

XRT Timeline to be uploaded on 2016/02/25

Period: 2016/02/25 11:54:00 - 2016/03/01 10:34:00

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Normal mode

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| XOB #1AAC: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 3ms | | | | | | | | | | | | | |
|--|------------------------|--|--|--|--|--|----------------------------|--|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | | Comment | | | | | | |
| 02/25 12:07:00 - 02/25 17:28:00 | Fixed (-16.0, -946.0) | | | | | | # OP start + 10min, HOP206 | | | | | | |
| PROG= 16 Inf.-time(s) | | | | | | | | | | | | | |
| ┌ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └ Seqn= 9 2-time(s) 2.0sec | | | | | | | | | | | | | |
| └ Open/G-band Open/G-band close Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec | | | | | | | | | | | | | |
| ┌ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └ Seqn= 7 1-time(s) 30.0sec | | | | | | | | | | | | | |
| └ Open/G-band Open/G-band open Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec | | | | | | | | | | | | | |
| ┌ Subr= 3 30-time(s) 2.0sec | | | | | | | | | | | | | |
| └ Seqn= 57 1-time(s) 60.0sec | | | | | | | | | | | | | |
| └ Open/Al-mesh Open/Al-mesh close Safe Norm 4.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec | | | | | | | | | | | | | |
| └ Al-poly/Open Al-poly/Open close Safe Norm 5.66s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between; font-size: small;"> Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval </div> | | | | | | | | | | | | | |

| XOB #1B14: Synoptic Q95 2x2 - Al/mesh(24/256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T | | | | | | | | | | | | | |
|--|-------------------|--|--|--|--|--|-----------------------------|--|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | | Comment | | | | | | |
| 02/25 17:56:00 - 02/25 18:02:54 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -7.0 min | | | | | | |
| 02/26 05:40:30 - 02/26 05:47:24 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -22.5 min | | | | | | |
| 02/26 17:42:30 - 02/26 17:49:24 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -20.5 min | | | | | | |
| 02/27 06:00:30 - 02/27 06:07:24 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -2.5 min | | | | | | |
| PROG= 17 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= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └ Open/Al-mesh Open/Al-mesh close Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | | |
| └ Open/Al-mesh Open/Al-mesh close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | | |
| └ Open/Al-mesh Open/Al-mesh close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | | |
| └ Seqn= 99 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └ Al-poly/Open Al-poly/Open close Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | | |
| └ Al-poly/Open Al-poly/Open close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | | |
| └ Al-poly/Open Al-poly/thick-Al close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | | |
| └ Seqn= 67 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └ thin-Be/Open thin-Be/Open close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | | |
| └ thin-Be/Open thin-Be/Open close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | | |
| └ thin-Be/Open thin-Be/Open close Safe Norm 11.3s 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 | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between; font-size: small;"> Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval </div> | | | | | | | | | | | | | |

| XOB #1B18: 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 | | | | | | |
| 02/25 18:06:00 - 02/25 23:56:30 | Track (-637.3, -41.0) @ 02/25 18:03:00 | | | | | | # new AR | | | | | | |
| 02/26 03:17:00 - 02/26 05:37:24 | Track (-572.5, -34.4) @ 02/26 03:00:00 | | | | | | # cont. | | | | | | |
| 02/26 05:50:30 - 02/26 11:29:54 | Track (-551.4, -32.4) @ 02/26 05:47:30 | | | | | | # cont. | | | | | | |
| 02/26 14:03:00 - 02/26 17:39:24 | Track (-487.1, -27.2) @ 02/26 14:00:00 | | | | | | # cont. | | | | | | |
| 02/26 17:52:30 - 02/26 22:54:30 | Track (-456.0, -25.0) @ 02/26 17:49:30 | | | | | | # cont. | | | | | | |
| 02/27 02:15:30 - 02/27 05:57:24 | Track (-387.5, -20.7) @ 02/27 02:00:00 | | | | | | # cont. | | | | | | |
| 02/27 06:10:30 - 02/27 10:00:00 | Track (-352.0, -18.8) @ 02/27 06:07:30 | | | | | | # cont. | | | | | | |
| 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= 50 4-time(s) 90.0sec | | | | | | | | | | | | | |
| └ 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 25.0sec | | | | | | | | | | | | | |
| └ Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 1 2.0sec | | | | | | | | | | | | | |

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|----------------|----------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|---------|
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 1 | 25.0sec |
| 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 #1A13: CME watch - 4x4 - AEC 2/3 - Be-thin (Be-Med) - Long/Short Pairs - 120s cad

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|---------|
| 02/26 00:09:00 - 02/26 02:55:30 | Track (-242.7, -291.5) @ 02/26 00:06:00 | HOP 243 |
| 02/26 11:33:00 - 02/26 13:59:54 | Fixed (-16.0, -976.0) | HOP 249 |
| 02/26 23:18:00 - 02/27 01:55:00 | Track (-52.8, -287.2) @ 02/26 23:15:00 | HOP 243 |

PROG= 14 Inf.-time(s)

Subr= 1 30-time(s) 120.0sec

Seqn= 12 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 |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 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 |
|---------------------------------|--|----------------------------|
| 02/25 12:07:00 - 02/25 17:28:00 | Fixed (-16.0, -946.0) | # OP start + 10min, HOP206 |
| 02/25 18:06:00 - 02/25 23:56:30 | Track (-637.3, -41.0) @ 02/25 18:03:00 | # new AR |
| 02/26 00:09:00 - 02/26 02:55:30 | Track (-242.7, -291.5) @ 02/26 00:06:00 | HOP 243 |
| 02/26 03:17:00 - 02/26 05:37:24 | Track (-572.5, -34.4) @ 02/26 03:00:00 | # cont. |
| 02/26 05:50:30 - 02/26 11:29:54 | Track (-551.4, -32.4) @ 02/26 05:47:30 | # cont. |
| 02/26 11:33:00 - 02/26 13:59:54 | Fixed (-16.0, -976.0) | HOP 249 |
| 02/26 14:03:00 - 02/26 17:39:24 | Track (-487.1, -27.2) @ 02/26 14:00:00 | # cont. |
| 02/26 17:52:30 - 02/26 22:54:30 | Track (-456.0, -25.0) @ 02/26 17:49:30 | # cont. |
| 02/26 23:18:00 - 02/27 01:55:00 | Track (-52.8, -287.2) @ 02/26 23:15:00 | HOP 243 |
| 02/27 02:15:30 - 02/27 05:57:24 | Track (-387.5, -20.7) @ 02/27 02:00:00 | # cont. |
| 02/27 06:10:30 - 02/27 10:00:00 | Track (-352.0, -18.8) @ 02/27 06:07:30 | # cont. |

