

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 05 月 13 日 Y+ 2273 KSC 当番: T.Endo, T.Yoshioka and J.Yokokawa

SMC_3 → SMC_4

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	990513-0721	990513-0825	990513-0928	990513-1031	990513-1135
Operation	X-REP OP/OG-04 WRT TCU-MEM CPU2/3-STOP CPU2/3-RST ACS ERR RST OP-START	X-REP SBR-A-RNG STAR-01 WRT S-CTLG-CHK OBSERVE RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF	X-REP
Target	SMC_3	SMC_3	SMC_3	SMC_3	SMC_3
AOS(UT)	10:21:53	12:02:53	13:43:05	15:24:28	17:05:21
LOS(UT)	10:33:46	12:15:16	13:56:26	15:37:14	17:17:06
Max-El	18.27°	54.63°	Zenith	67.50°	25.48°
Time	10:27:43	12:08:17	—	15:30:12	17:10:54
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)
Rep-start	10:23:14	12:03:28	13:43:42/13:48:41	15:25:11	17:06:13
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS/GIS/OBS	OBS
ACS-mode	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing
SUN-pos θ_s/ϕ_s	5.16°/144.23°	5.21°/143.94°		5.37°/144.50°	5.42°/144.15°
Attitude	$\begin{bmatrix} 15.8904^\circ \\ 163.2697^\circ \\ 60.8231^\circ \end{bmatrix}$	$\begin{bmatrix} 15.8910^\circ \\ 163.2696^\circ \\ 60.8264^\circ \end{bmatrix}$	$\begin{bmatrix} 15.8915^\circ \\ 163.2698^\circ \\ 60.8243^\circ \end{bmatrix}$	$\begin{bmatrix} 15.8915^\circ \\ 163.2698^\circ \\ 60.8243^\circ \end{bmatrix}$	$\begin{bmatrix} 15.8912^\circ \\ 163.2701^\circ \\ 60.8243^\circ \end{bmatrix}$
OP-start(CE)	10:30:34 (00h)	Cont (0Bh)	Cont (15h)	Cont (1Eh)	Cont (29h)
GIS HAM ERR	ERR → Reset	—	—	—	—
ACS ERR	(SH)MOMCHG → Reset	—	—	—	—
SIS-mode	Fnt/Fnt 0101/0101	Fnt/Fnt 0101/0101	Fnt/Fnt 0101/0101	Fnt/Fnt 0101/0101	Fnt/Fnt 0101/0101
S0/1-TECT	-40.55/ — 40.79°C	-40.55/ — 40.79°C	-40.50/ — 40.74°C	-40.80/ — 41.03°C	-40.70/ — 40.89°C
S0/1-CCDT	-61.62/ — 61.77°C	-61.62/ — 61.72°C	-61.77/ — 61.77°C	-61.62/ — 61.72°C	-61.62/ — 61.72°C
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	22.0/23.8 c s ⁻¹	22.9/25.1 c s ⁻¹	28.6/27.6 c s ⁻¹	28.8/28.8 c s ⁻¹	26.5/22.5 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	15.8	15.8	372.77	240	5458	184.13
Pass: 990513-0721							3/4	40	159	218	9.3		402.47	198	5458	179.92

SIS Mode Changes: SMC_3 2CCD(0101/0101) F/F, LD on (0.7 keV), AD off
 SMC_4 2CCD(0101/0101) F/F, LD on (0.7 keV), AD off

GIS Mode Changes: SMC_3, SMC_4 PH(10-8-8-5-0) no change

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.10/23.20	19.10/23.20	-5.11/4.73	-4.73/4.80	4.82/8.74	7.89/10.77

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
5/14 0:35	SMC_4	3	(18.0333, -72.7964)	(18.0750, 163.0691, 62.9351)

Comment: 本日の運用: ASCA observed SMC_3 (PI: K. Koyama JPN) in the contact orbits. The obtained count rate from SMC (position 3) was 0.03 cts/s/SIS. ASCA will move to observe SMC_4 (PI: K. Koyama JPN) before the

next contact orbits.

いつもと変わらない朝、いつもと変わらない内之浦、そして、いつもと変わらない運用(涙)。トラブルは突然やってくるって言うけれど... なんだろうね、さしいれ。こ、これってもしかしてケーキ、ケーキだよーっ(喜)。やあっばーい、なあんてやっている場合じゃなーい、ちこくちこく。(遠藤: 甘いもの買ってこいとの指令にケーキを買ってきてくれたよしぞー、感謝!)

初運用は無事終了。このままトラブルなしで行きたいな。(吉岡: 遠藤先生きびしいっす。)

針地獄、血の池地獄、釜ゆで地獄、男地獄。この世に実在するのはどれでしょう。(毎日コスモピアに行ってる横川%夏の学校が思いやられる……)「カシラ、カシラ、ごぞんじカシラ。」「じゃあ入らなきゃいいじゃん。」(遠藤、吉岡: 本多さんしかわからんか、このネタ。)