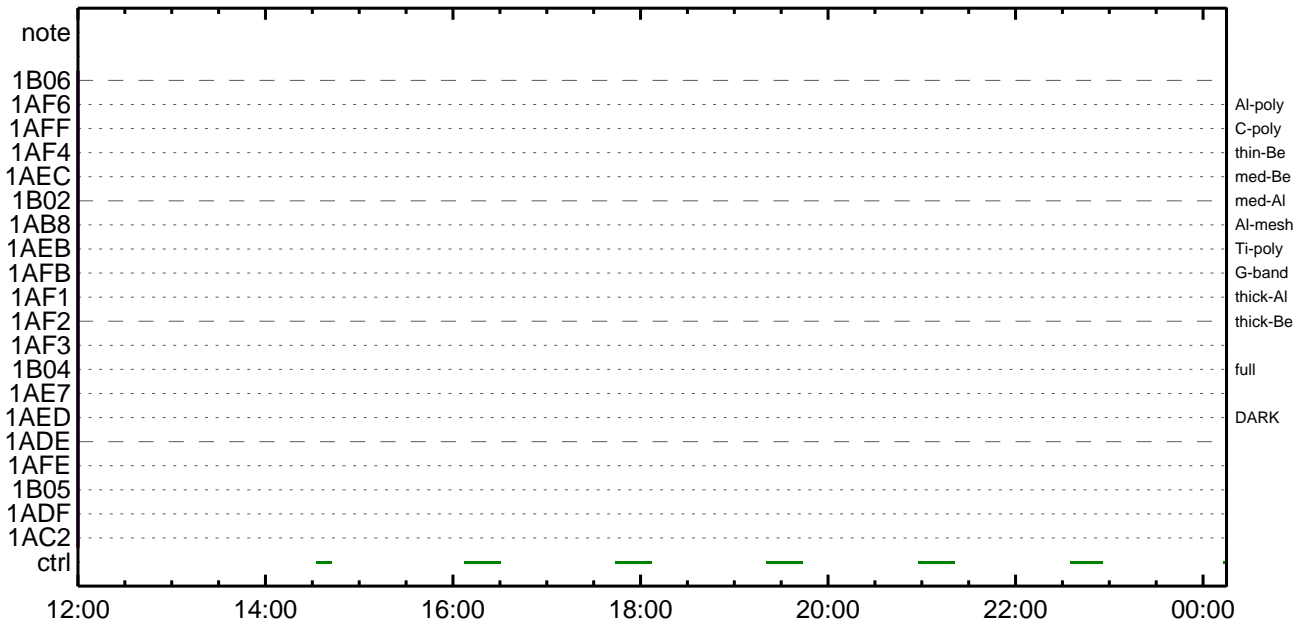
CMDI #0598 2015/12/23



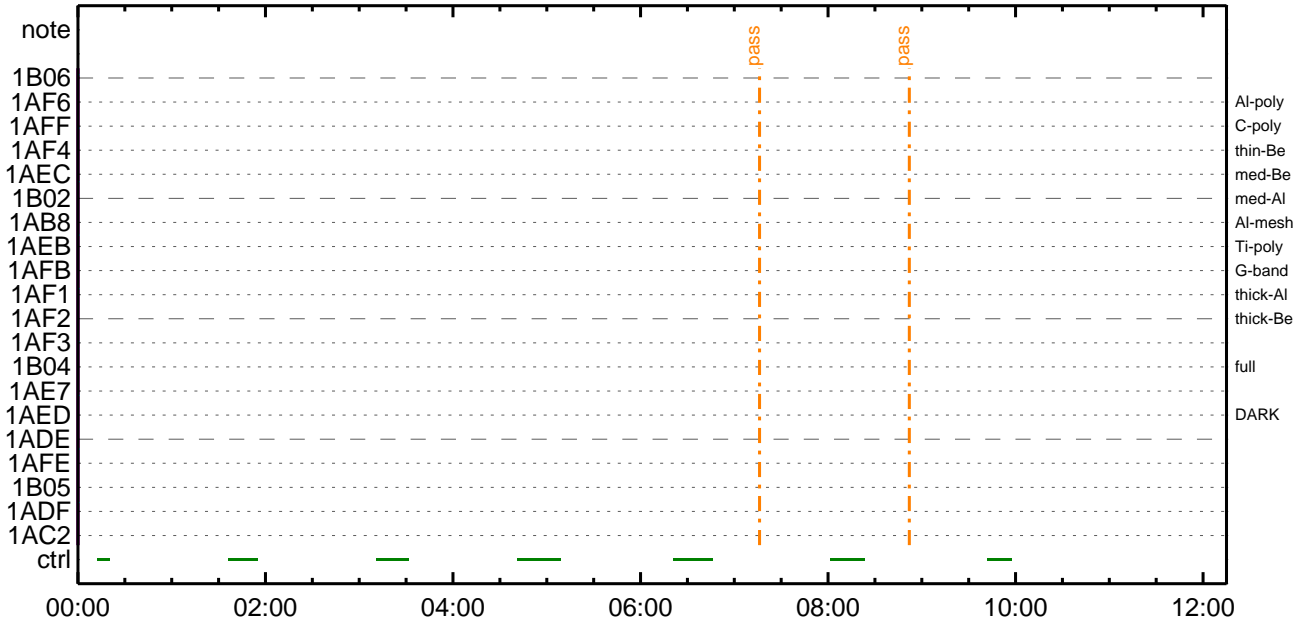
CMDI #0598 2015/12/24



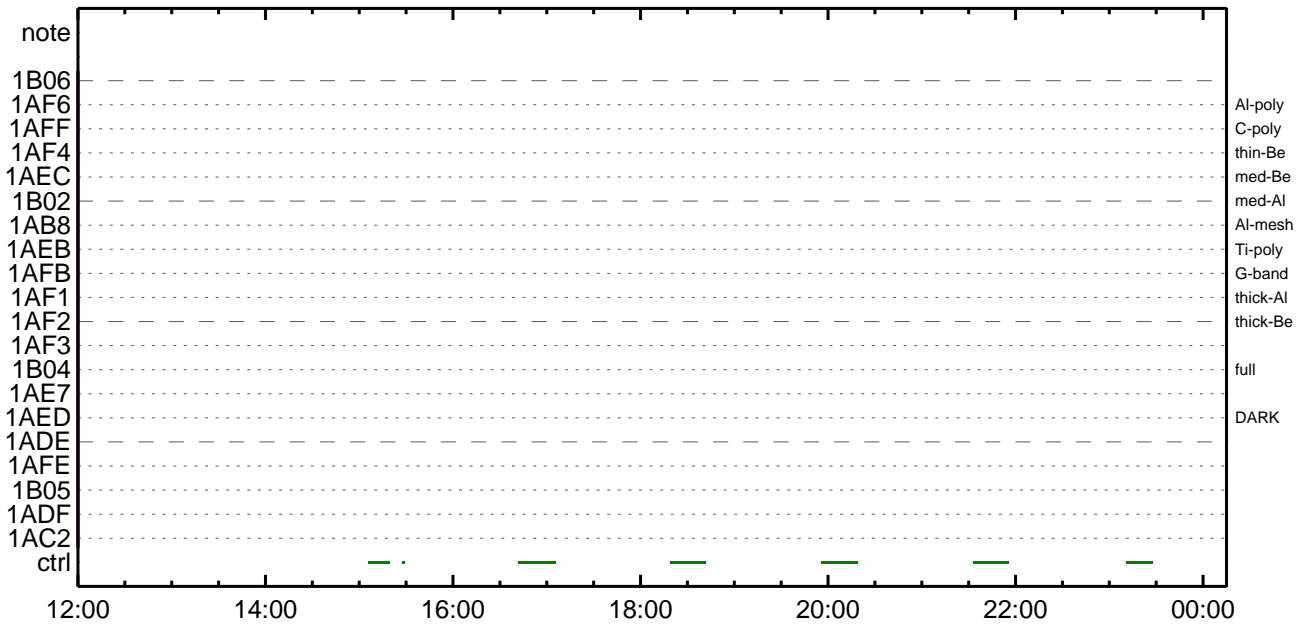
CMDI #0598 2015/12/24



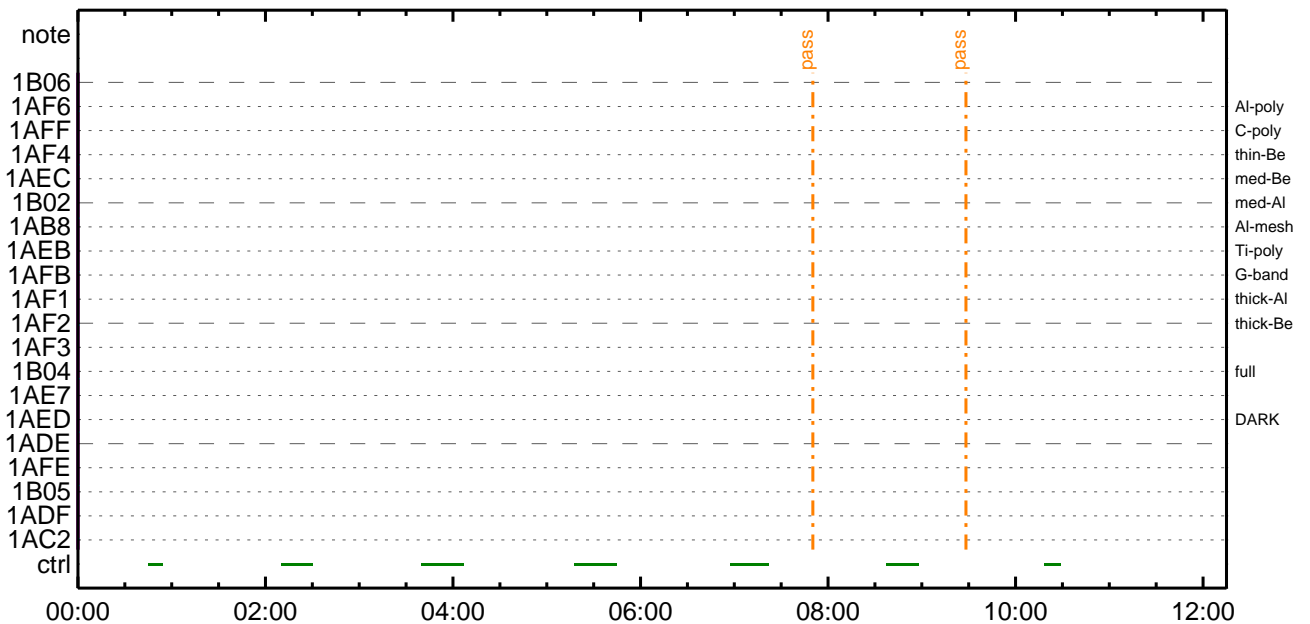
