

XRT Timeline to be uploaded on 2009/05/12

Period: 2009/05/12 10:20:00 - 2009/05/16 10:39:00

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Normal mode

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XOB #169E: CME watch - C/poly - 2x2 768x768 - Be/thin - 2x2 - 1024x1024 - AEC2												
Term	Pointing (x, y)							Comment				
05/12 10:37:02 - 05/12 16:59:54	Track (-662.7, 303.7) ^{@ 05/12 10:30:00}	# OP start + 10min, AR tracking										
05/12 17:43:00 - 05/13 05:56:54	Track (-618.1, 305.6) ^{@ 05/12 17:40:00}	# AR tracking										
05/13 06:10:00 - 05/13 13:27:00	Track (-534.0, 308.4) ^{@ 05/13 06:07:00}	# AR tracking										
PROG= 12 Inf.-time(s)												
└─ Subr= 1 10-time(s) 2.0sec												
└─ Seqn= 49 1-time(s) 60.0sec												
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	5.66s	Obs 2x2	1024x1024 (1024, 1024)	DPCM	2	0	2.0sec
└─ Seqn= 97 2-time(s) 60.0sec												
	C-poly/Open	C-poly/Open	close	Safe	Norm	2.00s	Obs 2x2	768x768 (1024, 1024)	DPCM	2	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 76 1-time(s) 4.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs 1x1	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

XOB #16A1: Synoptic Q95 2x2 - Al/poly(128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(181/2048) + G-band(16)												
Term	Pointing (x, y)							Comment				
05/12 17:03:00 - 05/12 17:39:54	Fixed (0.0, 0.0)	synoptic and HOP118										
05/13 17:28:36 - 05/13 18:12:30	Fixed (0.0, 0.0)	synoptic and HO118, SAA free period is after 17:30										
PROG= 15 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 24 1-time(s) 4.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs 2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 7 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
└─ Seqn= 71 1-time(s) 4.0sec												
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	177ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs 2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 92 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #16A0: Synoptic Q95 2x2 - Al/mesh(88/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(181/2048) + G-band(16)												
Term	Pointing (x, y)							Comment				
05/13 06:00:00 - 05/13 06:06:54	Fixed (0.0, 0.0)	synoptic, shifted -3.0 min										
05/14 06:23:30 - 05/16 10:39:00	Fixed (0.0, 0.0)	synoptic, shifted 20.5 min										
PROG= 16 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 46 1-time(s) 4.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	86ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs 2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 7 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
└─ Seqn= 71 1-time(s) 4.0sec												
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	177ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs 2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 92 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #16A2: twilight monitor with AEC1												
Term	Pointing (x, y)							Comment				
05/13 18:15:38 - 05/13 18:58:00	Track (-446.5, 310.5) ^{@ 05/13 18:00:00}	# AR tracking										
PROG= 14 Inf.-time(s)												
└─ Subr= 1 1-time(s) 30.0sec												
└─ Seqn= 73 1-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs 1x1	256x256 (1024, 1024)	Q=90	1	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #169F: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun												
Term	Pointing (x, y)							Comment				
05/14 00:35:00 - 05/14 04:33:30	Fixed (0.0, 945.0)	N limb co-alignment										
PROG= 06 1-time(s)												
└─ Subr= 1 1-time(s) 360.0sec												

L Seqn= 10 21-time(s) 300.0sec
 L 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 #1530: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence
 Term Pointing (x, y) Comment
 05/14 04:35:00 - 05/14 06:20:24 Fixed (-945.0, 0.0) E limb co-alignment