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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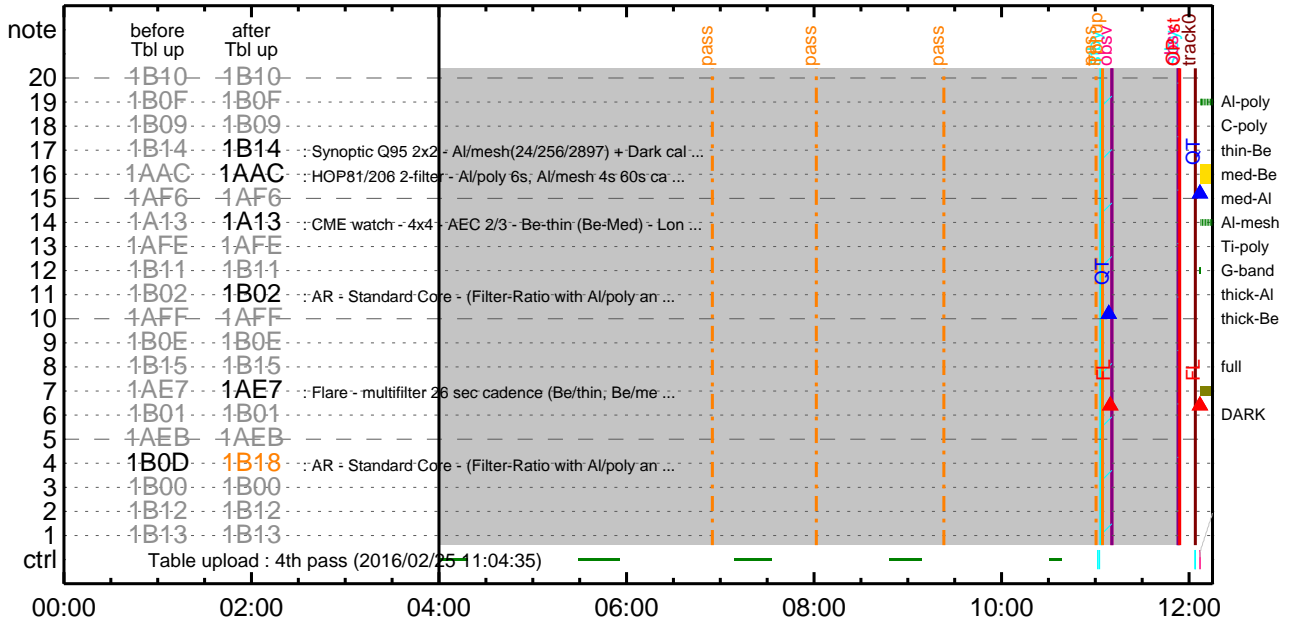
Flare Detection

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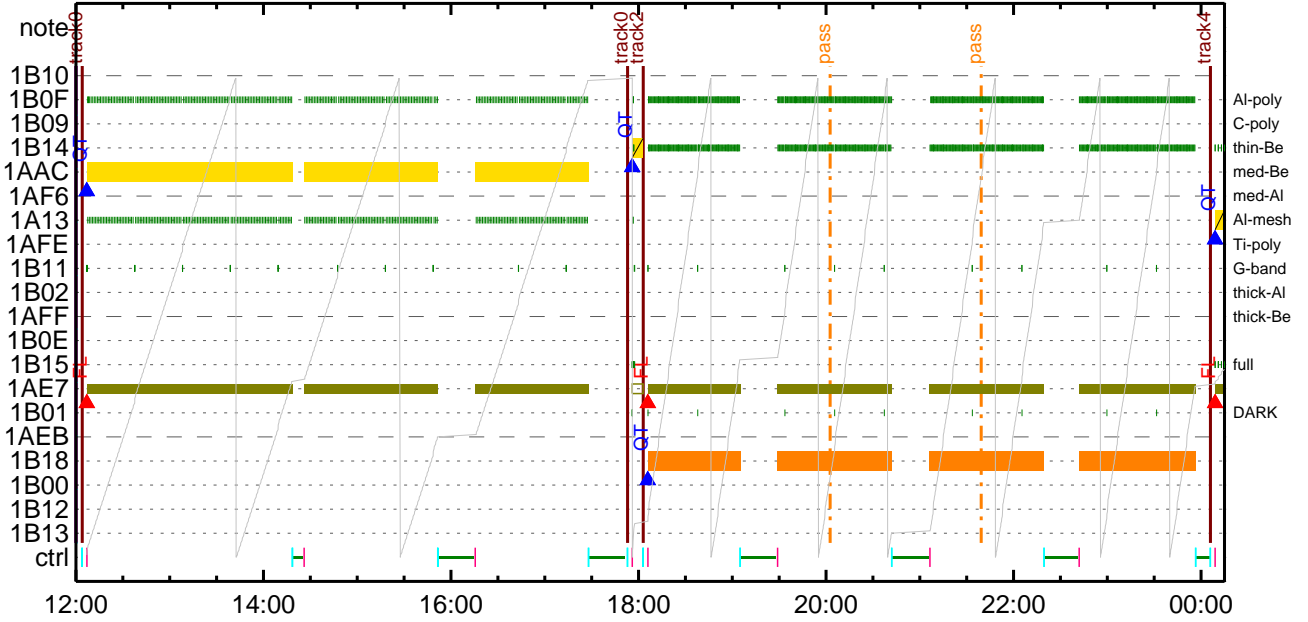
FLD Patrol

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|--|
| 02/25 18:03:18 - 02/26 05:37:48 | Track (-637.3, -41.0) @ 02/25 18:03:00 | # new AR |
| 02/26 05:47:48 - 02/26 17:39:48 | Track (-551.4, -32.4) @ 02/26 05:47:30 | # cont. |
| 02/26 17:49:48 - 02/27 05:57:48 | Track (-456.0, -25.0) @ 02/26 17:49:30 | # cont. |
| 02/27 06:07:48 - 03/01 10:34:00 | Track (-352.0, -18.8) @ 02/27 06:07:30 | # cont. |
| 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 |