CMDI #0598 2015/12/25



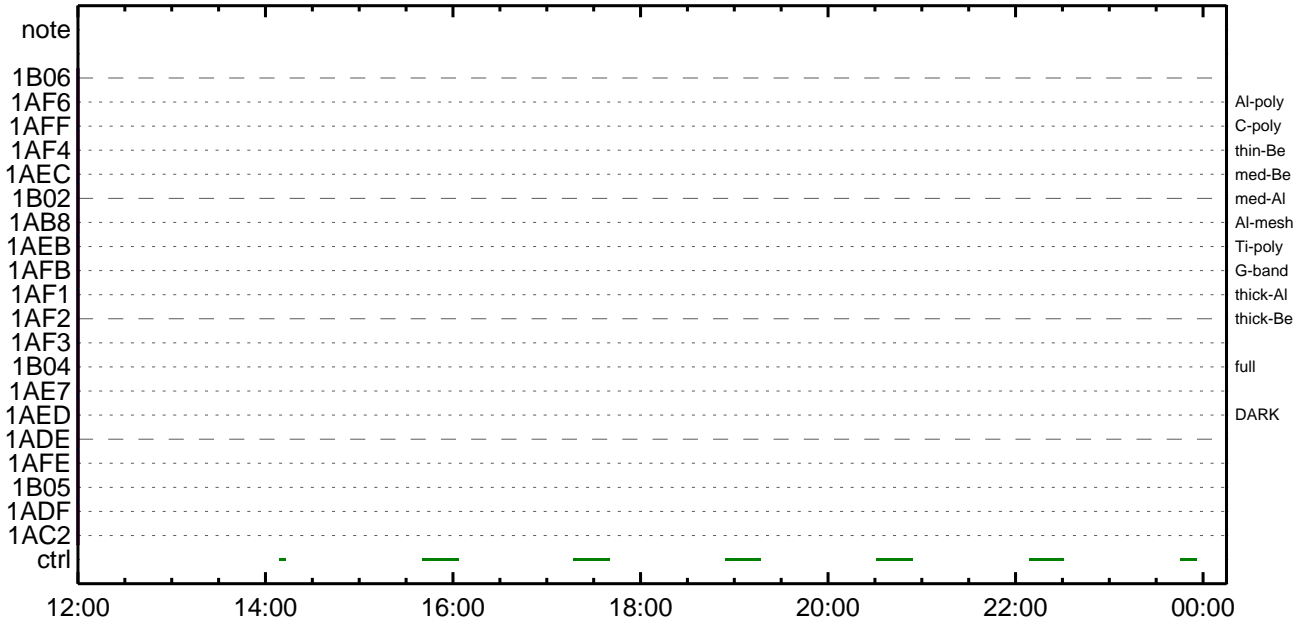
CMDI #0598 2015/12/25



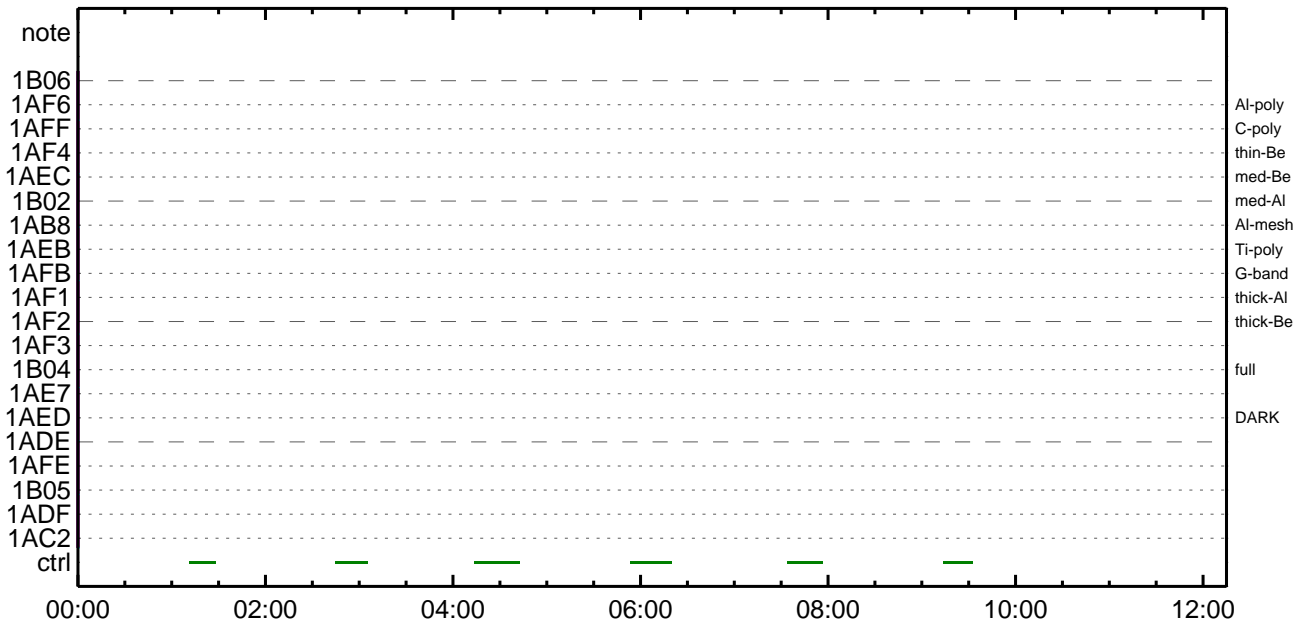
CMDI #0598 2015/12/26



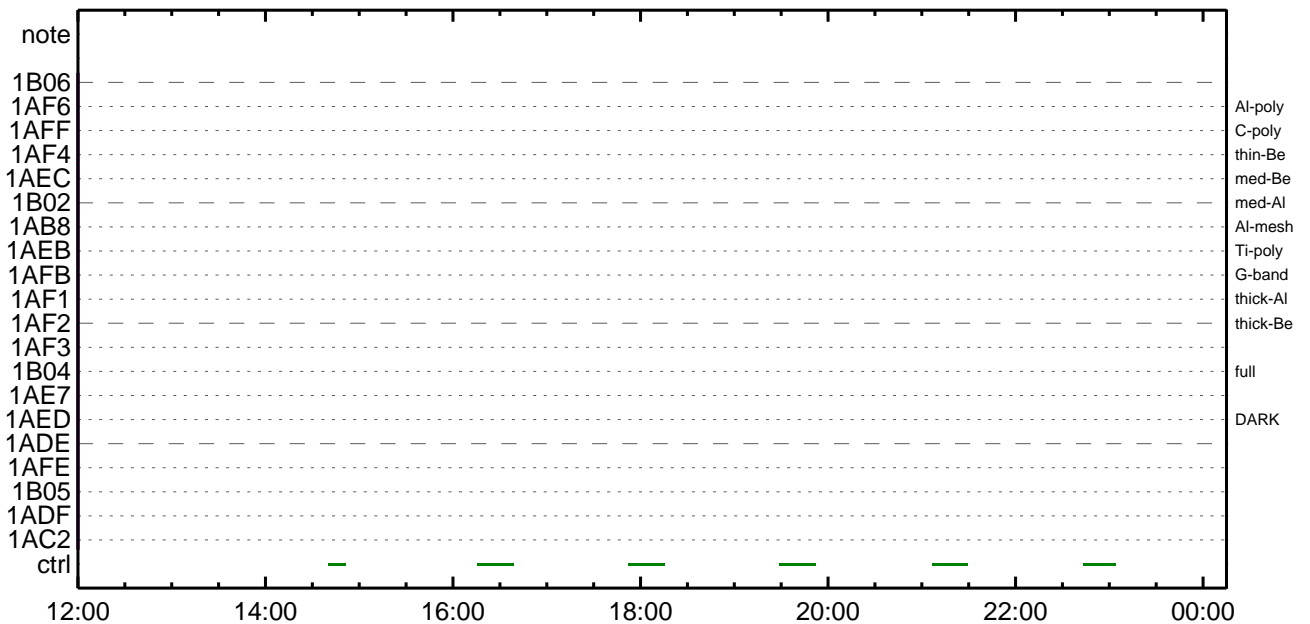
CMDI #0598 2015/12/26



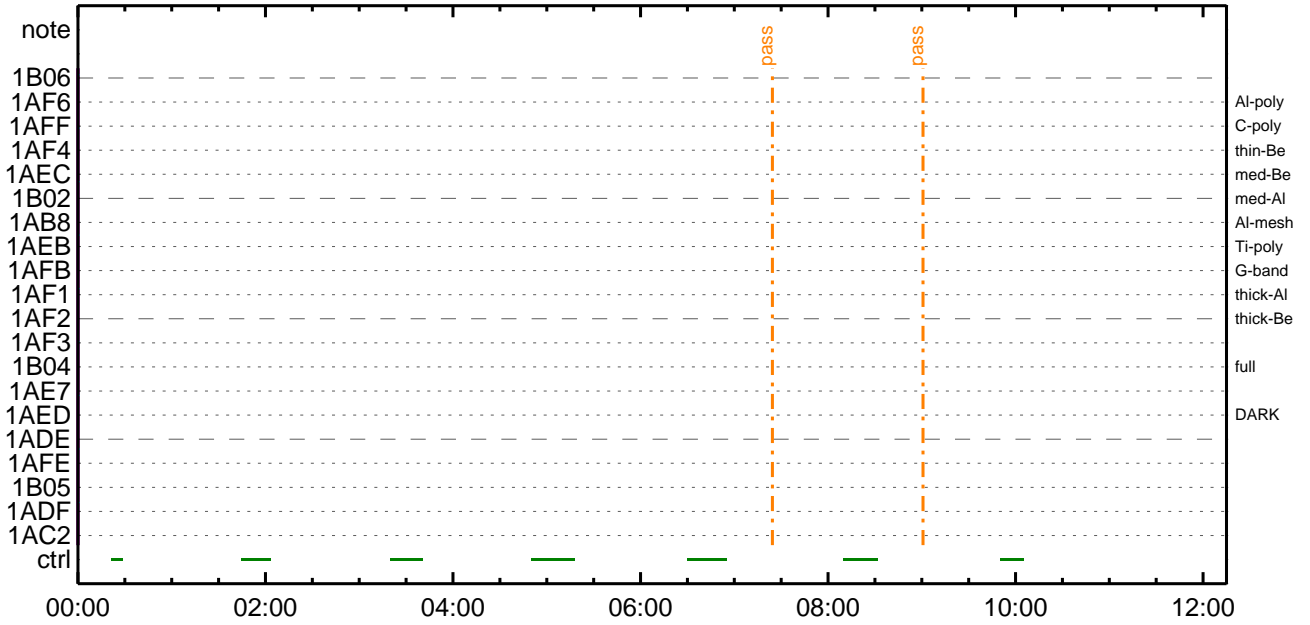