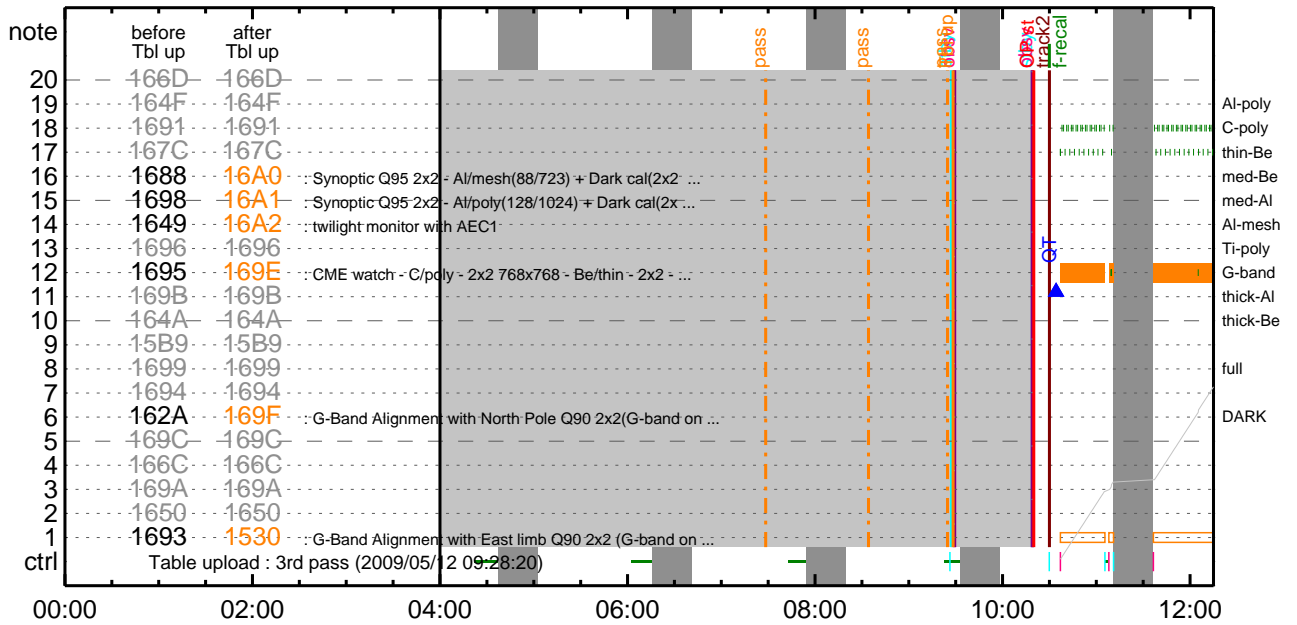
PROG= 01 1-time(s)
 L Subr= 1 1-time(s) 360.0sec
 L Seqn= 13 13-time(s) 480.0sec
 L Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec
 Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

* * * * * **Flare mode** * * * * *
 NOT USED

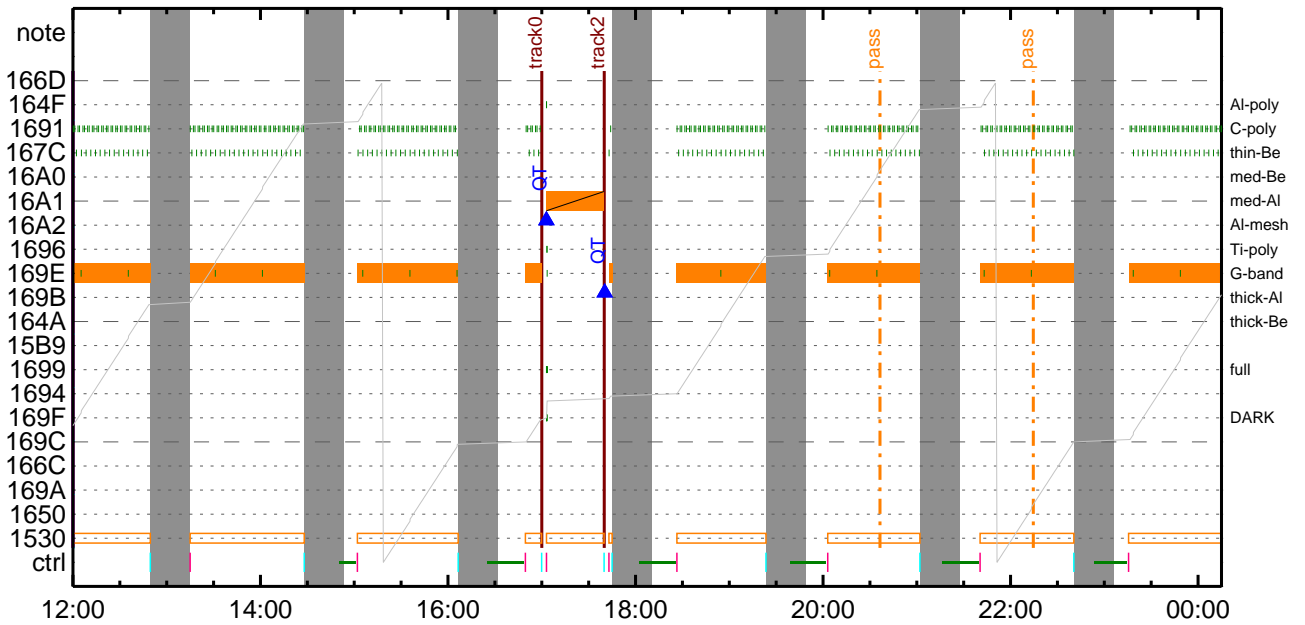
* * * * * **Active Region Search** * * * * *
 NOT USED

