

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 05 月 12 日 Y+ 2272 KSC 当番: T.Endo and J.Yokokawa

SMC_2 → Cyg_X-3_N7 → SMC_3

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5								
Pass No.	990512-0722		990512-0825				990512-1032		990512-1135								
Operation	X-REP OP/OG-15 WRT TCU-MEM OP-START		X-REP SBR-A-RNG STAR-06 WRT S-CTLG-CHK OBSERVE RNG-OFF		(YOHKOH)		X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF		X-REP								
Target	SMC_2		SMC_2				SMC_2		Cyg-X-3-N7								
AOS(UT)	10:33:58		12:14:31				15:36:18		17:17:09								
LOS(UT)	10:45:35		12:27:03				15:49:04		17:29:16								
Max-El	14.64°		46.59°				75.03°		30.84°								
Time	10:39:33		12:20:04				15:42:01		17:22:44								
Rep-band(stat.)	X (Complete)		X (Complete)		()		X (Complete)		X (Complete)								
Rep-start	10:34:37		12:15:11				15:37:01		17:18:05								
DP-mode	OBS/TCU/OBS		OBS/ACS/OBS				OBS/GIS/OBS		OBS								
ACS-mode	Normal- Pointing		Normal- Pointing				Normal- Pointing		Normal- Pointing								
SUN-pos θ_s/ϕ_s	5.00°/154.74°		5.07°/154.46°				—		—								
Attitude	$\begin{bmatrix} 13.6423^\circ \\ 163.7688^\circ \\ 58.7001^\circ \end{bmatrix}$		$\begin{bmatrix} 13.6429^\circ \\ 163.7688^\circ \\ 58.7011^\circ \end{bmatrix}$		$\begin{bmatrix} \\ \\ \end{bmatrix}$		$\begin{bmatrix} 13.6439^\circ \\ 163.7690^\circ \\ 58.7017^\circ \end{bmatrix}$		$\begin{bmatrix} 307.8823^\circ \\ 49.1721^\circ \\ 20.9442^\circ \end{bmatrix}$								
OP-start(CE)	10:42:09 (00h)		Cont (08h)		()		Cont (1Ch)		Cont (29h)								
GIS HAM ERR	—		—		—		—		—								
ACS ERR	—		—		—		—		—								
SIS-mode	Fnt/Fnt 0101/0101		Fnt/Fnt 0101/0101				Fnt/Fnt 0101/0101		Brt/Brt 1111/3333								
S0/1-TECT	-40.17/ — 40.35°C		-40.12/ — 40.05°C				-40.36/ — 40.60°C		-40.65/ — 40.69°C								
S0/1-CCDT	-61.62/ — 61.72°C		-61.62/ — 61.72°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)								
GIS LD Hit	20.1/20.4 c s ⁻¹		20.5/26.1 c s ⁻¹				27.1/29.0 c s ⁻¹		56.6/65.8 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	373.21	678	14956	184.16	
Pass: 990512-0722							3/4	40	159	218	9.8		399.66	627	14956	179.90	

SIS Mode Changes:	SMC_2 2CCD(0101/0101) F/F, LD on (0.7 keV), AD off
	Cyg_X-3_N7 1CCD(1111/3333) B/B, LD off, AD off/on
	SMC_3 2CCD(0101/0101) F/F, LD on (0.7 keV), AD off

GIS Mode Changes: SMC_2, Cyg_X-3_N7, SMC_3 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
19.20/23.20	19.20/23.20	-5.24/4.75	-4.73/4.78	4.82/8.74	7.32/9.90

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
5/12 16:45	CyG_X-3_N7	1	(308.1071, 40.9578)	(307.9010, 49.1752, 20.9269)
5/12 23:00	SMC_3	2	(15.8875, -73.0000)	(15.8907, 163.2731, 60.8236)

Comment: 本日の運用: ASCA observed SMC_2 (PI: K. Koyama JPN) and Cyg_X-3 (PI: K. Yamaoka JPN) in the contact orbits. The obtained count rate from SMC (position 2) was 0.03 cts/s/SIS. The rate of Cyg_X-3 was 15

cts/s/SIS. ASCA will move to observe SMC_3 (PI: K. Koyama JPN) before the next contact orbits.

思いを抱き続けた年月が長ければ長い程、人は過去を生きる糧とする。抱き続けた思いが深ければ深い程、人は過去を美しく磨きあげる。美化された思い出はやがて憎しみへと姿を変える。前を向いても歩くことができなくなる。復讐という名の重い鎖が心を縛り続ける限り。悲しみの涙が流れ続ける限り。(遠藤:長かった。やっと引き継ぎだ。この作文から早く解放されたい。)

SMC のイメージに、またナニらしきものが写ってますね。しかしもうちょっとギラギラしたソースが写ると期待していたのだが。(ジョコガヴァ)