CMDI #0598 2015/12/27



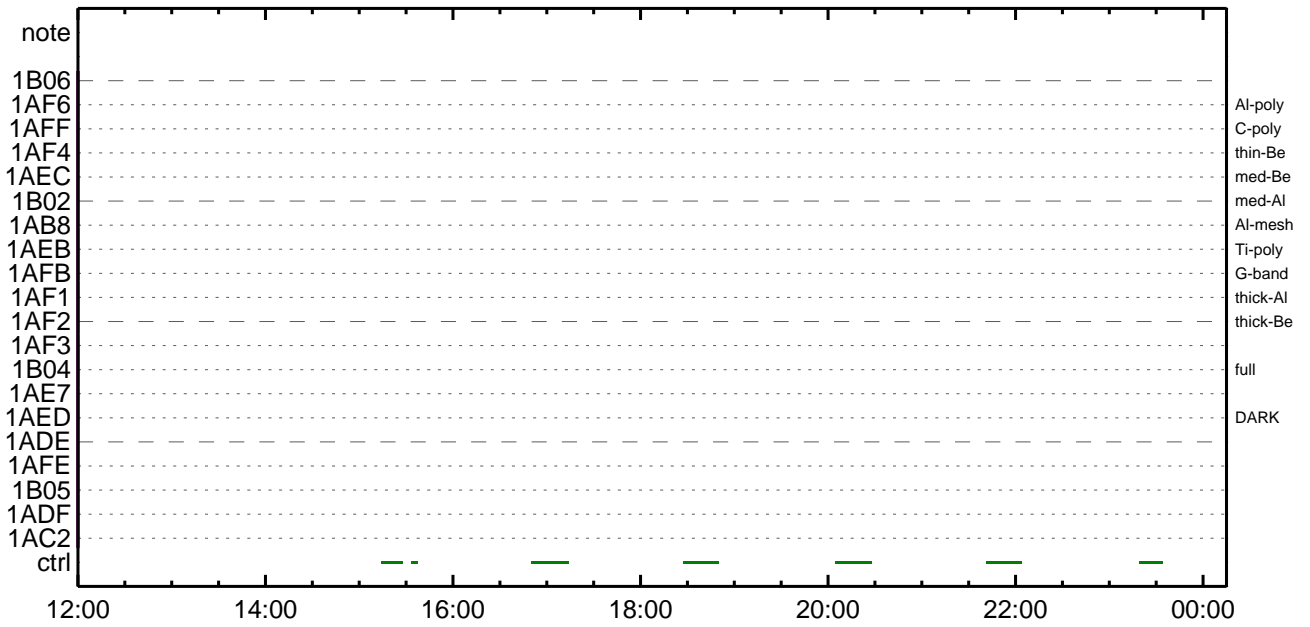
CMDI #0598 2015/12/27



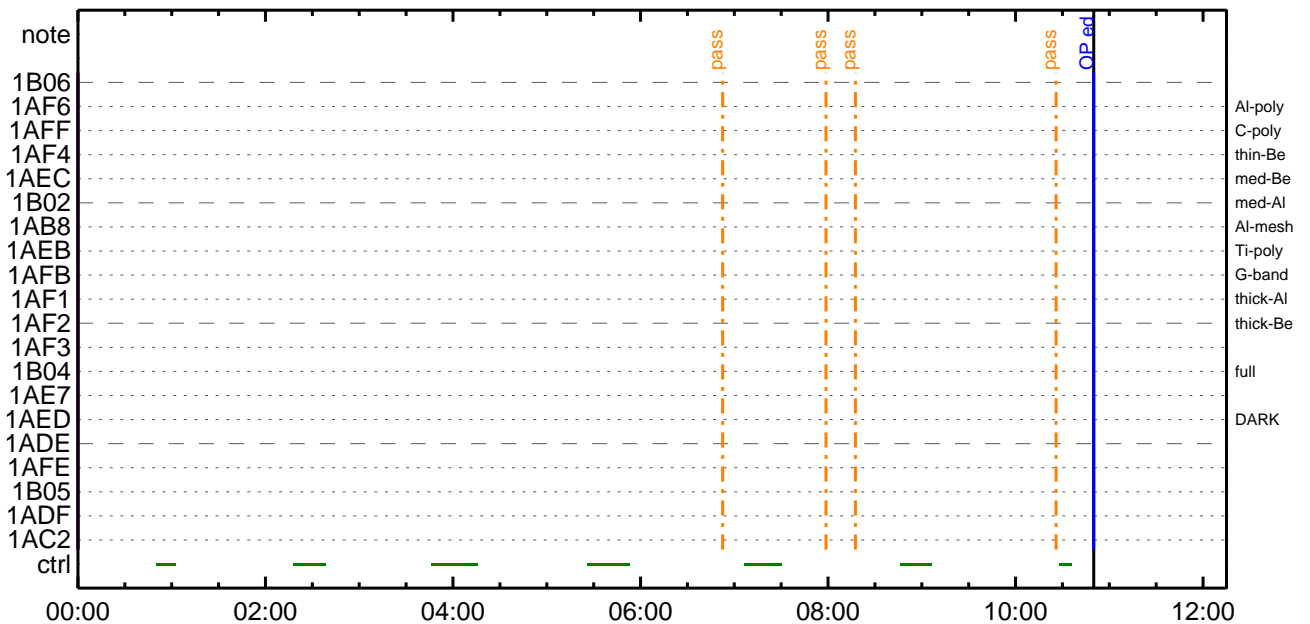
CMDI #0598 2015/12/28



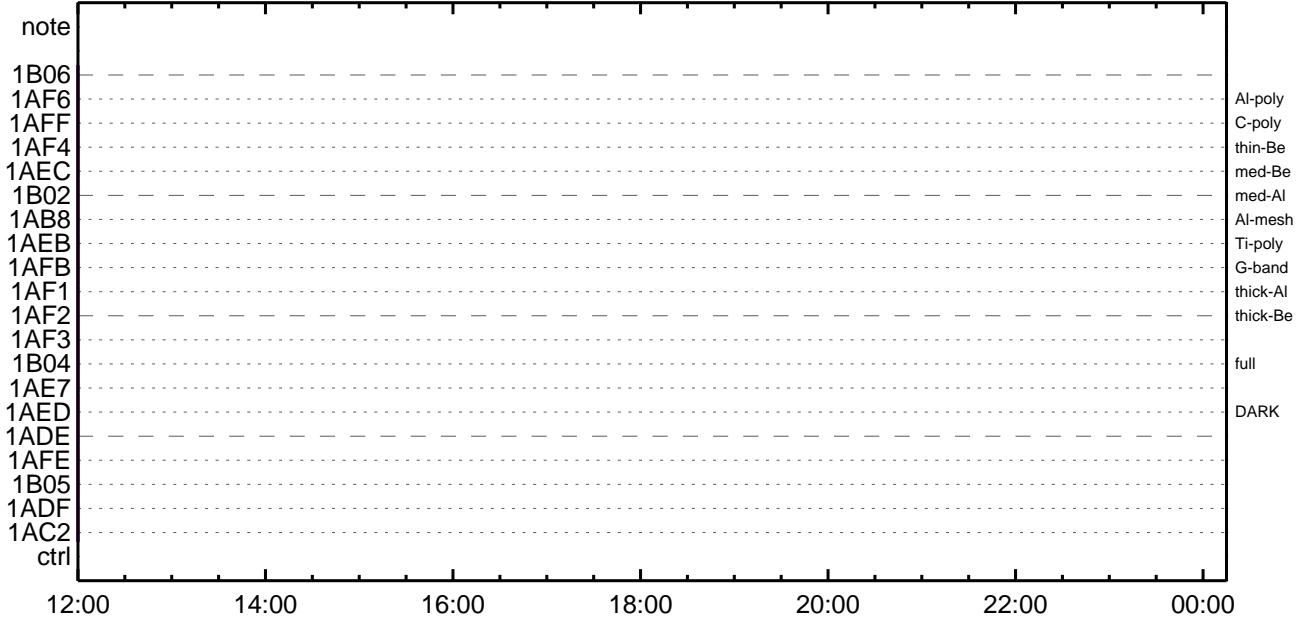
CMDI #0598 2015/12/28



CMDI #0598 2015/12/29



CMDI #0598 2015/12/29




```

0096 C.          SET EDUMP I±°iYNY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 . C. TI³YF¥ÖEðdÄDİ¿ (UT)
0099 +. TI 2015-12-19 10:01:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0102 C.
