

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

1996 年 6 月 17 日 Y+ 1213 KSC 当番: K. Matsuzaki and K. Hashimotodani

Q1101-264 → PRG62

|                           |                                                                                          |                                                                                    |                                       |                                                                                    |                                                                                    |      |      |      |        |        |        |        |
|---------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------|------|------|--------|--------|--------|--------|
|                           | PASS 1                                                                                   | PASS 2                                                                             | PASS 3                                | PASS 4                                                                             | PASS 5                                                                             |      |      |      |        |        |        |        |
| Pass No.                  | 960617-0308                                                                              | 960617-0411                                                                        | 960617-0514                           | 960617-0618                                                                        | 960617-0721                                                                        |      |      |      |        |        |        |        |
| Operation                 | X-REP<br>OP/OG-10 WRT<br>TCU-MEM<br>ACS-ERR-RST<br>CPU2/3-STOP<br>CPU2/3-RST<br>OP-START | X-REP<br>SBR-A-RNG<br>SCT-03(#1) WRT<br>SCT-03 CHK<br>OBS-MODE<br>RNG-OFF          | (YOHKOH)                              | X-REP<br>CPU-2/3-STOP<br>CPU-2/3-RST<br>GIS-MEM<br>BDR-STOP<br>X-REP<br>BDR-STOP   | X-REP<br>SBR-A-RNG<br>RNG-OFF                                                      |      |      |      |        |        |        |        |
| Target                    | Q1101-264                                                                                | Q1101-264                                                                          |                                       | PRG 62                                                                             | RPG 62                                                                             |      |      |      |        |        |        |        |
| AOS(UT)                   | 03:33:16                                                                                 | 05:13:47                                                                           |                                       | 08:36:57                                                                           | 10:18:32                                                                           |      |      |      |        |        |        |        |
| LOS(UT)                   | 03:44:25                                                                                 | 05:26:35                                                                           |                                       | 08:49:37                                                                           | 10:30:21                                                                           |      |      |      |        |        |        |        |
| Max-El                    | 11.987°                                                                                  | 39.421°                                                                            |                                       | Zenith                                                                             | 35.290°                                                                            |      |      |      |        |        |        |        |
| Time                      | 03:38:52                                                                                 | 05:19:53                                                                           |                                       | —                                                                                  | 10:24:00                                                                           |      |      |      |        |        |        |        |
| Rep-band(stat.)           | X ( Complete )                                                                           | X ( Complete )                                                                     | ( )                                   | X ( Complete )                                                                     | X ( Not/8m22s )                                                                    |      |      |      |        |        |        |        |
| Rep-start                 | 03:34:31                                                                                 | 05:14:43                                                                           |                                       | 8:37:25                                                                            | 10:21:59                                                                           |      |      |      |        |        |        |        |
| DP-mode                   | OBS/TCU/OBS                                                                              | OBS/ACS/OBS                                                                        |                                       | OBS/GIS/OBS                                                                        | OBS                                                                                |      |      |      |        |        |        |        |
| ACS-mode                  | Normal-Pointing                                                                          | Normal-Pointing                                                                    |                                       | Normal-Pointing                                                                    | Normal-Pointing                                                                    |      |      |      |        |        |        |        |
| SUN-pos $\theta_s/\phi_s$ | 7.06°/233.94°                                                                            | 3.84°/121.55°                                                                      |                                       | 14.15°/152.72°                                                                     | 14.07°/152.44°                                                                     |      |      |      |        |        |        |        |
| Attitude                  | $\begin{bmatrix} 166.1025^\circ \\ 116.7438^\circ \\ 157.9730^\circ \end{bmatrix}$       | $\begin{bmatrix} 166.1027^\circ \\ 116.7437^\circ \\ 157.9725^\circ \end{bmatrix}$ | $\begin{bmatrix} \\ \\ \end{bmatrix}$ | $\begin{bmatrix} 181.0325^\circ \\ 111.5070^\circ \\ 166.8000^\circ \end{bmatrix}$ | $\begin{bmatrix} 181.0326^\circ \\ 111.5071^\circ \\ 166.7999^\circ \end{bmatrix}$ |      |      |      |        |        |        |        |
| OP-start(CE)              | 03:40:23 ( 00h )                                                                         | Cont ( 09h )                                                                       | ( )                                   | Cont ( 23h )                                                                       | Cont ( 2Dh )                                                                       |      |      |      |        |        |        |        |
| GIS HAM ERR               | ERR→ Reset                                                                               | —                                                                                  |                                       | ERR → Reset                                                                        | —                                                                                  |      |      |      |        |        |        |        |
| ACS ERR                   | (SH)MOMCHG<br>→ Reset                                                                    | —                                                                                  |                                       | —                                                                                  | —                                                                                  |      |      |      |        |        |        |        |
| SIS-mode                  | Faint/Faint<br>1111/3333                                                                 | Faint/Faint<br>1111/3333                                                           |                                       | Faint/Faint<br>1111/3333                                                           | Faint/Faint<br>1111/3333                                                           |      |      |      |        |        |        |        |
| S0/1-TECT                 | -37.74/-37.19°C                                                                          | -37.64/-37.39°C                                                                    |                                       | -36.24/-36.13°C                                                                    | -34.54/-34.57°C                                                                    |      |      |      |        |        |        |        |
| S0/1-CCDT                 | -61.67/-61.77°C                                                                          | -61.62/-61.77°C                                                                    |                                       | -61.62/-61.77°C                                                                    | -61.62/-61.67°C                                                                    |      |      |      |        |        |        |        |
| GIS-mode                  | PH(10-8-8-5-0-0)                                                                         | PH(10-8-8-5-0-0)                                                                   |                                       | PH(10-8-8-5-0-0)                                                                   | PH(10-8-8-5-0-0)                                                                   |      |      |      |        |        |        |        |
| GIS LD Hit                | 23/25 cps                                                                                | 27/23 cps                                                                          |                                       | 29/33 cps                                                                          | 26/26 cps                                                                          |      |      |      |        |        |        |        |
| 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                                                                                      | 2                                                                                  | 3/4                                   | 48                                                                                 | 159                                                                                | 218  | 13.6 | 13.6 | 392.68 | 600    | 5534   | 183.65 |
| Pass: 960617-0308         |                                                                                          |                                                                                    | 3/4                                   | 40                                                                                 | 159                                                                                | 218  | 8.2  |      | 416.76 | 552    | 5534   | 181.01 |

