# 「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 09 月 30 日　Y+ 2413　KSC 当番: S.Kitamoto and N.Isobe

GC_Reg6_N3 → GC_Reg6_N4 → PKS1830-211_N5 → GC_Reg6_N5

| | PASS 1 | PASS 2 | PASS 3 | PASS 4 | PASS 5 |
|---|---|---|---|---|---|
| Pass No. | 990930–0928 | | | 990930–1238 | |
| Operation | X-REP<br>SBR-A-RNG<br>OP/OG-07<br>WRT<br>TCU-MEM<br>OP-START<br>RNG-OFF | (YOHKOH) | (YOHKOH) | X-REP<br>SBR-A-RNG<br>STAR-05 WRT<br>S-CTLG-CHK<br>OBSERVE<br>CPU2/3-STOP<br>CPU2/3-RST<br>GIS-MEM<br>RNG-OFF | (YOHKOH) |
| Target | GC_Reg6_N3 | | | GC_Reg6_N3 | |
| AOS(UT)<br>LOS(UT) | 13:33:56<br>13:46:48 | | | 18:36:21<br>18:48:37 | |
| Max-El<br>Time | 32.49°<br>13:39:58 | | | 43.44°<br>18:41:54 | |
| Rep-band(stat.)<br>Rep-start | X ( Complete )<br>13:34:35 | ( ) | ( ) | X ( Complete )<br>18:37:08 | ( ) |
| DP-mode | OBS | | | OBS/ACS/GIS/OBS | |
| ACS-mode | Normal–Pointing | | | Normal–Pointing | |
| SUN-pos $\theta_s/\phi_s$ | — | | | 10.38° / 41.77° | |
| Attitude | [ 269.51184° 118.51125° 185.92939° ] | [ ] | [ ] | [ 269.51224° 118.51055° 185.93010° ] | [ ] |
| OP-start(CE) | 13:43:41 ( 00h ) | ( ) | ( ) | Cont ( 1Bh ) | ( ) |
| GIS HAM ERR | — | | | ERR → Reset | |
| ACS ERR | (SH)MOMCHG→ Reset | | | (SH)MOMCHG | |
| SIS-mode | Fnt/Fnt<br>0101/0101 | | | Fnt/Fnt<br>0101/0101 | |
| S0/1-TECT | −36.33/ −36.08°C | | | −37.50/ −37.15°C | |
| S0/1-CCDT | −61.62/ −61.72°C | | | −61.62/ −61.72°C | |
| GIS-mode | PH(10–8–5–5–0) | | | PH(10–8–8–5–0) | |
| GIS LD Hit | 25.1/25.2 c s$^{-1}$ | | | 25.9/24.1 c s$^{-1}$ | |

| P X Y R S | Pos | MErr | HV_HL | Gain | RT-L | RT-U | Temp | RBMT | CalPk | CalCnt | CalTim | RT Pk |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 8 8 5 0 | FLF | 1 | 3/4 | 48 | 159 | 218 | 13.6 | 14.1 | 375.26 | 541 | 14638 | 184.21 |
| Pass: 990930–0928 | | | 3/4 | 40 | 159 | 218 | 7.6 | | 404.26 | 521 | 14638 | 180.32 |

| SIS Mode Changes: | | | |
|---|---|---|---|
| | GC_Reg6_N3 | 2CCD(0101/0101) | F/F, LD OFF/ON(1.1keV), AD OFF |
| | GC_Reg6_N4 | 2CCD(0101/0101) | F/F, LD OFF/ON(1.1keV), AD OFF |
| | PKS1830-211_N5 | 2CCD(1111/3333) | F/F, LD (0.48keV), AD OFF |
| | GC_Reg6_N5 | 2CCD(0101/0101) | F/F, LD OFF/ON(1.1keV), AD OFF |

| GIS Mode Changes: | | |
|---|---|---|
| | GC_Reg6_N3 | PH(10–8–8–5–0) |
| | GC_Reg6_N4 | PH(10–8–8–5–0) |
| | PKS1830-211_N5 | PH(10–8–8–5–0) |
| | GC_Reg6_N5 | PH(10–8–8–5–0) |

**Battery Condition** (min/max)

| BAT_V–A | BAT_V–B | BAT_I–A | BAT_I–B | BAT_T–A | BAT_T–B |
|---|---|---|---|---|---|
| 18.50/23.20 | 18.60/23.30 | −5.16/4.73 | −5.55/4.76 | 4.55/8.74 | 4.55/7.61 |

**Maneuver Operation**

| Start Time | Target Name | # | $(\alpha, \delta)$ | $(\phi, \theta, \psi)$ |
|---|---|---|---|---|
| 09/30 22:10 | GC_Reg6_N4 | 6 | (269.5256, −28.2360) | (269.7940, 118.0772, 186.0866) |
| 10/01 03:30 | PKS1830-211_N5 | 1 | (278.4163, −21.0610) | (278.6261, 111.0037, 177.3051) |
| 10/01 09:20 | GC_Reg6_N5 | 2 | (268.0255, −29.4946) | (268.3024, 119.3421, 185.2347) |

**Comment: 本日の運用**:
ASCA observed GC_Reg6_N3 and GC_Reg6_N4 (PI: S.Yamauchi (JPN)). The GIS counting rate is ~0.03 cps for the both regions.
世間では臨界事故がおこったり、通り魔が人を殺したり..... いやな世の中になってきました。救いは今日の運用が楽な事ぐらいでしょうか。(北本) おまけに中日優勝だと。やってらんないっすよ、まったく。明日はもっといいことあるに違いない。(いそべ)