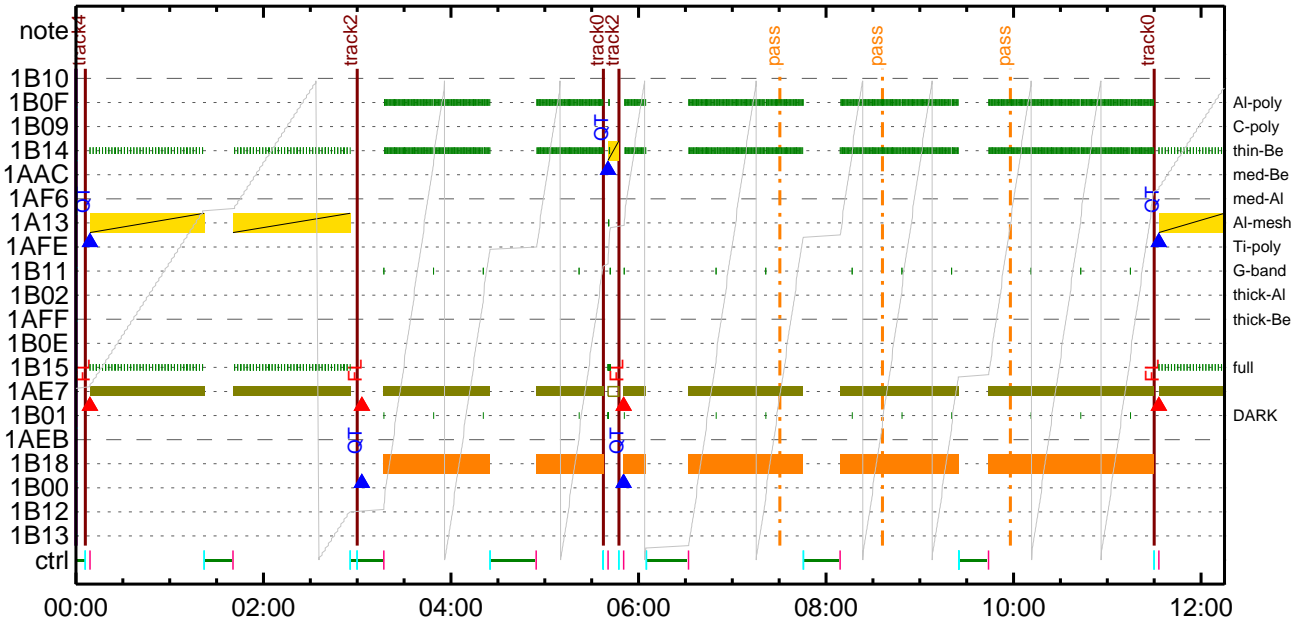
CMDI #0729 2016/02/25



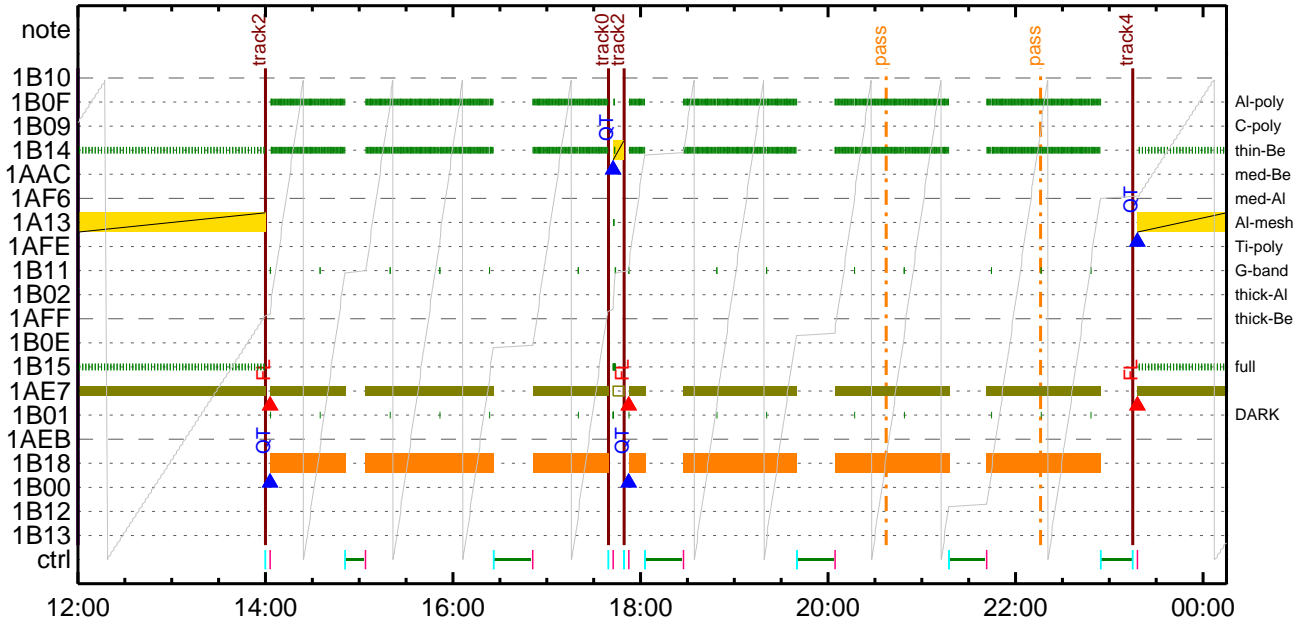
CMDI #0729 2016/02/25



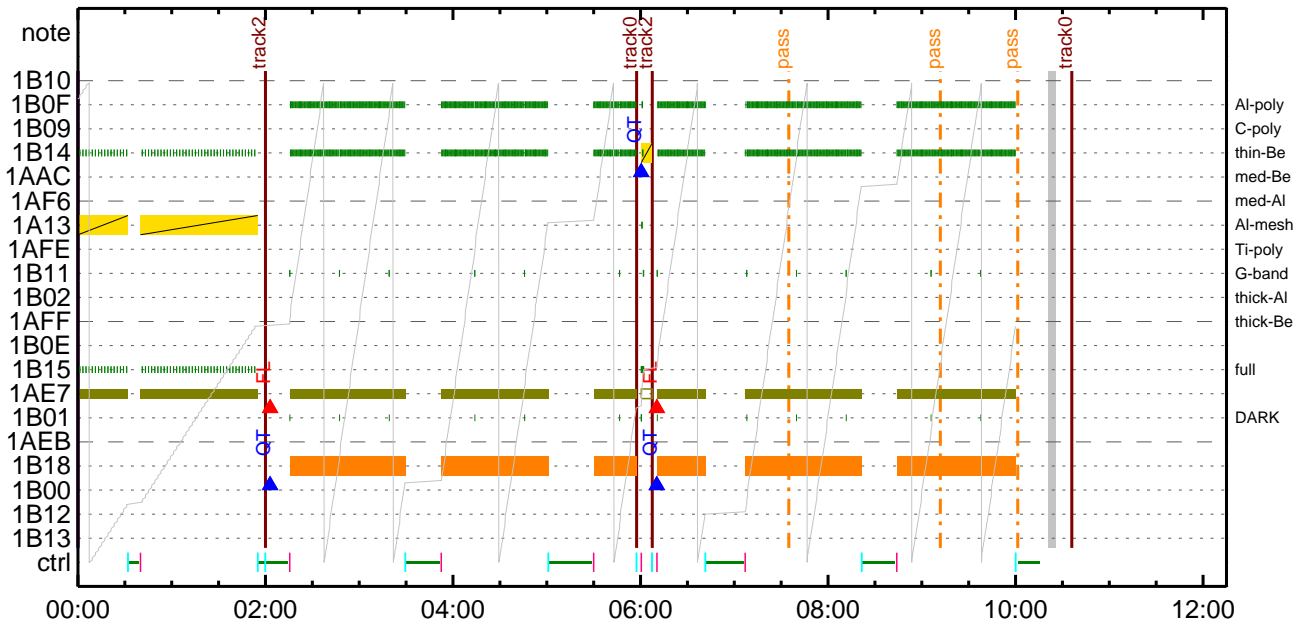
CMDI #0729 2016/02/26



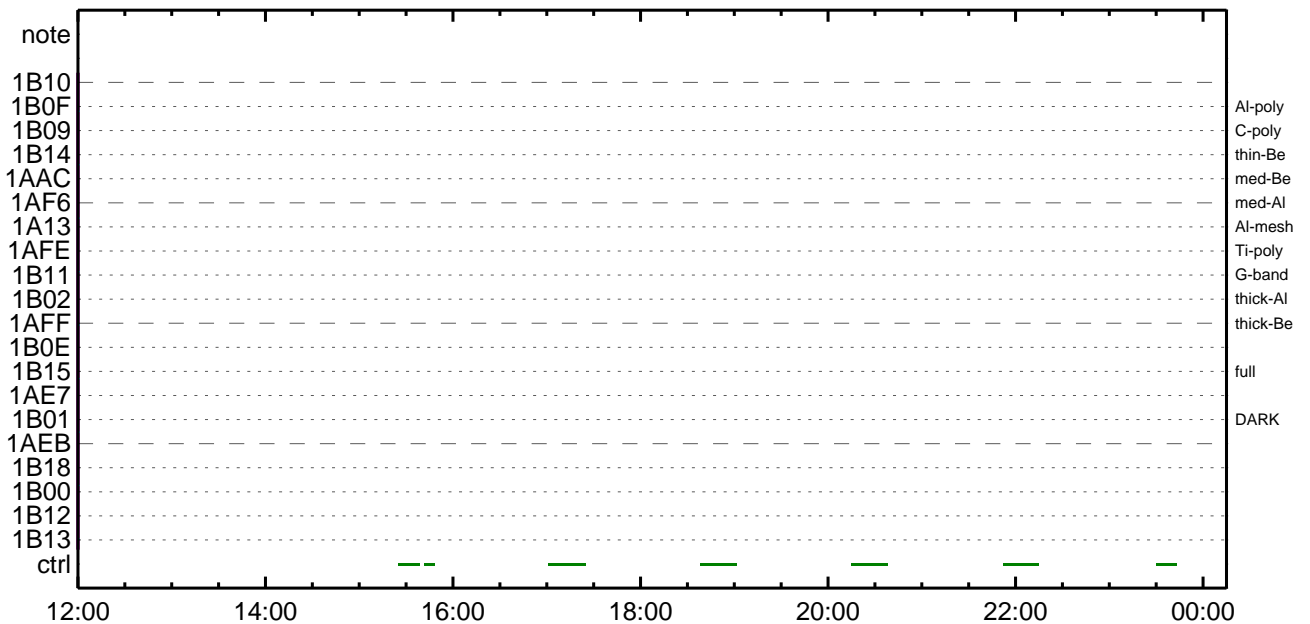
CMDI #0729 2016/02/26



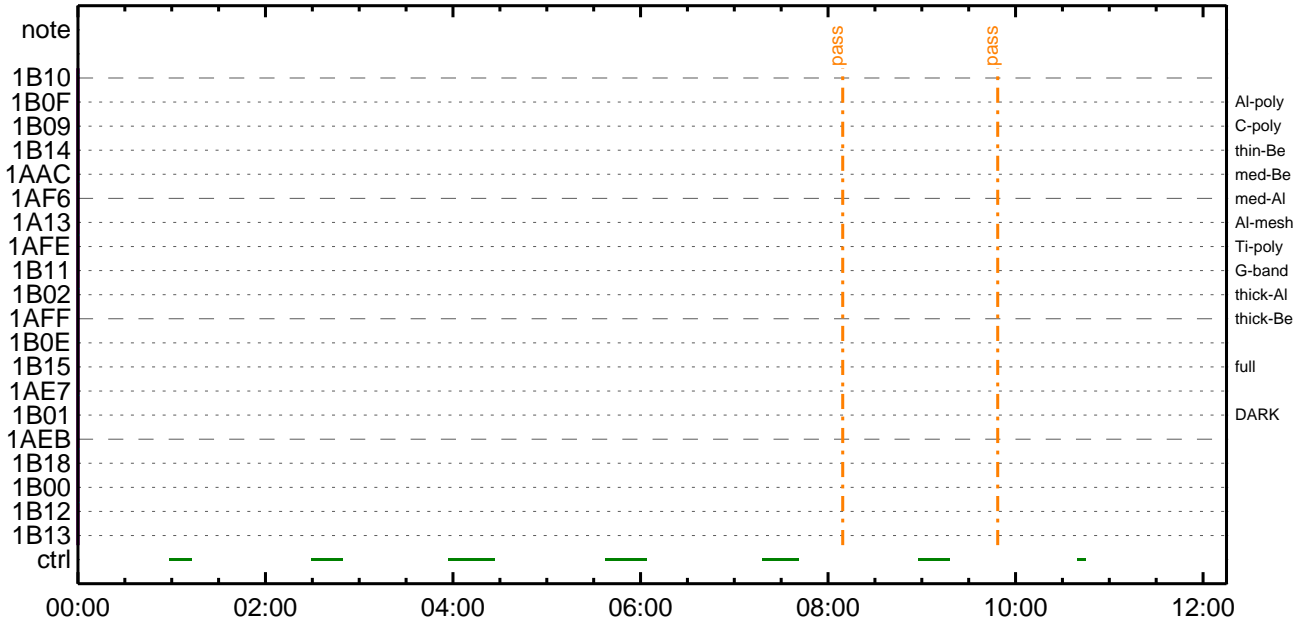
CMDI #0729 2016/02/27



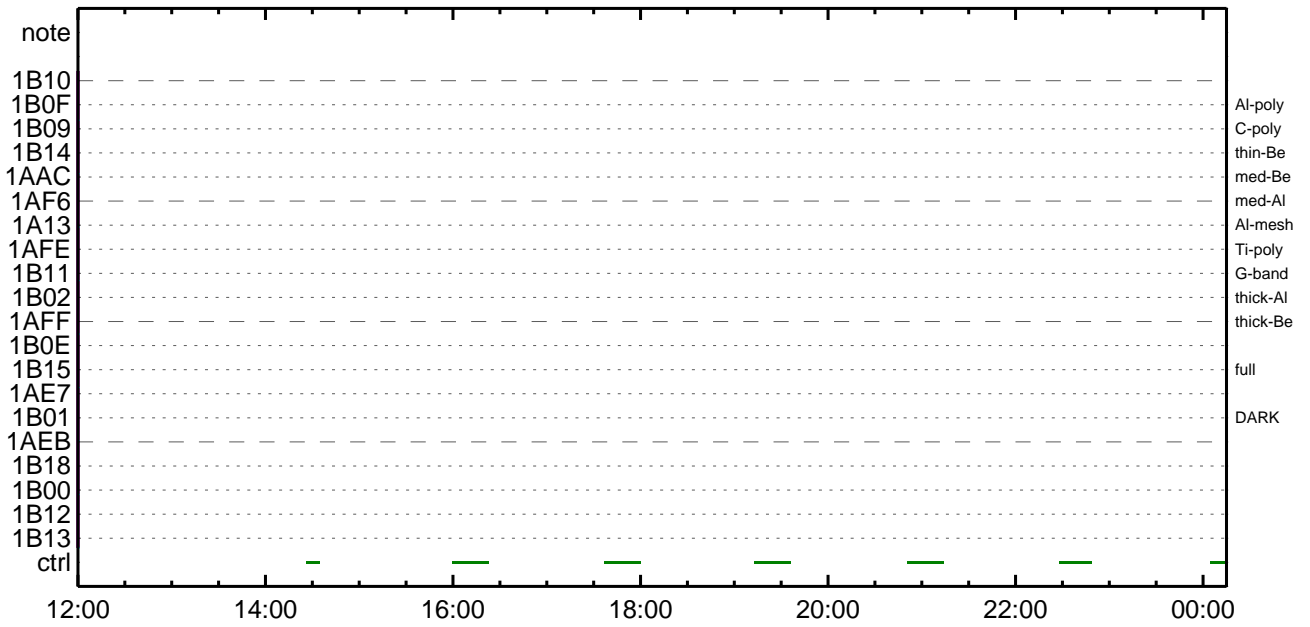
CMDI #0729 2016/02/27



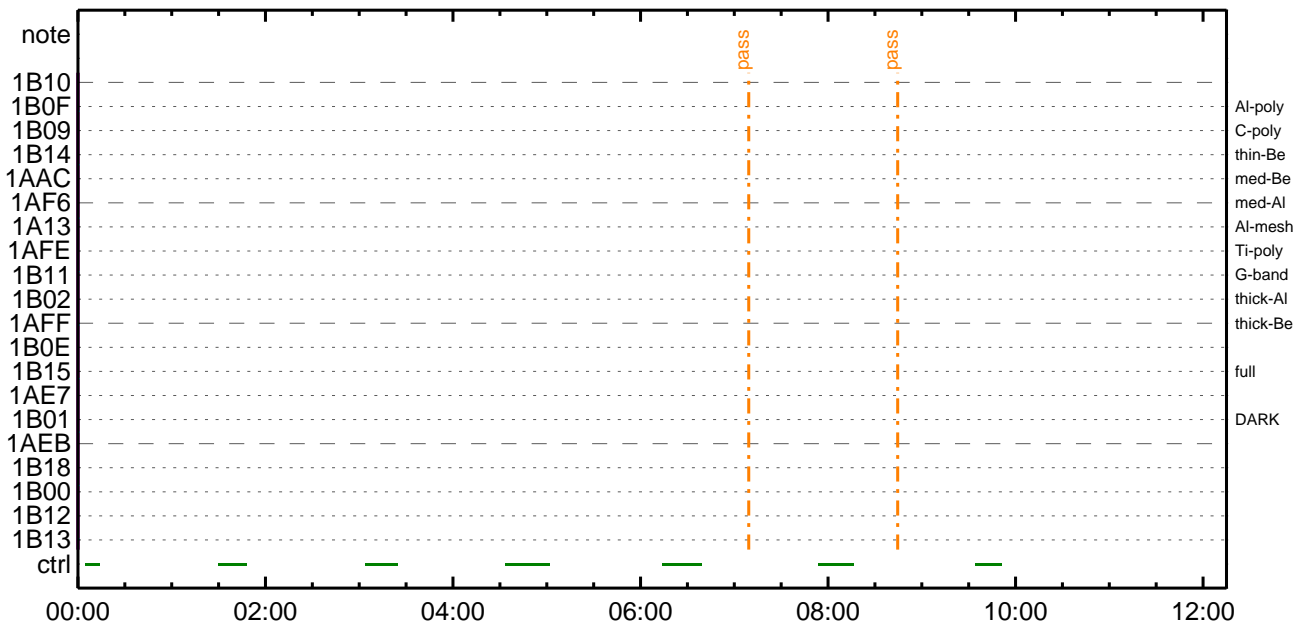
CMDI #0729 2016/02/28



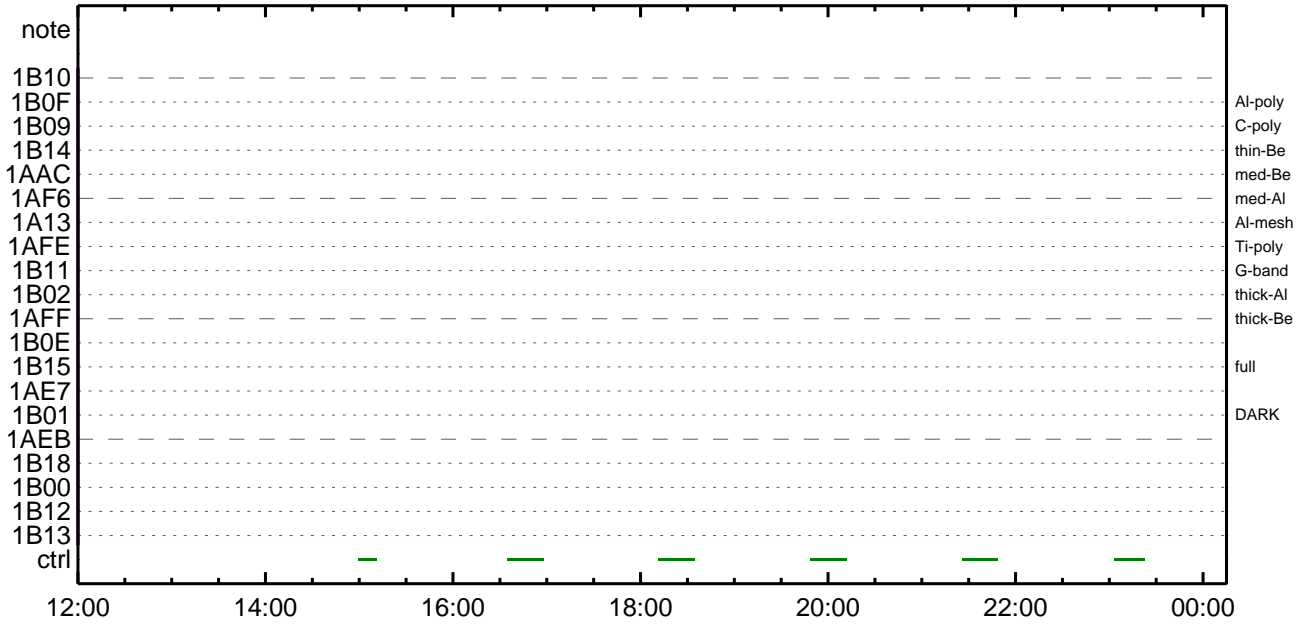
CMDI #0729 2016/02/28



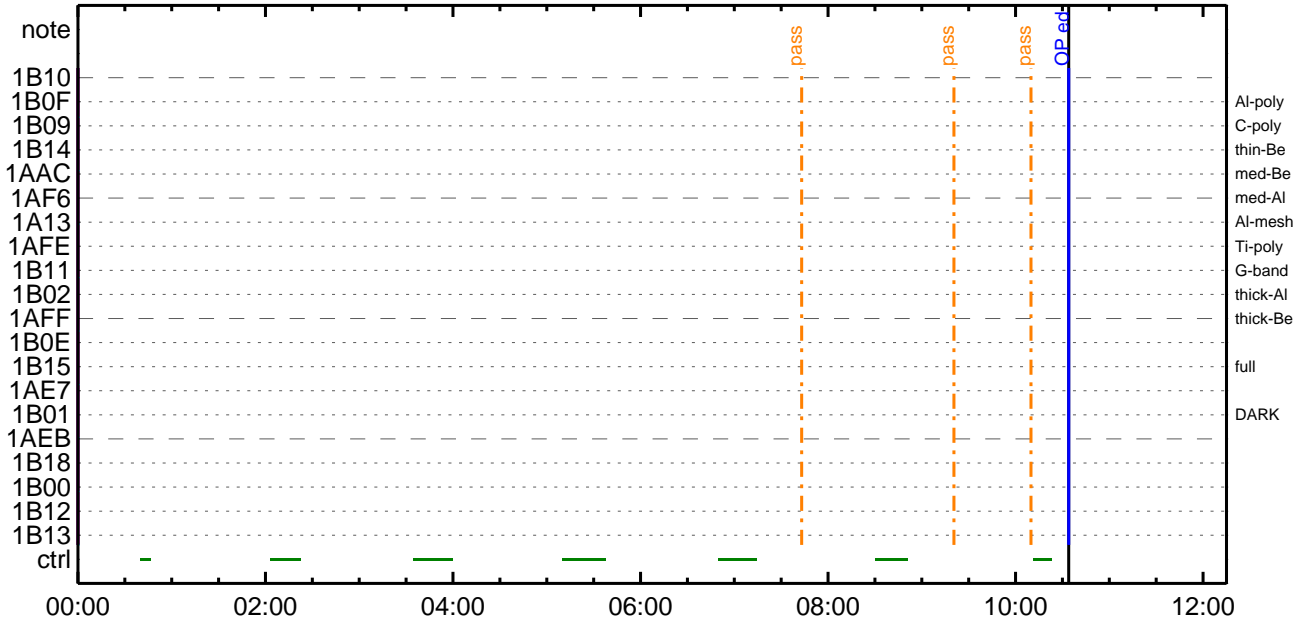
CMDI #0729 2016/02/29



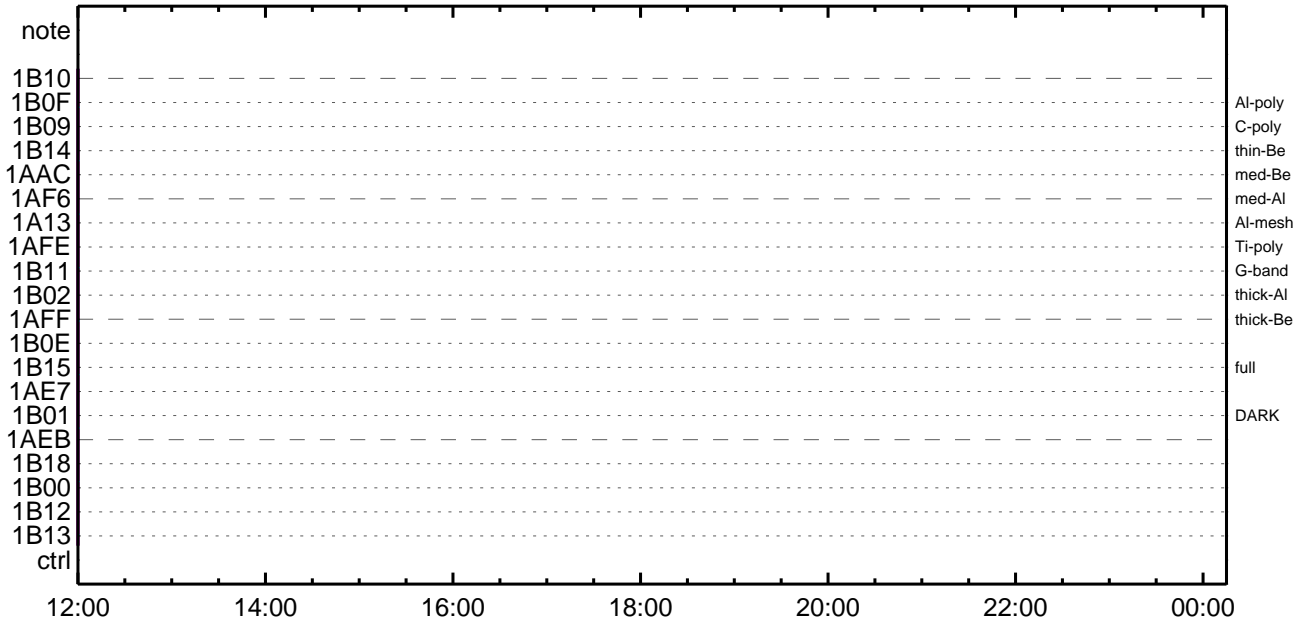