SIS Mode Changes: Faint 1111/3333, LVL Off, ADR Off

GIS Mode Changes: PH 10-8-8-5-0-0

**Battery Condition** (min/max)

| BAT_V-A     | BAT_V-B     | BAT_I-A    | BAT_I-B    | BAT_T-A   | BAT_T-B   |
|-------------|-------------|------------|------------|-----------|-----------|
| 19.40/23.20 | 19.30/23.30 | -4.98/4.75 | -4.68/4.78 | 7.89/9.60 | 4.55/8.46 |

**Maneuver Operation**

| Start Time  | Target Name | # | $(\alpha, \delta)$        | $(\phi, \theta, \psi)$                |
|-------------|-------------|---|---------------------------|---------------------------------------|
| 06/17 08:10 | PRG 62      | 1 | ( 180.8125° , -27.5228° ) | ( 181.0325° , 111.5048° , 166.0784° ) |

**Comment:** 本日の運用: We observed Q1101-264. The count rate of was 0.005 c/s for 1GIS and 0.02 c/s for 1SIS. We lost about 4% of stored data in pass 5 with command trouble.

小さなゴキブリ (<=====> 原寸大) は本当に沢山います。ついに見ても気持ち悪いとも何とも思わなくなってしまいました。(松崎)  
まったく変な天気です。絨毯爆撃のごとき雨とおもったら、涼しげな(外に出ると実は蒸し暑い) 風が吹く晴天になったり。結局休みにもどこにも行かずル・マン観戦。やっぱり PORSCHE が勝たないとね (works に勝って欲しかった橋本谷)