0103 +. TI 2015-12-19 10:01:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0106 C.
0107 +. TI 2015-12-19 10:01:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0110 C.
0111 +. TI 2015-12-19 10:05:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îİÑaİYÁY§YÁY-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. TIİî°èYÁÖY×
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. YÁÖY×¼ª¹İ»að³İÇ§
0142 C.          çç[HK1_DMP_CHK_FLG]         EQ          NON
0143 C.
0144 . C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKað³İÇ§
0145 C.
0146 . C. DHU¥â;¼¥É;È¼Y¼,¥î;¼¥È;Èaðİáa¹
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 2015-12-19 10:05:16.0
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.
0166 C. ***** XRT START *****
0167 C. Execute, after the success of OP upload.
0168 +. TI 2015-12-19 10:05:00.0
0169 DC 07-F0 MDP_XRT_MODE_STBY
0170 BC          (c3)
0171 . C.          [ ] [HK1_TI_CMD_NUM]          EQ          1COUNTUP
0172 C.
0173 C. ***** XRT END *****
0174 . C. Stop EIS observation and temporarily disable EIS mode changes
0175 C.
0176 C.
0177 C. ***** Start EIS operation (TI set) *****
0178 C. Execute, after the success of OP upload.
0179 C. Set EIS TI-commands
0180 +. TI 2015-12-19 10:05:30.0
0181 DC 07-FC EIS_MODE_MANU
0182 BC          (21 02)
0183 +. TI 2015-12-19 10:05:40.0
0184 DC 07-FC EIS_MODE_CHG_DIS
0185 BC          (22)
0186 . C.          [ ] [HK1_TI_CMD_NUM]          EQ          2 COUNTUP
0187 C. ***** End EIS operation (TI set) *****
0188 C.
0189 C.
0190 C.
0191 . C. ***** MDP `ÜÄîaİ»ö¼YòÈÄð¹aèDCBC•x²è *****
0192 C. (%â°iYÖYÁYÈY¥YÁYçYèaÈ¼¼a¼A»Üa¹aé)
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;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```



```
0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 55s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ( )
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2015-12-19 10:05:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 C.
0155 . C. ***** MDP '0ÃiðI'»ö¼YðEÄðá¹eDCBC•x²è *****
0156 C. (¼á°i¥Ö¥Ä¥E¥P¥E¥ä¥ç¥è¤E¼¤¤¤¤Å»Û¹¤è)
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** ¥D¥¹•Ï Daily±¿ÎÑ¤É'Ø¤¹¤èDCBC•x²è *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ;ãLOS¥Ä¥S¥Ä¥Ë-¼Å»Û;ã
0167 C.
0168 . C. ***** LOS *****
0169 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-563 2015-12-19 12:06:16 143 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;Èç¿Àß•µ°È»Í×ÁÇçÍYçYÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈÈ¼°ÇÔç•ç¿¼í¹ççÍ;çÀ®, ùç¹çÈçßçÇÁ+¿®ç•çÈççç³çÈ;ç
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-268: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. < Resume FG table (auto mode) >
0036 +. DC 07-F0 MDP_FG_CTRL_AUTO
0037 BC (50)
0038 . C. -----
0039 C. MDP_FG_CTRL_MODE = AUTO [ ]
0040 C. -----
0041 C.
0042 C. *****
0043 C. SOT TI command set
0044 C. *****
0045 C. Execute, after the success of TBL upload.
0046 +. TI 2015-12-19 10:05:18.0
0047 DC 07-F0 MDP_SOT_MODE_OBSV
0048 BC (40)
0049 . C. -----
0050 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0051 C. -----
0052 C.
0053 C. Only when FG_CTRL_AUTO is used in RT.
0054 +. TI 2015-12-19 10:05:20.0
0055 DC 07-F0 MDP_FG_CTRL_AUTO
0056 BC (50)
0057 . C. -----
0058 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0059 C. -----
0060 C. ***** SOT END *****
0061 C.
0062 C. ***** XRT START *****
0063 C.
0064 +. DC 07-F0 MDP_XRT_CTRL_MANU
0065 BC (c1)
0066 + DC 07-F0 MDP_XRT_MODE_STBY
0067 BC (c3)
0068 . C. ----- Success Verify ? OK / NG_____
0069 C.
0070 C. XRT Obs. Table Upload
0071 . S. RAM ram-291:MDP_OBS_X
0072 ( )
0073 C.
0074 +. DC 07-F0 MDP_DUMP_XRTTBL
0075 BC (84 07 00 00 00 3a d4)
0076 . C. ----- Comparison Check ? OK / ERR _____
0077 C.
0078 C.
0079 +. DC 07-F0 MDP_XRT_ROI_SET
0080 BC (cd 01 b1 b1 04 04)
0081 + DC 07-F0 MDP_XRT_ROI_SET
0082 BC (cd 02 b1 b1 08 08)
0083 + DC 07-F0 MDP_XRT_ROI_SET
0084 BC (cd 03 b1 b1 08 08)
0085 + DC 07-F0 MDP_XRT_ROI_SET
0086 BC (cd 04 b1 b1 06 06)
0087 + DC 07-F0 MDP_XRT_ROI_SET
0088 BC (cd 06 85 83 06 06)
0089 + DC 07-F0 MDP_XRT_ROI_SET
0090 BC (cd 07 85 83 02 02)
0091 + DC 07-F0 MDP_XRT_ROI_SET
0092 BC (cd 08 80 80 20 20)
0093 + DC 07-F0 MDP_XRT_ROI_SET
0094 BC (cd 09 80 80 20 08)
0095 + DC 07-F0 MDP_XRT_ROI_SET
```

```
0096 BC (cd 0a 80 80 08 20)
0097 + DC 07-F0 MDP_XRT_ROI_SET
0098 BC (cd 0f 80 80 06 06)
0099 + DC 07-F0 MDP_XRT_ROI_SET
0100 BC (cd 10 80 80 08 08)
0101 + DC 07-F0 MDP_XRT_FLD_ENA
0102 BC (d8)
0103 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0104 BC (c8)
0105 + DC 07-F0 MDP_XRT_AEC_RESET
0106 BC (d0)
0107 + DC 07-F0 MDP_XRT_ARS_DIS
0108 BC (d5)
0109 + DC 07-F0 MDP_XRT_FLD_RESET
0110 BC (da)
0111 + DC 07-F0 MDP_XRT_QT_PROG_SET
0112 BC (c4 0c)
0113 + DC 07-F0 MDP_XRT_FL_PROG_SET
0114 BC (c5 07)
0115 . C. ----- Success Verify ? OK / NG ____
0116 C.
0117 C.
0118 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0119 C.
0120 + DC 07-F0 MDP_XRT_MODE_OBSV
0121 BC (c2)
0122 + TI 2015-12-19 10:05:02.0
0123 DC 07-F0 MDP_XRT_MODE_OBSV
0124 BC (c2)
0125 . C. ----- Success Verify ? OK / NG ____
0126 C.
0127 C. ***** XRT END *****
0128 C.
0129 . C. ***** MDP `úÃîñî»ö%ÝñÊÃÐñ¹ñèDCBC•x²è *****
0130 C. (%Á°îÝÓÝÃÝÈÝÞÝËÝáÝçÝèñÊ%¼ñ¼Ã»Ûñ¹ñè)
0131 . S. DC-BC dcbc-402:DCBC
0132 (MDP_known_event)
0133 C.
0134 C.
0135 . C. ***** ¥ÐÝ¹•Ï Daily±¿îññÊ´Øñ¹ñèDCBC•x²è *****
0136 . S. DC-BC dcbc-153:DCBC
0137 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0138 C.
