「あすか」 OPERATION REPORT Rev.5 Ver 3.1

96 年 1 月 9 日　Y+ 1053　KSC 当番: K.Hayashida and Y. Maeda

GRB930131

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	960109–0823	—	960109–1030	—	960109–1237
Operation	X REP SBR-A RNG OP/OG-8 WRT TCU MEM OP START RNG OFF		X REP OP STOP OP/OG-9 WRT TCU MEM S-CTLG WRT S-CTLG CHK BDR STP X REP OBS MODE OP START BDR STP		X REP CPU-STP CPU-RST GIS MEM MODE
Target	GRB930131 pt1		GRB930131 pt1		GRB930131 pt1
AOS(UT) LOS(UT)	11:27:06 11:39:29		14:50:05 15:02:35		18:13:32 18:23:55
Max-El Time	33.327 11:32:54		Zenith —		12.551 18:18:06
Rep-band(stat.) Rep-start	X (Complete) 11:28:12	( )	X (Complete) 14:50:46/14:56:22	( )	X (Complete) 18:14:02
DP-mode	OBS → TCU → OBS		OBS → TCU → OBS → ACS → OBS		OBS → GIS MEM → OBS
ACS-mode	Normal–Pointing		Normal–Pointing		Normal–Pointing
SUN-pos θ_S/ϕ_S	— / —		— / —		— / —
Attitude	$\begin{bmatrix} 183.4637 \\ 100.2162 \\ 334.8370 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 183.4630 \\ 100.2158 \\ 334.8387 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 183.4630 \\ 100.2159 \\ 334.8373 \end{bmatrix}$
OP-start(CE)	11:36:30 (00h)	( )	14:59:56 (00h)	( )	Cont (14h)
GIS HAM ERR	Err → Normal		Normal		Normal
ACS ERR	—		—		—
SIS-mode	Faint/Faint 1212/1212		Faint/Faint 1212/1212		Faint/Faint 1212/1212
S0/1-TECT	−31.92/−32.04		−32.21/−32.33		−33.28/−33.40
S0/1-CCDT	−59.27/−58.95		−59.32/−59.05		−59.27/−59.05
GIS-mode	PH(10–8–8–5–0)		PH(10–8–8–5–0)		PH(10–8–8–5–0)
GIS LD Hit	23/24 cps		31/28 cps		23/23 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	No	3/4	48	159	218	18.6	18.5	377	1410	14928	184
Pass: 9601090823			3/4	40	159	218	13.1		400	1281	14928	180

SIS Mode Changes: GRB930131 pt1(until 960109-15:00): 1212/1212, F/F for any bit rate
GRB930131 pt1(from 960109-15:00), pt2, pt3: 1212/1212, F/F for bit H, B/B for bit M
GRB930131 throughout: LVL 0.55 keV ON, ADRS ON(near Bright Earth)

GIS Mode Changes: PH (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
19.40/23.30	19.40/23.30	-5.24/4.75	-4.60/4.78	5.10/6.20	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
1/9 19:41	GRB930131 pt2	1	(183.6500 , -9.8000)	(183.3596 , 99.8104 , 334.8817)
1/10 6:30	GRB930131 pt3	2	(183.850 , -10.6000)	(183.5593 , 100.6132 , 334.7962)

Comment: 本日の運用: The SIS count rate was as high as 40-70 c/s/exposure/chip for the GRB930131 data reproduced at the 1st pass. We modified the OP plan so that bright mode would be used in bit rate medium.

NGC3281 (Sy2, PI=A.Wilson, US) was detected with a count rate of 0.02 c/sec/GIS. On the other hand, we could not find a clear peak (>0.005 c/s/GIS) in the KSC QL image of the GRB930131 pt1 field (PI=A.Yoshida, JPN).
明日から受信終了が夜中の１２時にくりあがるのがうれしい。 テレメータセンターでは SFU 関係の作業が少しあわただしくなってきています。 (林田)
今日は、全部で５回もコマンドが送られてきました。夢の中でもビープ音が出てきそうです。相模原当番＋石田さん、おつかれ様でした。(前田)