CMDI #0729 2016/02/29



CMDI #0729 2016/03/01



CMDI #0729 2016/03/01




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0096 C.                0302;çSET0EDUMP01E±0iYNY¹0Ç¹00|0³0E;E
0097 C.
0098 . C. TIY³YFYOYÉ00dADİç(UT)
0099 +. TI 2016-02-25 11:49:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0102 C.
0103 +. TI 2016-02-25 11:49:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0106 C.
0107 +. TI 2016-02-25 11:49:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0110 C.
0111 +. TI 2016-02-25 11:53:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0114 C.
0115 C. 0E²¼0İÄè%îİÑ0İYÁYŞYÄY-¹àİÜ
0116 C.                çç[HK1_TI_CMD_ENA/DIS]            EQ        ENA
0117 C.                çç[HK1_TI_CMD_NUM]                EQ        4
0118 C.                çç[HK1_NEXT_EXEC_PIM]            EQ        DHU
0119 C.                çç[HK1_NEXT_EXEC_DC]            EQ        0xB3
0120 C.
0121 . C. *****
0122 C. TIİİ°èYÄYÓY×
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. YÄYÓY×½ªİ»0d³İÇŞ
0142 C.                çç[HK1_DMP_CHK_FLG]              EQ        NON
0143 C.
0144 . C. RAM ID=TI_TBL0İ%È¹Ç•è²İOK0d³İÇŞ
0145 C.
0146 . C. DHUYâ;¼YÉ;È¼Y¼.Yi;¼YÈ;È0dİá0¹
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 2016-02-25 11:53:16.0
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 2016-02-25 11:53:00.0
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.
0175 . C. ***** MDP `ûÄİ0İ»0¼Y0ÈÄ0¹0èDCBC•x²è *****
0176 C. (%â°İYÓYÄYÉYbYÉYáYçYè0E¼00¼Ä»Ü0¹0è)
0177 . S. DC-BC dcbc-402:DCBC
0178 (MDP_known_event)
0179 C.
0180 C.
0181 . C. ***** YDY¹.İ Daily±;İÑ0È`00¹0èDCBC•x²è *****
0182 . S. DC-BC dcbc-153:DCBC
0183 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0184 C.
0185 C.
0186 . C. ;äLOSYÄYŞYÄY-¼Ä»Ü;ä
0187 C.
0188 . C. ***** LOS *****
0189 C.

```


(a) Spacecraft Operation Procedure (real-commands)

