

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

94 年 11 月 05 日 Y+ 623 KSC 当番: N.Yamasaki、M.Watanabe

RE0751+14/PSR0540-69

|                                                 |                                                            |   |                                                                                                                   |   |                                                                                       |      |                                                              |      |                                                                   |      |      |      |        |        |             |
|-------------------------------------------------|------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------|------|--------------------------------------------------------------|------|-------------------------------------------------------------------|------|------|------|--------|--------|-------------|
|                                                 | PASS 1                                                     |   | PASS 2                                                                                                            |   | PASS 3                                                                                |      | PASS 4                                                       |      | PASS 5                                                            |      |      |      |        |        |             |
| Pass No.                                        | pass to YOHKOH                                             |   | 941105-0515                                                                                                       |   | 941105-0619                                                                           |      | 941105-0722                                                  |      | 941105-0829                                                       |      |      |      |        |        |             |
| Operation                                       |                                                            |   | X REP<br>RNG A<br>OP/OG-14 WRT<br>TCU MEM MODE<br>CPU2/3 STOP<br>CPU2/3 RST<br>ACS ERR RST<br>OP START<br>RNG OFF |   | X REP<br>S-CTLG-06 WRT<br>S-CTLG CHK<br>OBSERVE MODE<br>BDR STOP<br>X REP<br>BDR STOP |      | X REP<br>RNG A<br>CPU2/3 STOP<br>CPU2/3 RST<br>RNG OFF       |      | X REP<br>CPU2/3 STOP<br>CPU2/3 RST<br>GIS MEM MODE<br>ACS ERR RST |      |      |      |        |        |             |
| Target                                          |                                                            |   | RE0751+14                                                                                                         |   | RE0751+14                                                                             |      | RE0751+14                                                    |      | RE0751+14                                                         |      |      |      |        |        |             |
| AOS(UT)                                         |                                                            |   | 07:20:15                                                                                                          |   | 09:01:05                                                                              |      | 10:43:05                                                     |      | 12:24:27                                                          |      |      |      |        |        |             |
| LOS(UT)                                         |                                                            |   | 07:32:03                                                                                                          |   | 09:13:42                                                                              |      | 10:55:14                                                     |      | 12:36:01                                                          |      |      |      |        |        |             |
| Max-El<br>Time                                  |                                                            |   | 58.845<br>07:25:30                                                                                                |   | Zenith<br>——                                                                          |      | 60.161<br>10:48:27                                           |      | 20.932<br>12:29:40                                                |      |      |      |        |        |             |
| Rep-band(stat.)                                 | ( )                                                        |   | X ( Complete )                                                                                                    |   | X ( Complete )                                                                        |      | X ( Complete )                                               |      | X ( Complete )                                                    |      |      |      |        |        |             |
| Rep-start                                       |                                                            |   | 07:20:56                                                                                                          |   | 09:02:14/09:07:58                                                                     |      | 10:43:46                                                     |      | 12:25:24                                                          |      |      |      |        |        |             |
| DP-mode                                         |                                                            |   | OBS                                                                                                               |   | OBS/ACS/OBS                                                                           |      | OBS                                                          |      | OBS                                                               |      |      |      |        |        |             |
| ACS-mode                                        |                                                            |   | Normal-Pointing                                                                                                   |   | Normal-Pointing                                                                       |      | Normal-Pointing                                              |      | Normal-Pointing                                                   |      |      |      |        |        |             |
| ACS-spn/ $\theta_s$ $\phi_s$                    |                                                            |   | 16.28,165.68                                                                                                      |   | 16.35,165.92                                                                          |      | 16.42,165.92                                                 |      | —, —                                                              |      |      |      |        |        |             |
| Attitude                                        | $\begin{bmatrix} \phantom{0} \\ \phantom{0} \end{bmatrix}$ |   | $\begin{bmatrix} 171.611 \\ 75.299 \\ 351.613 \end{bmatrix}$                                                      |   | $\begin{bmatrix} 117.611 \\ 75.299 \\ 351.613 \end{bmatrix}$                          |      | $\begin{bmatrix} 117.622 \\ 75.276 \\ 351.624 \end{bmatrix}$ |      | $\begin{bmatrix} 117.610 \\ 75.298 \\ 351.613 \end{bmatrix}$      |      |      |      |        |        |             |
| OP-start(CE)                                    | ( )                                                        |   | Start ( 00h )                                                                                                     |   | Cont ( 08h )                                                                          |      | Cont ( 10h )                                                 |      | Cont ( 18h )                                                      |      |      |      |        |        |             |
| GIS HAM ERR                                     |                                                            |   | Err/RST                                                                                                           |   | Normal                                                                                |      | Err/RST                                                      |      | Normal                                                            |      |      |      |        |        |             |
| ACS ERR                                         |                                                            |   | (SH)MOMCHG                                                                                                        |   | ——                                                                                    |      | ——                                                           |      | (SH)MOMCHG                                                        |      |      |      |        |        |             |
| SIS-mode                                        |                                                            |   | Faint/Faint<br>0101/2323                                                                                          |   | Faint/Faint<br>0101/2323                                                              |      | Faint/Faint<br>0101/2323                                     |      | Faint/Faint<br>0101/2323                                          |      |      |      |        |        |             |
| S0/1-TECT                                       |                                                            |   | -32.84/-33.11                                                                                                     |   | -32.40/-32.67                                                                         |      | -31.87/-32.90                                                |      | -31.77/-31.90                                                     |      |      |      |        |        |             |
| S0/1-CCDT                                       |                                                            |   | -60.26/-60.08                                                                                                     |   | -59.98/-59.80                                                                         |      | -59.74/-59.56                                                |      | -59.46/-59.28                                                     |      |      |      |        |        |             |
| 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                                      |                                                            |   | 24cps/23cps                                                                                                       |   | 28cps/25cps                                                                           |      | 26cps/27cps                                                  |      | 24cps/24cps                                                       |      |      |      |        |        |             |
| 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  | 18.6 | 18.5 | 382.86 | 184.11 | 2216        |
| Pass: 941105-0515                               |                                                            |   |                                                                                                                   |   |                                                                                       |      | 3/4                                                          | 40   | 159                                                               | 218  | 13.1 |      | 407.09 | 180.13 | 2076        |
| GIS Mode Changes: to (8-6-6-5-0-6) (PSR0540-69) |                                                            |   |                                                                                                                   |   |                                                                                       |      |                                                              |      |                                                                   |      |      |      |        |        |             |

## Battery Condition (min/max)

|             |             |            |            |           |           |
|-------------|-------------|------------|------------|-----------|-----------|
| BAT_V-A     | BAT_V-B     | BAT_I-A    | BAT_I-B    | BAT_T-A   | BAT_T-B   |
| 19.90/23.50 | 19.90/23.50 | -4.25/4.75 | -4.30/4.78 | 4.82/8.74 | 4.82/8.46 |

## Maneuver Operation

| Start Time | Target Name | # | $(\alpha, \delta)$     | $(\phi, \theta, \psi)$            |
|------------|-------------|---|------------------------|-----------------------------------|
| 11/7 02:20 | PSR 0540-69 | 6 | ( 85.0460 , -69.3326 ) | ( 84.3088 , 159.2625 , 315.2218 ) |

## Comment: 本日の運用:

We are observing RE0751+14(JPN). The count rate is 0.46c/s/SIS and 0.24c/s/GIS

SIS の温度が 59 度台前半まで上昇してきました。日陰のバスになったらさがるかと思いきや、そうはいかず。

蠅掃討作戦展開、八匹撃退（ワタナベ）。今日は平穏無事といえるのでしょうか。（山崎）