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

94 年 9 月 06 日　Y+ 563　KSC 当番: K. Iwasawa 、 H. Kaneda

ESO103–G35/X1636–536/HT CAS

| | PASS 1 | PASS 2 | PASS 3 | PASS 4 | PASS 5 |
|---|---|---|---|---|---|
| Pass No. | 940906–0823 | 940906–0927 | 940906–1030 | 940906–1133 | — |
| Operation | BIT HIGH<br>TMS HIGH<br>BDR STOP<br>X REP<br>OP STOP<br>OP/OG-07 WRT<br>TCU MEM MODE<br>CPU2/3 STP<br>CPU2/3 RST<br>STAR-03(6)<br>S-CTLG CHK<br>OBSERVE MODE | X REP<br>SBR-A RNG<br>STAR-04(1)<br>S-CTLG CHK<br>OBSERVE MODE<br>RNG OFF | X REP<br>OP STOP<br>OP/OG-09 WRT<br>TCU MEM MODE<br>BDR STOP<br>X REP<br>BDR STOP | X REP<br>SBR-A RNG<br>CPU2/3 STOP<br>CPU2/3 RST<br>GIS MEM MODE<br>RNG OFF | |
| Target | ESO103–G35 | X1636–536 | X1636–536 | X1636–536 | |
| AOS(UT)<br>LOS(UT) | 11:19:10<br>11:32:36 | 13:01:09<br>13:14:04 | 14:41:54<br>14:55:29 | 16:24:29<br>16:36:54 | |
| Max-El<br>Time | 29.623<br>11:25:37 | 72.283<br>13:07:01 | Zenith<br>— | 49.924<br>16:30:12 | |
| Rep-band(stat.)<br>Rep-start | X ( Complete )<br>11:21:03 | X ( Complete )<br>13:01:49 | X ( Complete )<br>14:43:27/14:49:47 | X ( Complete )<br>16:25:25 | ( ) |
| DP-mode | OBS/ACS/OBS | OBS/ACS/OBS | OBS | OBS | |
| ACS-mode | Normal–Pointing | Normal–Pointing | Normal–Pointing | Normal–Pointing | |
| ACS-spn/$\theta_s$ $\phi_s$ | 16.03, 176.83 | Night | Night | Night | |
| Attitude | 279.96356<br>155.29614<br>201.24039 | 250.56246<br>143.70833<br>173.11874 | 250.56596<br>143.70904<br>173.12224 | 250.56499<br>143.70853<br>173.12127 | |
| OP-start(CE) | 11:29:29 ( 00h ) | Cont ( 11h ) | Cont ( 00h ) | Cont ( 09h ) | ( ) |
| GIS HAM ERR | ERR | Normal | Normal | Normal | |
| ACS ERR | — | — | — | — | |
| SIS-mode | Faint/Faint<br>0101/2323 | Fast/Fast<br>1111/3333 | Fast/Fast<br>1111/3333 | Fast/Fast<br>1111/3333 | |
| S0/1-TECT | −33.57/−33.74 | −34.15/−34.23 | −34.88/−35.01 | −35.85/−35.93 | |
| S0/1-CCDT | −61.29/−60.97 | −61.01/−60.64 | −61.20/−60.78 | −61.43/−61.11 | |
| 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) | |
| GIS LD Hit | 27cps/28cps | 89cps/98cps | 89cps/97cps | 25cps/28cps | |

| 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 | HAM | 3/4 | 48 | 159 | 218 | 19.1 | 19.6 | 384.65 | 184.14 | 2589 |
| Pass: 940906-0823 | | | | | | | 3/4 | 40 | 159 | 218 | 13.6 | | 402.90 | 180.26 | 2438 |

GIS Mode Changes: 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 |
|---|---|---|---|---|---|
| 20.1/23.5 | 20.1/23.5 | −4.25/4.75 | −4.25/4.78 | 4.82/8.74 | 4.82/8.46 |

**Maneuver Operation**

| Start Time | Target Name | # | ($\alpha$, $\delta$) | ($\phi$, $\theta$, $\psi$) |
|---|---|---|---|---|
| 09/06 11:40 | X1363–536 | 6 | ( 250.2312 , −53.7514 ) | ( 250.5709 , 143.7087 , 173.1261 ) |
| 09/03 15:14 | HT CAS | 1 | ( 17.5542 , +60.0767 ) | ( 17.4334 , 30.1197 , 53.9188 ) |

**Comment:** 本日の運用:
X1636–536 is keeping stable flux and has not yet show burst event.

衛星は土曜の OP を実行して、 ESO103–G35 に再度 MNV したまま無事 1pass 目を迎え、 1pass 目終了後、 X1636–536 に MNV して正常運用に復帰しました。 GIS, SIS, ACS 系とも正常に動作しているようです。しかし、 1pass 目は結構忙しかったです（何とかチェック！とか確認！とか言ってると口も疲れた）（岩澤）。
何事もなかったかのように、今日の運用は平穏に終了した。それにしても ASC ERR CODE の (SH)MOMCHG は何の略であろう。最近これがよく出るのだが、そのたびに上位ビット様は読むのに苦労しておられる。（金田）