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

94 年 10 月 07 日　Y+ 593/594　KSC 当番: Y.Ogasaka 、 H.Matsumoto, H.Tomida

NGC1569

| | PASS 1 | PASS 2 | PASS 3 | PASS 4 | PASS 5 |
|---|---|---|---|---|---|
| Pass No. | 941006–1341 | 941006–1445 | 941006–1548 | 941007–0104 | 941007–0207 |
| Operation | X REP<br>OP/OG-02 WRT<br><br>TCU MEM MODE<br><br>CPU 2/3 STOP<br><br>CPU 2/3 RST<br>ERRCODE RST<br><br>OP START | X REP<br>RNG A<br>CPU 2/3 STOP<br><br>CPU 2/3 RST<br>ACS MODE<br>OBSERVE MODE<br><br>RNG OFF | X REP<br>ERRCODE RST<br><br>BDR STOP<br>X REP<br>BDR STOP | X REP<br>RNG A<br>CPU 2/3 STOP<br><br>CPU 2/3 RST<br>GIS MEM MODE<br><br>ERRCODE RST<br><br>RNG OFF | X REP |
| Target | NGC1569 | NGC1569 | NGC1569 | NGC1569 | NGC1569 |
| AOS(UT)<br>LOS(UT) | 20:29:10<br>20:41:54 | 22:11:01<br>22:23:25 | 23:52:30<br>00:04:56 | 01:34:24<br>01:46:15 | 03:16:25<br>03:26:31 |
| Max-El<br>Time | 29.062<br>20:35:23 | 72.359<br>22:16:45 | Zenith<br>——— | 47.024<br>01:39:47 | 14.350<br>03:20:56 |
| Rep-band(stat.)<br>Rep-start | X ( Complete )<br>20:30:30 | X ( Complete )<br>22:11:41 | X ( Complete )<br>23:53:20/23:59:12 | X ( Complete )<br>01:35:03 | X ( Complete )<br>03:16:58 |
| DP-mode | OBS | OBS/ACS/OBS | OBS | OBS | OBS |
| ACS-mode<br>ACS-spn/$\theta_s$ $\phi_s$ | Normal–Pointing<br>19.06 | Normal–Pointing<br>19.12, 182.66 | Normal–Pointing<br>19.17, 182.73 | Normal–Pointing<br>19.22, 182.88 | Normal–Pointing<br>19.27, 183.02 |
| Attitude | $\begin{bmatrix} 67.37315 \\ 25.30530 \\ 29.39429 \end{bmatrix}$ | $\begin{bmatrix} 67.37359 \\ 25.30555 \\ 29.38960 \end{bmatrix}$ | $\begin{bmatrix} 67.37323 \\ 25.30497 \\ 29.39081 \end{bmatrix}$ | $\begin{bmatrix} 67.37205 \\ 25.30526 \\ 29.39172 \end{bmatrix}$ | $\begin{bmatrix} 67.37197 \\ 25.30533 \\ 29.39192 \end{bmatrix}$ |
| OP-start(CE) | 20:39:04 ( 00h ) | Cont ( 08h ) | Cont ( 10h ) | Cont ( 18h ) | Cont ( 22h ) |
| GIS HAM ERR | Error/Reset | Error/Reset | Normal | Normal | Normal |
| ACS ERR | (SH)MOMCHG | ——— | (SH)MOMCHG | (SH)MOMCHG | ——— |
| SIS-mode | Faint/Faint<br>1111/3333 | Faint/Faint<br>1111/3333 | Faint/Faint<br>1111/3333 | Faint/Faint<br>1111/3333 | Faint/Faint<br>1111/3333 |
| S0/1-TECT | −35.07/−35.10 | −35.12/−35.15 | −35.32/−35.53 | −35.32/−35.44 | −35.22/−35.40 |
| S0/1-CCDT | −58.84/−58.47 | −59.88/−589.56 | −59.98/−59.61 | −60.17/−59.80 | −60.31/−59.98 |
| GIS-mode | PH(10–8–8–5–0) | PH(10–8–8–5–0) | PH(10–8–8–5–0) | PH(10–8–8–5–0) | PH(10–8–8–5–0) |
| GIS LD Hit | 24cps/24cps | 28cps/26cps | 31cps/32cps | 27cps/24cps | 23cps/23cps |

| P X Y R S | Pos | MErr | HV_HL | Gain | RT-L | RT-U | Temp | RBMT | CalPk | RT Pk | CalCnt/time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 8 8 5 0 | FLF | NO | 3/4 | 48 | 159 | 218 | 19.6 | 19.6 | 383.56 | 184.42 | 126 |
| Pass: 941006-1341 | | | 3/4 | 40 | 159 | 218 | 14.2 | | 402.20 | 179.94 | 118 |

GIS Mode Changes: None

**Battery Condition** (min/max)

| BAT_V–A | BAT_V–B | BAT_I–A | BAT_I–B | BAT_T–A | BAT_T–B |
|---|---|---|---|---|---|
| 20.00/23.50 | 20.00/23.50 | −4.16/4.75 | −4.43/4.78 | 4.82/8.74 | 4.82/8.46 |

**Maneuver Operation**

| Start Time | Target Name | # | ($\alpha$, $\delta$) | ($\phi$, $\theta$, $\psi$) |
|---|---|---|---|---|

**Comment:** 本日の運用:

We are observing NGC1569 for 100 ksec. Counting rates are 0.02 c/sec/GIS and 0.05 c/sec/SIS (including

BGD).
NGC1569 は USJ なので QL 解析結果は送りません。
明日は朝の 3 時台に始まる。今日は早く寝たいが、「あれ、あと 3 時間しかない！しょうがないからこのまま起きてようか」にならないかと不安だ（小賀坂）。
本日消感。網元へもいったし、温泉もいったし。ラーメン屋にいかなかったのがちょっと残念（薮が 10 勝出来なくてもっと残念）。酒も飲み相手がいて楽しく飲めてよかったよかった（松本）
松本君が帰りました。少し寂しくなります。でも部屋が広くなった。少し嬉しい。（冨田）