

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1997 年 04 月 14 日 Y+ 1514 KSC 当番: K. Matsushita and T. Yoshioka

Observation

	PASS 1			PASS 2			PASS 3			PASS 4			PASS 5			
Pass No.	970414-0102			970414-0205			970414-0309			970414-0412			970414-0515			
Operation	X-REP OP/OG-10 WRT TCU-MEM DE-0-ADRS-ON ACS-ERR-RST CPU2/3-STOP CPU2/3-RST OP-START			X-REP SBR-A-RNG BAT-B-TCL-ON CPU2/3-STOP CPU2/3-RST DE-0-ADRS-ON ROG-55h ROG-56h RNG-OFF			X-REP BDR-STOP X-REP BDR-STOP			X-REP BAT-B-TCL-OF OP-STOP SBR-A-RNG OP/OG-13 WRT TCU-MEM ROG-57h ROG-58h CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF			X-REP			
Target	Serpens			Serpens			Serpens			Serpens			Serpens			
AOS(UT)	00:40:47			02:22:29			04:03:20			05:45:11			07:26:33			
LOS(UT)	00:53:31			02:35:22			04:16:49			05:58:10			07:38:44			
Max-El	22.998°			63.044°			Zenith			60.950°			21.920°			
Time	00:46:56			02:28:06			—			05:51:04			07:32:13			
Rep-band(stat.)	X (Complete)			X (Complete)			X (Complete)			X (Complete)			X (Complete)			
Rep-start	00:42:14			02:23:02			04:04:23/04:10:13			05:46:05			07:27:43			
DP-mode	OBS/TCU/OBS			OBS			OBS			OBS/TCU/OBS /GIS/OBS			OBS			
ACS-mode	Normal-Pointing			Normal-Pointing			Normal-Pointing			Normal-Pointing			Normal-Pointing			
SUN-pos θ_s/ϕ_s	14.90°/189.22°			14.98°/189.27°			156.03°/189.33°			15.11°/189.38°			15.19°/189.43°			
Attitude	$\begin{bmatrix} 277.1685^\circ \\ 88.8776^\circ \\ 7.5111^\circ \end{bmatrix}$			$\begin{bmatrix} 277.1685^\circ \\ 88.8776^\circ \\ 7.5111^\circ \end{bmatrix}$			$\begin{bmatrix} 277.1685^\circ \\ 88.8776^\circ \\ 7.5111^\circ \end{bmatrix}$			$\begin{bmatrix} 277.1685^\circ \\ 88.8776^\circ \\ 7.5111^\circ \end{bmatrix}$			$\begin{bmatrix} 277.1685^\circ \\ 88.8776^\circ \\ 7.5111^\circ \end{bmatrix}$			
OP-start(CE)	00:50:24 (00h)			Cont (0Dh)			Cont (1Dh)			05:53:21 (00h)			Cont (0Ch)			
GIS HAM ERR	ERR→Reset			ERR→Reset			—			ERR→Reset			—			
ACS ERR	(SH)MOMCHG→Reset			Reset			—			—			—			
SIS-mode	Faint 0123/2301			Faint 0123/2301			Faint 0123/2301			Faint 1111/3333			Faint 1111/3333			
S0/1-TECT	−37.21/−37.05°C			−36.77/−36.61°C			−36.09/−35.98°C			−34.44/−34.38°C			−33.91/−33.84°C			
S0/1-CCDT	−61.62/−61.39°C			−61.57/−61.44°C			−61.57/−61.30°C			−61.53/−61.03°C			−61.24/−60.78°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	26/28cps			29/30 cps			31/31 cps			30/30 cps			25/27 cps			
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	3	3/4	48	159	218	17.5	17.4	372.27	246	3486	184.50
Pass: 970414-0102							3/4	40	159	218	12.0		399.20	204	3486	179.82
SIS Mode Changes: Serpens :4CCD(0123/2301)/2CCD(3030/1212) F/F for H/M (LD 0.48/0.55 keV ON → LD 0.7 keV ON)																
GIS Mode Changes: PH 10-8-8-5-0-0																

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.20/23.30	19.20/23.30	−4.64/5.07	−4.38/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
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Comment: 本日の運用: We have observed Serpens (PI=Y.TSUBOI JPN). There are a few sources in the field of view. 1 パスで SIS がさちっていました。Bit H と Bit M で level discri を変更する観測だったので、4 パスで OP、OG を書き直して Bit H、M とともに level discri 0.7 keV に変更しました。その結果、Bit H ではさちっていないことを確認しましたが、まだ、Bit M では確認できていません。本日、窪君が入感されました。明日は楽隠居。(松下)
つぎに SA テレメータまで登ってくるのが、吉原タクシーなら当たりでスリッパ。内之浦タクシーならはずれで何もし。結果は、夕方たてつづけに両タクシーとも来たが、スリッパはゲットできなかった。話しが違う！(吉岡)