* * * * * **Flare Detection** * * * * *
 NOT USED

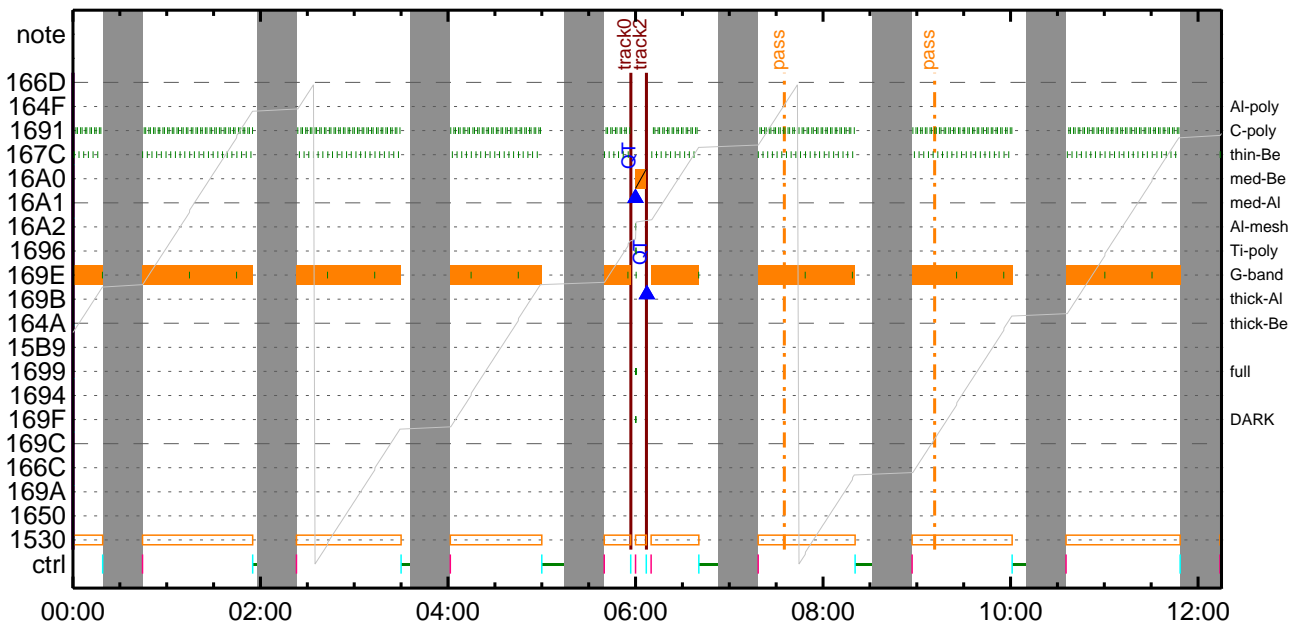
CMDI #0557 2009/05/12



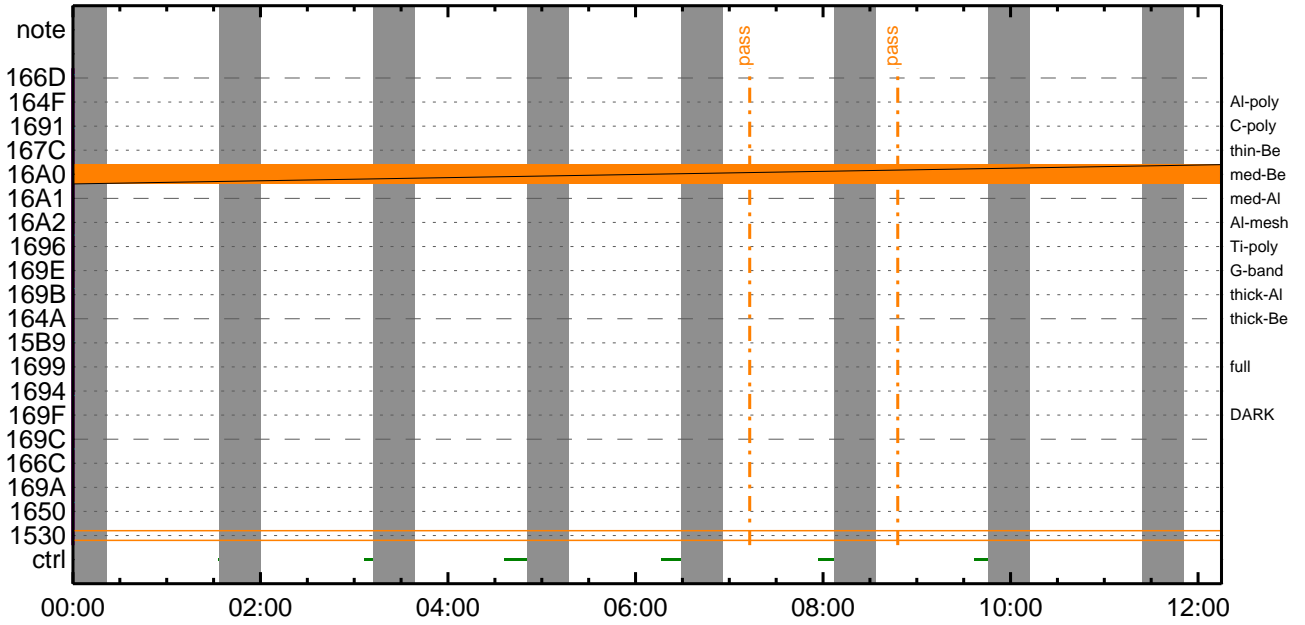
CMDI #0557 2009/05/12



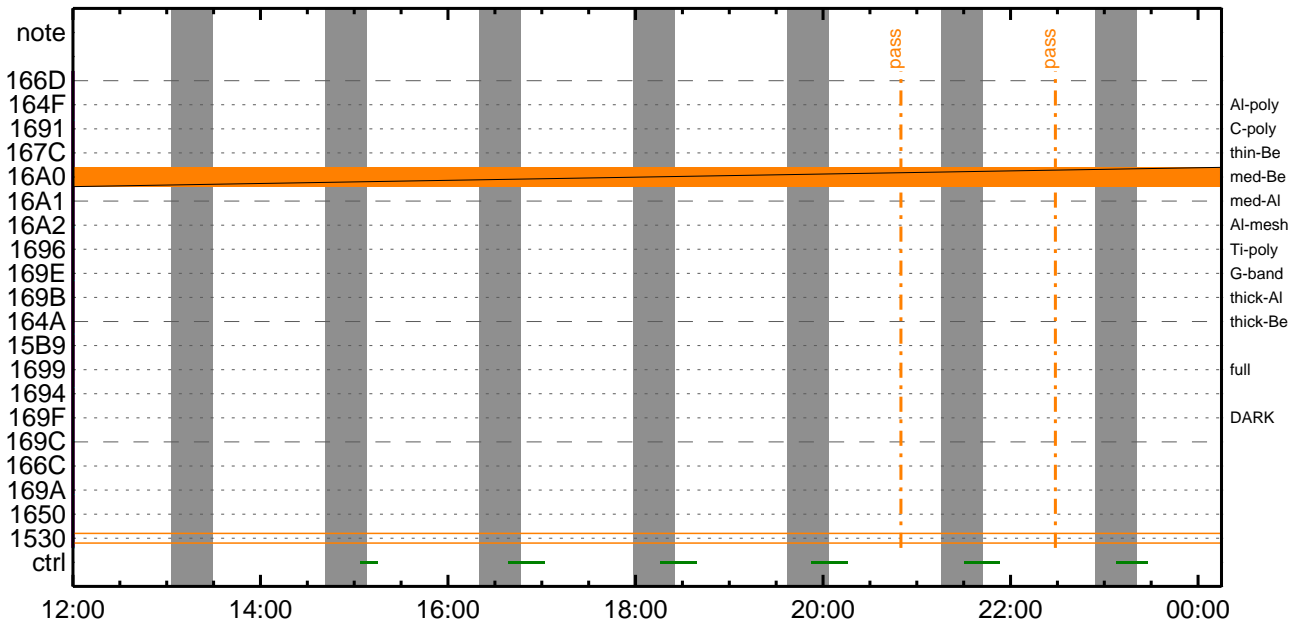
CMDI #0557 2009/05/13



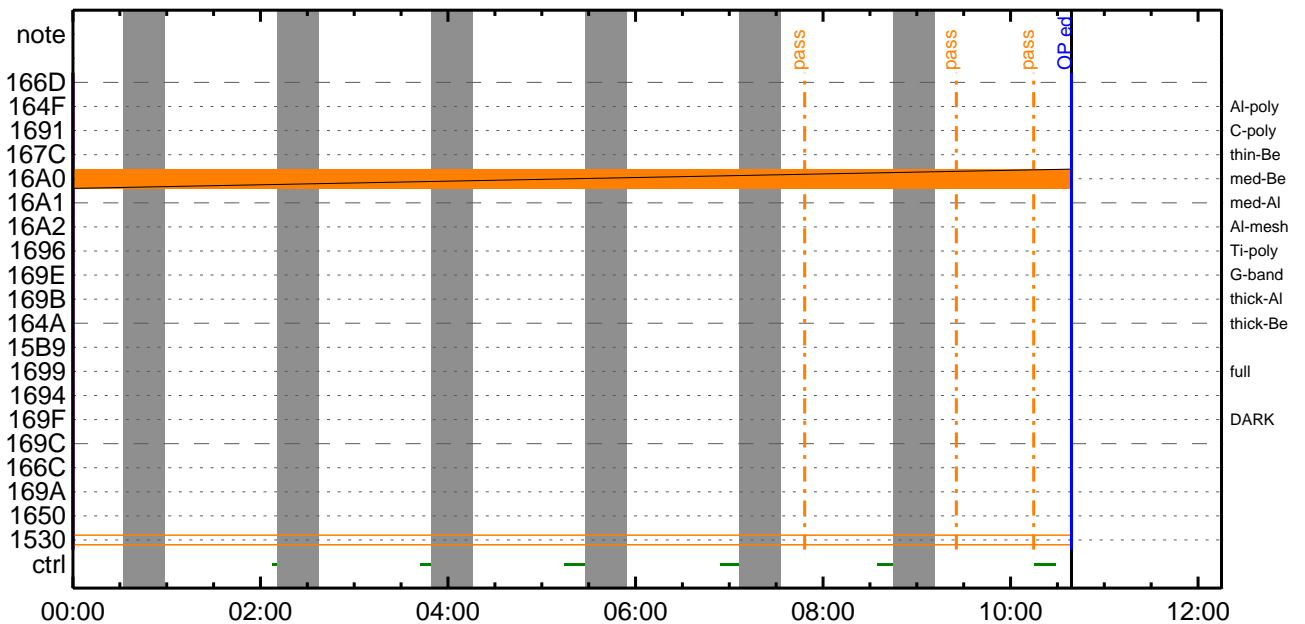
CMDI #0557 2009/05/15



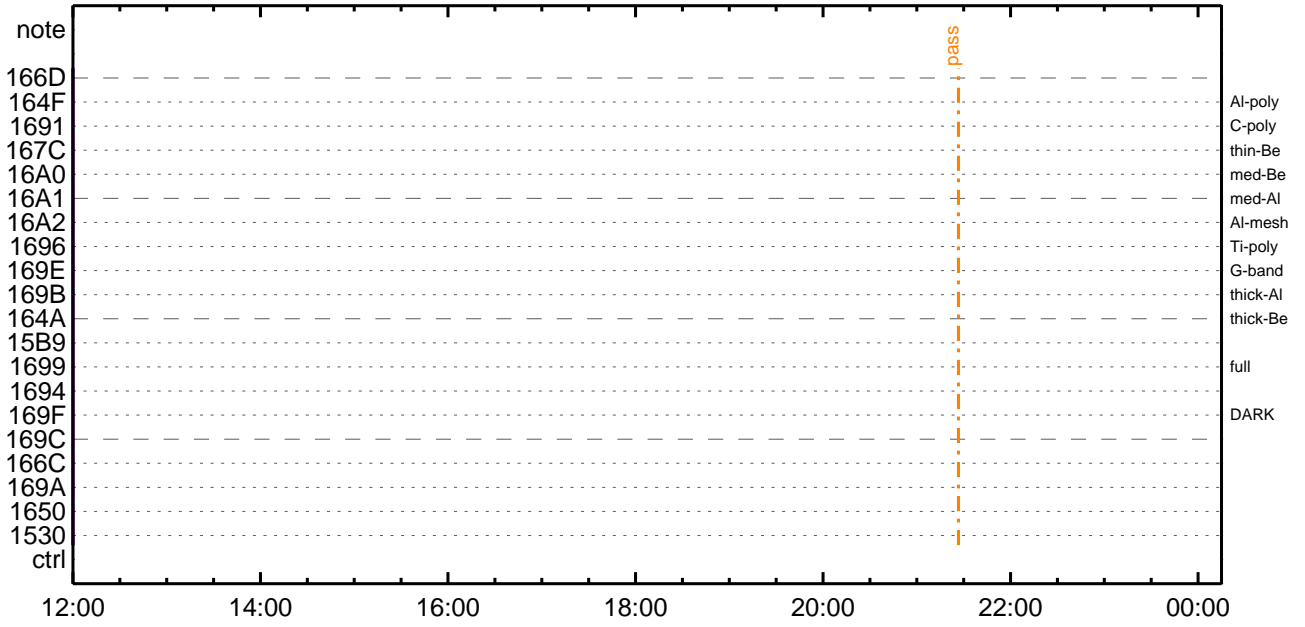
CMDI #0557 2009/05/15



CMDI #0557 2009/05/16



CMDI #0557 2009/05/16




```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
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(a) Spacecraft Operation Procedure (real-commands)

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main-591 2009-05-12 12:38:58 160 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Ä»Û;ä
0005 C.
0006 C. YÄYß;¼Y³YFÿÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È□¿□□□•µ°È»Í×ÁÇ□íYçYÄY×Yí;¼YÉ;ÈÈèµ•ííÉ;È□È¼°Ç□□•□¿¼í¹ç□í;çÀ®, ù□¹□è□□□çÁ+¿®□•□È□□□□è;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 80 80 10 10)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 0c 0c)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 08 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 04 04)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 60 20 18)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c a0 80 18 20)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0f 80 80 04 04)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 10 80 80 10 10)
0058 . C. ----- Success Verify ? OK / NG ____
0059 C.
0060 C.
0061 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0062 C.
0063 +. DC 07-F0 MDP_XRT_MODE_OBSV
0064 BC (c2)
0065 +. TI 2009-05-12 10:19:02.0
0066 DC 07-F0 MDP_XRT_MODE_OBSV
0067 BC (c2)
0068 . C. ----- Success Verify ? OK / NG ____
0069 C.
0070 C. ***** XRT END *****
0071 . C. *****
0072 C. SOT table upload
0073 C. *****
0074 . C. < Stop FG table >
0075 +. DC 07-F0 MDP_FG_CTRL_MANU
0076 BC (51)
0077 . C. -----
0078 C. MDP_FG_CTRL_MODE = MANU [ ]
0079 C. -----
0080 C.
0081 . C. <Upload FG Observation Table>
0082 . S. RAM ram-269:MDP_OBS_F
0083 ( )
0084 C.
0085 . C. < Dump RAMID=MDP_OBS_F >
0086 +. DC 07-F0 MDP_DUMP_FGTBL
0087 BC (82 07 00 00 00 38 b8)
0088 C. -----
0089 C. MDP_OBS_F verify = OK/NG [ ]
0090 C. -----
0091 C.
0092 . C. < Stop SP table >
0093 +. DC 07-F0 MDP_SP_CTRL_MANU
0094 BC (61)
0095 C. -----