0139 C.
0140 . C. ;ãLOS¥Á¥$¥Ã¥´¼Ã»Û;ã
0141 C.
0142 . C. ***** LOS *****
0143 C.
```

*** OP Sequence for XRT ***

2015/12/19	10:15:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	10:15:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	10:15:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2015/12/19	10:16:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	01 00 00 00 00		
2015/12/19	10:16:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/12/19	10:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/12/19	10:16:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/12/19	10:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/12/19	10:16:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/19	10:18:56.0	XRT_QT_PROG_SET_431_OG [0x1af]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2015/12/19	10:18:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2015/12/19	10:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/19	12:56:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	12:56:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	12:56:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2015/12/19	12:57:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/12/19	12:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/12/19	12:57:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/12/19	12:57:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/12/19	12:57:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/19	12:59:56.0	XRT_QT_PROG_SET_446_OG [0x1be]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2015/12/19	12:59:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2015/12/19	13:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/19	14:49:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	14:49:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	14:49:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/19	14:49:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/12/19	14:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/12/19	15:01:30.0	XRT_Custom_430_OG [0x1ae]					
2015/12/19	15:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/19	15:44:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	15:44:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	15:44:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2015/12/19	15:45:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/12/19	15:45:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/12/19	15:45:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/12/19	15:45:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/12/19	15:45:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/19	15:47:56.0	XRT_QT_PROG_SET_431_OG [0x1af]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2015/12/19	15:47:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2015/12/19	15:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/19	16:24:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	16:24:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/19	16:24:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/19	16:24:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/12/19	16:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		

2015/12/19	16:48:30.0	XRT_Custom_430_OG [0x1ae]			
2015/12/19	16:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/19	17:37:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	17:37:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	17:37:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/12/19	17:38:00.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2015/12/19	17:38:18.0	XRT_FLD_DIS_406_OG [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2015/12/19	17:40:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/12/19	17:40:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/19	17:40:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2015/12/19	17:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/19	17:47:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	17:47:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	17:47:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/19	17:48:00.0	AOCS_Ore-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 56 4d 01 68
2015/12/19	17:48:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/19	17:48:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/19	17:48:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/19	17:48:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/19	17:48:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/19	17:50:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2015/12/19	17:50:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2015/12/19	17:51:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/19	18:01:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	18:01:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	18:01:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/19	18:01:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/19	18:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/19	18:25:00.0	XRT_Custom_430_OG [0x1ae]			
2015/12/19	18:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/19	19:38:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	19:38:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	19:38:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/19	19:38:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/19	19:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/19	20:02:00.0	XRT_Custom_430_OG [0x1ae]			
2015/12/19	20:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/19	20:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	20:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	20:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/19	21:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	01 00 00 00 00
2015/12/19	21:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/19	21:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/19	21:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/19	21:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/19	21:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/19	21:02:56.0	XRT_QT_PROG_SET_431_OG [0x1af]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2015/12/19	21:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07

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2015/12/19	21:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/19	21:16:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	21:16:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	21:16:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/19	21:16:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/19	21:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/19	21:39:00.0	XRT_Custom_430_OG [0x1ae]			
2015/12/19	21:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/19	22:53:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	22:53:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/19	22:53:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/19	22:53:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/19	22:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/19	23:13:30.0	XRT_Custom_430_OG [0x1ae]			
2015/12/19	23:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/20	00:30:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	00:30:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	00:30:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/20	00:30:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/20	00:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/20	00:37:30.0	XRT_Custom_430_OG [0x1ae]			
2015/12/20	00:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/20	01:53:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	01:53:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	01:53:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/20	01:53:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/20	01:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/20	02:13:00.0	XRT_Custom_430_OG [0x1ae]			
2015/12/20	02:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/20	03:28:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	03:28:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	03:28:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/20	03:28:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/20	03:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/20	03:50:00.5	XRT_Custom_430_OG [0x1ae]			
2015/12/20	03:51:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/20	04:59:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	04:59:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	04:59:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/20	04:59:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/20	05:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/20	05:27:30.0	XRT_Custom_430_OG [0x1ae]			
2015/12/20	05:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/20	05:55:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	05:55:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/20	05:55:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/12/20	05:56:00.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2015/12/20	05:56:18.0	XRT_FLD_DIS_406_OG [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2015/12/20	05:58:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/12/20	05:58:56.0	XRT_ARS_DIS_423_OG [0x1a7]			

2015/12/20	05:58:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/12/20	05:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2015/12/20	06:05:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/12/20	06:05:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	06:05:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	06:06:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2015/12/20	06:06:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	00 00 00 00
2015/12/20	06:06:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/12/20	06:06:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/12/20	06:06:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/12/20	06:06:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/12/20	06:08:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/12/20	06:08:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2015/12/20	06:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2015/12/20	06:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/12/20	06:40:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	06:40:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	06:40:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/12/20	06:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/12/20	07:04:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/12/20	07:05:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2015/12/20	08:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2015/12/20	08:19:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/12/20	08:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	08:19:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	08:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/12/20	08:41:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/12/20	08:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/12/20	10:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2015/12/20	10:00:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/12/20	10:00:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	10:00:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	10:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/12/20	10:14:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/12/20	10:15:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/12/20	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2015/12/20	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/12/20	12:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	13:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/12/20	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2015/12/20	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	00	56 4d 01 68
2015/12/20	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/12/20	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/12/20	13:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/12/20	13:02:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/12/20	13:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/12/20	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2015/12/20	15:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07

2015/12/20	15:23:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	15:23:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	15:23:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/20	15:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/12/20	15:37:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/12/20	15:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2015/12/20	15:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2015/12/20	15:40:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/20	15:40:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	15:40:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	15:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/20	15:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/12/20	15:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/12/20	15:44:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_CTRL_MANU_402_OG [0x192]					
2015/12/20	15:45:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2015/12/20	15:45:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCS_ORe-point_Start_1_OG [0x097]					
2015/12/20	15:45:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	01 00 00 00 00		
2015/12/20	15:45:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/12/20	15:45:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/12/20	15:45:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/12/20	15:47:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/12/20	15:47:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/20	15:47:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	XRT_Custom_430_OG [0x1ae]					
2015/12/20	15:48:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_QT_PROG_SET_431_OG [0x1af]					
2015/12/20	16:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c4 04		
2015/12/20	16:59:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	2	07-F0	c5 07		
2015/12/20	16:59:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2015/12/20	16:59:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_CTRL_MANU	1	07-F0	c0		
2015/12/20	17:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	17:23:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	17:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/20	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/12/20	17:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/12/20	17:49:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_Custom_430_OG [0x1ae]					
2015/12/20	17:50:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2015/12/20	17:50:18.0	XRT_FLD_DIS_406_OG [0x196]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2015/12/20	17:52:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/20	17:52:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	17:52:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	17:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/12/20	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2015/12/20	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/20	17:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	18:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/20	18:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION_410_OG [0x19a]					
