Comment: 本日の運用:
We are observing SNR 3C400.2 (MUJ,PI:Burrows/Tsunemi). The counting rates were ∼0.2 c/sec/SIS (4chips) and ∼0.08 c/sec/GIS (12' radius) (including BGD). The source seems to be faint. 運用約 1 時間前に、MS にコマンドが届いていないことがわかった。宇宙研のいろいろな部屋に電話したが、学会明けの日曜の夜でだれもいなかった。最後の望みを託して堂谷君の家にかけたらいてくれて何とか間に合った。MS にコマンドが届いているか check したほうがいい (伊藤)。もうすぐ消感です。いやあ、大変につかれる鹿児島でした。来年はもっと楽な時間帯でお願いしたいものです (冨田)。 KSC 初日、小刻み睡眠の重要性を知る (窪)。

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 10 月 17 日　Y+ 603　KSC 当番: M.Itoh 、 H.Tomida, H.Kubo

3C400.2 P2 / 3C400.2 P3 / 3C400.2 P4 / PSR1929+10

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	941016–1030	941016–1134	941016–1237	941016–1341	941016–1444
Operation	X REP OP/OG-06 WRT TCU MEM MODE CPU 2/3 STOP CPU 2/3 RST OP START	X REP RNG A STAR-6 WRT S CTLG CHK OBSERVE MODE ERR CODE RST RNG OFF	X REP CPU 2/3 STOP CPU 2/3 RST BDR STOP X REP BDR STOP	X REP RNG A CPU2/3 STOP CPU2/3 RST GIS MEM MODE DE-0 ADRS ON RNG OFF	X REP DE-0 ADRS ON
Target	3C400.2 P2	3C400.2 P2	3C400.2 P2	3C400.2 P2	3C400.2 P2
AOS(UT)	14:58:30	16:40:28	18:21:25	20:03:34	21:45:10
LOS(UT)	15:11:00	16:53:15	18:35:00	20:16:35	21:57:27
Max-El	18.757	54.431	Zenith	69.709	26.999
Time	15:04:58	16:46:12	———	20:09:27	21:50:47
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)
Rep-start	15:00:45	16:41:31	18:22:29/18:28:32	20:04:11	21:46:19
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing
ACS-spn/θ_s ϕ_s	—, —	—, —	11.25, 242.58	11.23, 242.81	11.27, 243.22
Attitude	$\begin{bmatrix} 294.2809 \\ 72.6413 \\ 177.7176 \end{bmatrix}$	$\begin{bmatrix} 294.2808 \\ 72.6417 \\ 177.7172 \end{bmatrix}$	$\begin{bmatrix} 294.2809 \\ 72.6416 \\ 177.7175 \end{bmatrix}$	$\begin{bmatrix} 294.2811 \\ 72.6416 \\ 177.7171 \end{bmatrix}$	$\begin{bmatrix} 294.2804 \\ 72.6414 \\ 177.7187 \end{bmatrix}$
OP-start(CE)	15:08:03 (00h)	Cont (0Ch)	Cont (16h)	Cont (20h)	Cont (29h)
GIS HAM ERR	Error/Reset	Normal	Error/Reset	Normal	Normal
ACS ERR	———	(SH)MOMCHG	———	—-	———
SIS-mode	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301
S0/1-TECT	−35.36/−35.06	−35.61/−35.30	−35.75/−35.44	−36.43/−36.17	−37.25/−36.95
S0/1-CCDT	−61.53/−61.30	−61.48/−61.25	−61.43/−61.11	−61.53/−61.16	−61.62/−61.34
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	23cps/24cps	29cps/27cps	31cps/29cps	30cps/24cps	26cps/26cps

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	14.7 15.2	392.04 184.04 1288
Pass: 941016-1030			3/4	40	159 218	9.3	417.61 180.79 1209

GIS Mode Changes: PH 10-8-8-5-0 (3C400.2) -> PH 8-6-6-5-0 (PSR1929+10)

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
19.90/23.40	19.90/23.50	−4.51/4.75	−4.68/4.76	4.82/8.74	4.82/8.17

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
10/16 23:30	3C400.2 P3	4	(294.1733 , 17.2289)	(294.4564 , 72.6374 , 177.9142)
10/17 6:00	3C400.2 P4	5	(294.1733 , 17.0622)	(294.4561 , 72.8061 , 178.0911)
10/17 12:20	PSR1929+10	6	(293.0541 , 10.9919)	(293.2355 , 78.9016 , 192.3442)