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May 12, 09 12:41

XRT_OGLIST_0557.chk

Page 1/3

*** OP Sequence for XRT ***

2009/05/12	10:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	10:29:56.0	XRT_FOCUS_RECALIBRATE_446_OG [0x1be]			
		XRT_FOCUS_RECAL	2	07-F8	78 00
2009/05/12	10:30:00.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 00 00 00 00
2009/05/12	10:33:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/05/12	10:34:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2009/05/12	10:34:18.0	XRT_AEC_RESET_415_OG [0x19f]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2009/05/12	10:34:20.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/05/12	10:34:22.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/05/12	10:34:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/05/12	10:37:02.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	11:05:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	11:07:00.0	XRT_Custom_430_OG [0x1ae]			
2009/05/12	11:08:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	11:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	11:36:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	12:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	13:15:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	14:28:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	15:01:00.5	XRT_Custom_430_OG [0x1ae]			
2009/05/12	15:02:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	16:06:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	16:48:30.0	XRT_Custom_430_OG [0x1ae]			
2009/05/12	16:49:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	16:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	16:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/05/12	17:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2009/05/12	17:00:16.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/05/12	17:00:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/05/12	17:00:20.0	XRT_ARS_DIS_410_OG [0x19a]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/05/12	17:02:58.0	XRT_QT_PROG_SET_409_OG [0x199]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2009/05/12	17:03:00.0	XRT_CTRL_AUTO_440_OG [0x1b8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	17:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	17:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/05/12	17:40:00.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 00 00 00 00
2009/05/12	17:40:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2009/05/12	17:40:18.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/05/12	17:40:20.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/05/12	17:40:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/05/12	17:43:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	17:45:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	18:25:30.0	XRT_Custom_430_OG [0x1ae]			
2009/05/12	18:26:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	19:23:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	20:02:00.0	XRT_Custom_430_OG [0x1ae]			
2009/05/12	20:03:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	21:02:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/12	21:39:30.0	XRT_Custom_430_OG [0x1ae]			
2009/05/12	21:40:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/12	22:40:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			

Wednesday May 13, 2009

1/3

May 12, 09 12:41

XRT_OGLIST_0557.chk

Page 2/3

2009/05/12	23:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/12	23:15:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	00:19:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	00:44:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	01:55:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	02:23:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	03:30:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	04:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	05:00:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	05:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	05:56:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	05:56:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2009/05/13	05:57:00.0	AOCS_Or-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2009/05/13	05:57:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/13	05:57:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/13	05:57:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/13	05:59:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2009/05/13	06:00:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	06:06:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	06:06:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/05/13	06:07:00.0	AOCS_Or-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02 00 00 00 00	
2009/05/13	06:07:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2009/05/13	06:07:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/13	06:07:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/13	06:07:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/13	06:10:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	06:40:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	07:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	08:20:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	08:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	10:01:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	10:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	11:48:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	12:14:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	13:27:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	17:00:00.0	AOCS_Or-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2009/05/13	17:25:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	17:25:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2009/05/13	17:25:52.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/13	17:25:54.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/13	17:25:56.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/13	17:28:34.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2009/05/13	17:28:36.0	XRT_CTRL_AUTO_440_OG [0x1b8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/13	18:00:00.0	AOCS_Or-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02 00 00 00 00	
2009/05/13	18:12:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/13	18:12:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/05/13	18:12:52.0	XRT_QT_PROG_SET_426_OG [0x1aa]					

May 12, 09 12:41

XRT_OGLIST_0557.chk

Page 3/3

2009/05/13	18:12:54.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
2009/05/13	18:12:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/05/13	18:12:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/13	18:13:00.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/13	18:15:38.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/13	18:58:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/14	00:20:00.0	AOCS_ORe-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/14	00:33:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	AOCU_NM	5	02-76	00 ac	00 00 00