2015/12/20	18:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCS_ORe-point_Start_4_OG [0x09a]					
2015/12/20	18:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	AOCU_NM	5	02-76	04 00 00 00 00		
2015/12/20	18:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLD_ENA	1	07-F0	d8		
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
			MDP_XRT_AEC_RESET	1	07-F0	d0		

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2015/12/20	18:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/20	18:02:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2015/12/20	18:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2015/12/20	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/20	18:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	18:36:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	18:36:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/20	18:36:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/12/20	18:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/20	19:00:00.0	XRT_Custom_430_OG [0x1ae]								
2015/12/20	19:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/20	20:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	20:13:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	20:13:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/20	20:13:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/12/20	20:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/20	20:37:30.0	XRT_Custom_430_OG [0x1ae]								
2015/12/20	20:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/20	20:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	20:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	20:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2015/12/20	21:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00	00	00	00
2015/12/20	21:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/12/20	21:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/12/20	21:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/12/20	21:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/12/20	21:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/20	21:02:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2015/12/20	21:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2015/12/20	21:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/20	21:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	21:51:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	21:51:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/20	21:51:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/12/20	21:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/20	22:13:30.0	XRT_Custom_430_OG [0x1ae]								
2015/12/20	22:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/20	23:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	23:28:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/20	23:28:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/20	23:28:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/12/20	23:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/20	23:41:30.0	XRT_Custom_430_OG [0x1ae]								
2015/12/20	23:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	00:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	00:57:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	00:57:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	00:57:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				

2015/12/21	01:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/21	01:11:30.0	XRT_Custom_430_OG [0x1ae]							
2015/12/21	01:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	02:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	02:27:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	02:27:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	02:27:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/12/21	02:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/21	02:48:00.0	XRT_Custom_430_OG [0x1ae]							
2015/12/21	02:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	03:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	03:55:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	03:55:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	03:55:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/12/21	03:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/21	04:25:00.0	XRT_Custom_430_OG [0x1ae]							
2015/12/21	04:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	05:24:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	05:24:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	05:24:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/12/21	05:25:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2015/12/21	05:25:18.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/12/21	05:27:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/12/21	05:27:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/12/21	05:27:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2015/12/21	05:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	05:36:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	05:36:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	05:36:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	05:36:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/12/21	05:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/21	06:02:30.0	XRT_Custom_430_OG [0x1ae]							
2015/12/21	06:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	06:08:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	06:08:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	06:08:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/12/21	06:08:30.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00 00 00 ac cd				
2015/12/21	06:08:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/12/21	06:08:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/12/21	06:08:52.0	XRT_AEC_RESET_438_OG [0x1b6]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/12/21	06:08:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/12/21	06:08:56.0	XRT_FLD_RESET_439_OG [0x1b7]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	06:11:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2015/12/21	06:11:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2015/12/21	06:11:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	06:24:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	06:24:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	06:24:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/12/21	06:24:30.0	AOCS_ORe-point_Start_6_OG [0x09c]							

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2015/12/21	06:24:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00	00	d6	67
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/12/21	06:24:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/12/21	06:24:52.0	XRT_AEC_RESET_438_OG [0x1b6]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/12/21	06:24:54.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/12/21	06:24:56.0	XRT_FLD_RESET_439_OG [0x1b7]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	06:27:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2015/12/21	06:27:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2015/12/21	06:27:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	06:40:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	06:40:26.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	06:40:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2015/12/21	06:40:30.0	AOCS_Ore-point_Start_2_OG [0x098]								
			AOCU_NM	5	02-76	00	00	00	00	00
2015/12/21	06:40:48.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/12/21	06:40:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/12/21	06:40:52.0	XRT_AEC_RESET_438_OG [0x1b6]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/12/21	06:40:54.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/12/21	06:40:56.0	XRT_FLD_RESET_439_OG [0x1b7]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	06:43:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2015/12/21	06:43:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2015/12/21	06:43:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	06:56:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	06:56:26.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	06:56:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2015/12/21	06:56:30.0	AOCS_Ore-point_Start_7_OG [0x09d]								
			AOCU_NM	5	02-76	00	00	00	29	99
2015/12/21	06:56:48.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/12/21	06:56:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/12/21	06:56:52.0	XRT_AEC_RESET_438_OG [0x1b6]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/12/21	06:56:54.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/12/21	06:56:56.0	XRT_FLD_RESET_439_OG [0x1b7]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	06:59:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2015/12/21	06:59:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2015/12/21	06:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	07:16:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	07:16:32.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	07:16:34.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	07:16:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/12/21	07:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/21	07:40:00.0	XRT_Custom_430_OG [0x1ae]								
2015/12/21	07:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	07:45:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	07:45:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	07:45:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2015/12/21	07:46:00.0	AOCS_Ore-point_Start_8_OG [0x09e]								
			AOCU_NM	5	02-76	00	00	00	53	33
2015/12/21	07:46:18.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/12/21	07:46:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/12/21	07:46:22.0	XRT_AEC_RESET_438_OG [0x1b6]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/12/21	07:46:24.0	XRT_ARS_DIS_423_OG [0x1a7]								

2015/12/21	07:46:26.0	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/21	07:48:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	07:48:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2015/12/21	07:49:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2015/12/21	08:01:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/21	08:01:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	08:01:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	08:02:00.0	AOCS_OrE-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/21	08:02:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 d6 36 b7 8e
2015/12/21	08:02:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/21	08:02:22.0	XRT_AEC_RESET_438_OG [0x1b6]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/21	08:02:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/21	08:02:26.0	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/21	08:04:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	08:04:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2015/12/21	08:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2015/12/21	08:11:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/21	08:11:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	08:11:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	08:12:00.0	AOCS_OrE-point_Start_10_OG [0x0a0]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/21	08:12:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 b4 b5 db 75
2015/12/21	08:12:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/21	08:12:22.0	XRT_AEC_RESET_438_OG [0x1b6]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/21	08:12:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/21	08:12:26.0	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/21	08:14:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	08:14:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2015/12/21	08:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2015/12/21	08:27:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/21	08:27:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	08:27:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	08:28:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/21	08:28:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ac 5b 00 00
2015/12/21	08:28:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/21	08:28:22.0	XRT_AEC_RESET_438_OG [0x1b6]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/21	08:28:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/21	08:28:26.0	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/21	08:30:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	08:30:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2015/12/21	08:31:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2015/12/21	08:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/21	08:56:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	08:56:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	08:56:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	08:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/21	09:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/21	09:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				

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2015/12/21	09:21:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	09:21:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	09:21:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/21	09:22:00.0	AOCS_OrE-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00 b4 b5 24 8b
2015/12/21	09:22:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/21	09:22:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/21	09:22:22.0	XRT_AEC_RESET_438_OG [0x1b6]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/21	09:22:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/21	09:22:26.0	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	09:24:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2015/12/21	09:24:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2015/12/21	09:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/21	09:37:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	09:37:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	09:37:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/21	09:38:00.0	AOCS_OrE-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00 d6 36 48 72
2015/12/21	09:38:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/21	09:38:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/21	09:38:22.0	XRT_AEC_RESET_438_OG [0x1b6]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/21	09:38:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/21	09:38:26.0	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	09:40:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2015/12/21	09:40:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2015/12/21	09:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/21	09:47:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	09:47:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	09:47:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/21	09:48:00.0	AOCS_OrE-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00 29 ca b7 8e
2015/12/21	09:48:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/21	09:48:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/21	09:48:22.0	XRT_AEC_RESET_438_OG [0x1b6]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/21	09:48:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/21	09:48:26.0	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	09:50:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2015/12/21	09:50:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2015/12/21	09:51:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/21	09:57:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	09:57:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	09:57:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/21	09:58:00.0	AOCS_OrE-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00 4b 4b db 75