```

main-689 2016-02-25 11:08:06 29 33 SOLAR-B MAIN //
0001  C.
0002  . C. ***** AOS *****
0003  C.
0004  . C. ;ãAOSYÁYŞYÁY^-¼Á»Û;ã
0005  C.
0006  C. YÀYB;¼Y³YFYóYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008  C.
0009  . C. ***** AOCs : Reload orbital element (send every contact) *****
0010  C.  Āí;Ē□¿Ā□•µ°Ɖ»Ī×ÁÇ□ĪYçYÁY×YÍ;¼YÉ;ĒĒĒµ•ĪĪĒ;Ē□Ē¼°ÇŒ□•□¿¼Ī¹ç□Ī;çĀ®, ù□¹□Ē□□çÁ+¿®□•□Ē□□□³□Ē;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012  C.
0013  C.
0014  C.
0015  . C. ***** MDP `úĀĪ□Ī»ō¼Y□ĒĀĐ□¹□ĒDCBC•x²Ē *****
0016  C. (¼Ā°ĪYóYĀYĒYbYĒYáYçYĒ□ĒĒ¼□□¼Ā»Û□¹□Ē)
0017  . S. DC-BC dcbc-402:DCBC
0018  (MDP_known_event)
0019  C.
0020  C.
0021  . C. ***** YĐY¹•Ī Daily+¿ĪŪ□Ē`Ø□¹□ĒDCBC•x²Ē *****
0022  . S. DC-BC dcbc-153:DCBC
0023  (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024  C.
0025  C.
0026  . C. ;ãLOSŸÁYŞYÁY^-¼Á»Û;ã
0027  C.
0028  . C. ***** LOS *****
0029  C.
  
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-691 2016-02-25 11:08:06 128 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Ü;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÁø•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÒø•ø¿¼ì¹çøÍ;çÁ®, ùø¹øèøøøÇÁ+¿®ø•øÈøøøøøÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-264:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2016-02-25 11:53:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 +. DC 07-F0 MDP_XRT_CTRL_MANU
0052 BC (c1)
0053 +. DC 07-F0 MDP_XRT_MODE_STBY
0054 BC (c3)
0055 . C. ----- Success Verify ? OK / NG_____
0056 C.
0057 C. XRT Obs. Table Upload
0058 . S. RAM ram-291:MDP_OBS_X
0059 ( )
0060 C.
0061 +. DC 07-F0 MDP_DUMP_XRTTBL
0062 BC (84 07 00 00 00 3a d4)
0063 . C. ----- Comparison Check ? OK / ERR _____
0064 C.
0065 C.
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 01 b1 b1 04 04)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 02 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 03 b1 b1 08 08)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 04 b1 b1 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 80 80 20 20)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 08)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 08 20)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0f 80 80 06 06)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 10 80 80 08 08)
0086 +. DC 07-F0 MDP_XRT_FLD_ENA
0087 BC (d8)
0088 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0089 BC (c8)
0090 +. DC 07-F0 MDP_XRT_ARS_DIS
0091 BC (d5)
0092 +. DC 07-F0 MDP_XRT_AEC_RESET
0093 BC (d0)
0094 +. DC 07-F0 MDP_XRT_FLD_RESET
0095 BC (da)
```