2009/05/14	00:33:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/14	00:33:52.0	XRT_QT_PROG_SET_431_OG [0x1af]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2009/05/14	00:33:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2009/05/14	00:33:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/14	00:33:58.0	XRT_FLRCTRL_DIS_429_OG [0x1ad]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/14	00:35:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/14	01:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/14	01:14:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/14	02:20:00.0	AOCS_ORe-point_Start_1_OG [0x097]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/14	04:20:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	02 00	00 00 00
2009/05/14	04:33:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	AOCU_NM	5	02-76	00 00	00 00 54 00
2009/05/14	04:33:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/14	04:33:52.0	XRT_QT_PROG_SET_400_OG [0x190]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2009/05/14	04:33:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2009/05/14	04:33:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/14	04:33:58.0	XRT_FLRCTRL_DIS_429_OG [0x1ad]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/14	04:35:00.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/14	06:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/14	06:09:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/14	06:20:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/14	06:20:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/14	06:20:30.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00
2009/05/14	06:20:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2009/05/14	06:20:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/14	06:20:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/14	06:23:28.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/14	06:23:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2009/05/14	06:30:30.0	AOCS_ORe-point_Start_1_OG [0x097]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/14	11:12:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 00	00 00 00 00
			AOCU_NM	5	02-76	00 00	00 00 00 00