2015/12/21	09:58:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/21	09:58:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/21	09:58:22.0	XRT_AEC_RESET_438_OG [0x1b6]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/21	09:58:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/21	09:58:26.0	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	10:00:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d

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2015/12/21	10:00:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2015/12/21	10:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	10:13:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	10:13:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	10:13:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2015/12/21	10:14:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	00	53 a5 00 00			
2015/12/21	10:14:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/12/21	10:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/12/21	10:14:22.0	XRT_AEC_RESET_438_OG [0x1b6]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/12/21	10:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/12/21	10:14:26.0	XRT_FLD_RESET_439_OG [0x1b7]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	10:16:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2015/12/21	10:16:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2015/12/21	10:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	10:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	10:38:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	10:38:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	10:38:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/12/21	10:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/12/21	10:43:30.0	XRT_Custom_430_OG [0x1ae]							
2015/12/21	10:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	10:49:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	10:49:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	10:49:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2015/12/21	10:49:30.0	AOCS_ORe-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00	4b 4b 24 8b			
2015/12/21	10:49:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/12/21	10:49:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/12/21	10:49:52.0	XRT_AEC_RESET_438_OG [0x1b6]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/12/21	10:49:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/12/21	10:49:56.0	XRT_FLD_RESET_439_OG [0x1b7]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	10:52:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2015/12/21	10:52:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2015/12/21	10:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	11:05:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	11:05:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	11:05:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2015/12/21	11:05:30.0	AOCS_ORe-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	00	29 db 48 72			
2015/12/21	11:05:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/12/21	11:05:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/12/21	11:05:52.0	XRT_AEC_RESET_438_OG [0x1b6]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/12/21	11:05:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/12/21	11:05:56.0	XRT_FLD_RESET_439_OG [0x1b7]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/12/21	11:08:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2015/12/21	11:08:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2015/12/21	11:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/12/21	11:15:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/12/21	11:15:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2015/12/21	11:15:28.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2015/12/21	11:15:30.0	AOCs_OrE-point_Start_1_OG [0x097] AOCU_NM	5	02-76	01	00	00	00 00
2015/12/21	11:15:48.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2015/12/21	11:15:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2015/12/21	11:15:52.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2015/12/21	11:15:54.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2015/12/21	11:15:56.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0		da		
2015/12/21	11:18:26.0	XRT_QT_PROG_SET_431_OG [0x1af] MDP_XRT_QT_PROG_SET	2	07-F0	c4		04	
2015/12/21	11:18:28.0	XRT_FL_PROG_SET_436_OG [0x1b4] MDP_XRT_FL_PROG_SET	2	07-F0	c5		07	
2015/12/21	11:18:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/12/21	12:56:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/12/21	12:56:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/12/21	12:56:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2015/12/21	12:57:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2015/12/21	12:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2015/12/21	12:57:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2015/12/21	12:57:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2015/12/21	12:57:26.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0		da		
2015/12/21	12:59:56.0	XRT_QT_PROG_SET_446_OG [0x1be] MDP_XRT_QT_PROG_SET	2	07-F0	c4		08	
2015/12/21	12:59:58.0	XRT_FL_PROG_SET_436_OG [0x1b4] MDP_XRT_FL_PROG_SET	2	07-F0	c5		07	
2015/12/21	13:00:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/12/21	14:24:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/12/21	14:24:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/12/21	14:24:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da		
2015/12/21	14:24:36.0	XRT_PREFLR_STRT_425_OG [0x1a9] MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2015/12/21	14:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2015/12/21	14:33:00.0	XRT_Custom_430_OG [0x1ae] XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0		c0		
2015/12/21	14:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/12/21	15:44:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/12/21	15:44:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/12/21	15:44:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2015/12/21	15:45:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2015/12/21	15:45:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2015/12/21	15:45:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2015/12/21	15:45:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2015/12/21	15:45:26.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0		da		
2015/12/21	15:47:56.0	XRT_QT_PROG_SET_431_OG [0x1af] MDP_XRT_QT_PROG_SET	2	07-F0	c4		04	
2015/12/21	15:47:58.0	XRT_FL_PROG_SET_436_OG [0x1b4] MDP_XRT_FL_PROG_SET	2	07-F0	c5		07	
2015/12/21	15:48:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/12/21	15:58:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/12/21	15:58:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/12/21	15:58:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da		
2015/12/21	15:58:36.0	XRT_PREFLR_STRT_425_OG [0x1a9] MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2015/12/21	16:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2015/12/21	16:22:00.0	XRT_Custom_430_OG [0x1ae] XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0		c0		
2015/12/21	16:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/12/21	17:35:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/12/21	17:35:02.0	XRT_CTRL_MANU_402_OG [0x192]						

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2015/12/21	17:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
			MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/21	17:35:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/12/21	17:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/12/21	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2015/12/21	18:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		
2015/12/21	18:00:18.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2015/12/21	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2015/12/21	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/12/21	18:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2015/12/21	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/21	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2015/12/21	18:10:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 00 00 00 00		
2015/12/21	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/12/21	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/12/21	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/12/21	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/12/21	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/21	18:12:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2015/12/21	18:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2015/12/21	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/21	19:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	19:12:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	19:12:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/21	19:12:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/12/21	19:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/12/21	19:35:00.0	XRT_Custom_430_OG [0x1ae]						
2015/12/21	19:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/12/21	20:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	20:49:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	20:49:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/21	20:49:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/12/21	20:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/12/21	20:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	20:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/12/21	20:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2015/12/21	21:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/12/21	21:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/12/21	21:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/12/21	21:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/12/21	21:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/12/21	21:02:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2015/12/21	21:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2015/12/21	21:12:30.0	XRT_Custom_430_OG [0x1ae]						

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2015/12/21	21:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/21	22:26:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	22:26:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/21	22:26:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/21	22:26:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/21	22:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/21	22:48:00.0	XRT_Custom_430_OG [0x1ae]			
2015/12/21	22:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/22	00:03:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	00:03:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	00:03:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/22	00:03:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/22	00:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/22	00:12:30.0	XRT_Custom_430_OG [0x1ae]			
2015/12/22	00:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/22	01:28:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	01:28:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	01:28:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/22	01:28:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/22	01:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/22	01:46:30.0	XRT_Custom_430_OG [0x1ae]			
2015/12/22	01:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/22	03:02:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	03:02:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	03:02:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/22	03:02:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/22	03:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/22	03:23:00.0	XRT_Custom_430_OG [0x1ae]			
2015/12/22	03:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/22	04:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	04:32:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	04:32:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/22	04:32:06.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/22	04:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/22	05:00:30.0	XRT_Custom_430_OG [0x1ae]			
2015/12/22	05:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/22	05:44:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	05:44:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	05:44:28.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/12/22	05:44:30.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2015/12/22	05:44:48.0	XRT_FLD_DIS_406_OG [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2015/12/22	05:47:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/12/22	05:47:26.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/22	05:47:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2015/12/22	05:47:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/22	05:54:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	05:54:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	05:54:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/12/22	05:54:30.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	01 00 00 00 00

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2015/12/22	05:54:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2015/12/22	05:54:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/12/22	05:54:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2015/12/22	05:54:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/12/22	05:54:56.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/22	05:57:26.0	XRT_QT_PROG_SET_431_OG [0x1af]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2015/12/22	05:57:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2015/12/22	05:57:30.5	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/22	06:12:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	06:12:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	06:12:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/22	06:12:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/22	06:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/22	06:38:00.0	XRT_Custom_430_OG [0x1ae]			
2015/12/22	06:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/22	07:52:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	07:52:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	07:52:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/22	07:52:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/22	07:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/22	08:15:00.0	XRT_Custom_430_OG [0x1ae]			
2015/12/22	08:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/12/22	09:32:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	09:32:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	09:32:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/12/22	09:32:36.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/12/22	09:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/12/22	09:59:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/12/22	10:25:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00