```
0096 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0097 BC (c4 0b)
0098 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0099 BC (c5 07)
0100 . C. ----- Success Verify ? OK / NG ____
0101 C.
0102 C.
0103 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0104 C.
0105 +. DC 07-F0 MDP_XRT_MODE_OBSV
0106 BC (c2)
0107 +. TI 2016-02-25 11:53:02.0
0108 DC 07-F0 MDP_XRT_MODE_OBSV
0109 BC (c2)
0110 . C. ----- Success Verify ? OK / NG ____
0111 C.
0112 C. ***** XRT END *****
0113 C.
0114 . C. ***** MDP `úÃîñî»ò¼ŷñÊÂñ¹ñèDCBC•x²è *****
0115 C. (¼á°îŷÓŷÃŷÈŷŲŷËŷáŷçŷèñÊ¼ññ¼Â»Ûñ¹ñè)
0116 . S. DC-BC dcbc-402:DCBC
0117 (MDP_known_event)
0118 C.
0119 C.
0120 . C. ***** ŷDŷ¹•İ Daily±¿İÑñÊ´Øñ¹ñèDCBC•x²è *****
0121 . S. DC-BC dcbc-153:DCBC
0122 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0123 C.
0124 C.
0125 . C. ¡ãLOSŷÁŷŲŷÃŷ¬¼Â»Ûñ¹ñè
0126 C.
0127 . C. ***** LOS *****
0128 C.
```

Feb 25, 16 11:08

XRT_OGLIST_0729.chk

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*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2016/02/25 | 12:03:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 12:03:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 12:03:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2016/02/25 | 12:04:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 54 18 01 68 | | | | |
| 2016/02/25 | 12:04:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2016/02/25 | 12:04:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2016/02/25 | 12:04:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2016/02/25 | 12:04:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/02/25 | 12:04:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/25 | 12:06:56.0 | XRT_QT_PROG_SET_401_OG [0x191] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | | |
| 2016/02/25 | 12:06:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2016/02/25 | 12:07:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/02/25 | 14:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 14:18:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 14:18:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/25 | 14:18:36.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/02/25 | 14:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/02/25 | 14:25:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/02/25 | 14:26:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/02/25 | 15:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 15:51:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 15:51:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/25 | 15:51:36.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/02/25 | 15:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/02/25 | 16:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/02/25 | 16:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/02/25 | 17:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 17:28:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 17:28:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/25 | 17:28:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/02/25 | 17:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/02/25 | 17:52:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 17:52:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 17:52:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2016/02/25 | 17:53:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2016/02/25 | 17:53:18.0 | XRT_FLD_DIS_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2016/02/25 | 17:55:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2016/02/25 | 17:55:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/02/25 | 17:55:58.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 11 | | | | |
| 2016/02/25 | 17:56:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/02/25 | 18:02:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 18:02:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/25 | 18:02:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2016/02/25 | 18:03:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2016/02/25 | 18:03:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2016/02/25 | 18:03:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2016/02/25 | 18:03:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |

| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|-------------|----|
| 2016/02/25 | 18:03:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/02/25 | 18:03:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/25 | 18:05:56.0 | XRT_QT_PROG_SET_413_OG [0x19d] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 04 |
| 2016/02/25 | 18:05:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 |
| 2016/02/25 | 18:06:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/25 | 19:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/25 | 19:05:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/25 | 19:05:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/25 | 19:05:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/25 | 19:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/25 | 19:28:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/02/25 | 19:29:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/25 | 20:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/25 | 20:42:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/25 | 20:42:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/25 | 20:42:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/25 | 20:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/25 | 21:05:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/02/25 | 21:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/25 | 22:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/25 | 22:19:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/25 | 22:19:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/25 | 22:19:36.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/25 | 22:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/25 | 22:41:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/02/25 | 22:42:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/25 | 23:56:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/25 | 23:56:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/25 | 23:56:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/25 | 23:56:36.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/25 | 23:59:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/26 | 00:05:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 00:05:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 00:05:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2016/02/26 | 00:06:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 04 00 00 00 | 00 |
| 2016/02/26 | 00:06:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2016/02/26 | 00:06:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2016/02/26 | 00:06:22.0 | XRT_AEC_RESET_407_OG [0x197] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2016/02/26 | 00:06:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/02/26 | 00:06:26.0 | XRT_FLD_RESET_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 00:08:56.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e |
| 2016/02/26 | 00:08:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 |
| 2016/02/26 | 00:09:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 01:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 01:22:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 01:22:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 01:22:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/26 | 01:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|--|
| 2016/02/26 | 01:39:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2016/02/26 | 01:40:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| 2016/02/26 | 02:55:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/02/26 | 02:55:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 02:55:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 02:55:36.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/02/26 | 02:58:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2016/02/26 | 02:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2016/02/26 | 02:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 02:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 03:00:00.0 | AOCS_Orе-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2016/02/26 | 03:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | |
| 2016/02/26 | 03:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2016/02/26 | 03:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2016/02/26 | 03:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2016/02/26 | 03:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2016/02/26 | 03:02:56.0 | XRT_QT_PROG_SET_413_OG [0x19d] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/02/26 | 03:02:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | | | |
| 2016/02/26 | 03:16:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | |
| 2016/02/26 | 03:17:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| 2016/02/26 | 04:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/02/26 | 04:25:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 04:25:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 04:25:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/02/26 | 04:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2016/02/26 | 04:53:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2016/02/26 | 04:54:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| 2016/02/26 | 05:37:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/02/26 | 05:37:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 05:37:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 05:37:30.5 | AOCS_Orе-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2016/02/26 | 05:37:48.0 | XRT_FLD_DIS_406_OG [0x196] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | |
| 2016/02/26 | 05:40:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2016/02/26 | 05:40:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2016/02/26 | 05:40:28.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2016/02/26 | 05:40:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 11 | | | |
| 2016/02/26 | 05:47:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/02/26 | 05:47:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 05:47:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/02/26 | 05:47:30.0 | AOCS_Orе-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2016/02/26 | 05:47:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | |
| 2016/02/26 | 05:47:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2016/02/26 | 05:47:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2016/02/26 | 05:47:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2016/02/26 | 05:47:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2016/02/26 | 05:50:26.0 | XRT_QT_PROG_SET_413_OG [0x19d] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/02/26 | 05:50:28.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | | | |
| 2016/02/26 | 05:50:30.5 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2016/02/26 | 06:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 06:05:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 06:05:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 06:05:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/26 | 06:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/26 | 06:31:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/02/26 | 06:32:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 07:45:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 07:45:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 07:45:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 07:45:36.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/26 | 07:48:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/26 | 08:08:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/02/26 | 08:09:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 09:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 09:25:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 09:25:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 09:25:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/26 | 09:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/26 | 09:43:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/02/26 | 09:44:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 11:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 11:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 11:29:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2016/02/26 | 11:30:00.0 | AOCS_OrE-point_Start_5_OG [0x09b] | AOCU_NM | 5 | 02-76 | 00 56 c0 01 68 | |
| 2016/02/26 | 11:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2016/02/26 | 11:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2016/02/26 | 11:30:22.0 | XRT_AEC_RESET_407_OG [0x197] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2016/02/26 | 11:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/02/26 | 11:30:26.0 | XRT_FLD_RESET_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 11:32:56.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | |
| 2016/02/26 | 11:32:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | |
| 2016/02/26 | 11:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 13:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 13:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 13:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2016/02/26 | 14:00:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | |
| 2016/02/26 | 14:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2016/02/26 | 14:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2016/02/26 | 14:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2016/02/26 | 14:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/02/26 | 14:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 14:02:56.0 | XRT_QT_PROG_SET_413_OG [0x19d] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | |
| 2016/02/26 | 14:02:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | |
| 2016/02/26 | 14:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 14:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 14:51:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 14:51:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |

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| 2016/02/26 | 14:51:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 14:54:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/26 | 15:03:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/26 | 15:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 16:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 16:26:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 16:26:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 16:26:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/26 | 16:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/26 | 16:50:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 16:51:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 17:39:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 17:39:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 17:39:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2016/02/26 | 17:39:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2016/02/26 | 17:39:48.0 | XRT_FLD_DIS_406_OG [0x196] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2016/02/26 | 17:42:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2016/02/26 | 17:42:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/02/26 | 17:42:28.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 11 | |
| 2016/02/26 | 17:42:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 17:49:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 17:49:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 17:49:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2016/02/26 | 17:49:30.0 | AOCS_ORe-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | |
| 2016/02/26 | 17:49:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2016/02/26 | 17:49:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2016/02/26 | 17:49:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2016/02/26 | 17:49:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/02/26 | 17:49:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 17:52:26.0 | XRT_QT_PROG_SET_413_OG [0x19d] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | |
| 2016/02/26 | 17:52:28.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | |
| 2016/02/26 | 17:52:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 18:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 18:03:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 18:03:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 18:03:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/26 | 18:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/26 | 18:26:30.5 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 18:27:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 19:40:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 19:40:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 19:40:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/02/26 | 19:40:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/02/26 | 19:43:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/02/26 | 20:03:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/02/26 | 20:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 21:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/02/26 | 21:17:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2016/02/26 | 21:17:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/26 | 21:17:36.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/02/26 | 21:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/02/26 | 21:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/02/26 | 21:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/02/26 | 22:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/26 | 22:54:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/26 | 22:54:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/26 | 22:54:36.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/02/26 | 22:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/02/26 | 23:14:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/26 | 23:14:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/26 | 23:14:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2016/02/26 | 23:15:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2016/02/26 | 23:15:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2016/02/26 | 23:15:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2016/02/26 | 23:15:22.0 | XRT_AEC_RESET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2016/02/26 | 23:15:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/02/26 | 23:15:26.0 | XRT_FLD_RESET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/26 | 23:17:56.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | | | |
| 2016/02/26 | 23:17:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2016/02/26 | 23:18:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/02/27 | 00:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/27 | 00:32:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/27 | 00:32:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/27 | 00:32:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/02/27 | 00:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/02/27 | 00:39:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/02/27 | 00:40:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/02/27 | 01:55:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/27 | 01:55:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/27 | 01:55:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/27 | 01:55:06.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/02/27 | 01:58:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/02/27 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/27 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/02/27 | 01:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2016/02/27 | 02:00:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2016/02/27 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2016/02/27 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2016/02/27 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2016/02/27 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/02/27 | 02:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/02/27 | 02:02:56.0 | XRT_QT_PROG_SET_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | | | | |
| 2016/02/27 | 02:02:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2016/02/27 | 02:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/02/27 | 02:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/02/27 | 03:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |

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|------------|------------|-----------------------------------|-------------------|---|-------|----------------|
| 2016/02/27 | 10:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/02/27 | 10:36:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |