「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 11 月 26 日　Y+ 643/644　KSC 当番: S.Ueno 、 Y.Ohno

Cyg X-1 #4/#5

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	941125–1341	941125–1444	941125–1548	941126–0103	941126–0206
Operation	XREP SBR-A RNG OP/OG-07 WRT TCU MEM MODE BC(03-60,FF,1B) BC(03-6A,FF,0F,FF) CPU 2/3 STP CPU 2/3 RST GIS MEM MODE BC(03-6A,FF,00,64) BC(03-60,F0,00) BC(03-60,0F,AA) ACS ERR RST OP START RNG OFF	X REP SCT-04 WRT S-CTLG CHK OBS MODE BDR STOP XREP BDR STOP	XREP BDR STOP XREP BDR STOP	XREP SBR-A RNG RNG OFF	XREP
Target	Cyg X-1 #4	Cyg X-1 #4	Cyg X-1 #4	Cyg X-1 #4	Cyg X-1 #4
AOS(UT)	20:12:10	21:53:35	23:35:17	01:17:08	02:59:35
LOS(UT)	20:25:22	22:06:59	23:48:40	01:29:59	03:10:11
Max-El	34.091	78.138	Zenith	44.942	14.197
Time	20:18:21	21:59:46	———	01:22:57	03:04:05
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)
Rep-start	20:13:08	21:54:38/22:00:10	23:36:12/23:42:04	01:17:46	03:00:22
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	11.18, 354.08	11.21, 353.70	11.25, 353.33	11.30, 353.26	11.36, 352.87
Attitude	$\begin{bmatrix} 300.075 \\ 54.585 \\ 214.251 \end{bmatrix}$	$\begin{bmatrix} 300.074 \\ 54.585 \\ 214.253 \end{bmatrix}$	$\begin{bmatrix} 300.074 \\ 54.584 \\ 214.253 \end{bmatrix}$	$\begin{bmatrix} 300.074 \\ 54.584 \\ 214.253 \end{bmatrix}$	$\begin{bmatrix} 300.074 \\ 54.585 \\ 214.253 \end{bmatrix}$
OP-start(CE)	20:22:22 (00h)	Cont (08h)	Cont (10h)	Cont (19h)	Cont (22h)
GIS HAM ERR	Normal	Normal	Normal	Normal	Normal
ACS ERR	(SH)MOMCHG	———	———	———	———
SIS-mode	Faint/Faint 0000/2222 0123/0123 0000/2222	Faint/Faint 0000/2222	Faint/Faint 0000/2222	Faint/Faint 0000/2222	Faint/Faint 0000/2222
S0/1-TECT	−43.80/−43.80	−43.85/−43.85	−44.14/−44.19	−44.38/−44.44	−44.63/−44.58
S0/1-CCDT	−61.67/−61.77	−61.67/−61.81	−61.67/−61.81	−61.67/−61.81	−61.67/−61.81
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	18cps/18cps	99cps/151cps	90cps/107cps	78cps/115cps	107cps/144cps

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	13.6	13.6	396.76	183.59	2168
Pass: 941125-1341							3/4	40	159	218	7.6		422.08	180.95	1717

GIS Mode Changes: None

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
20.00/23.50	20.00/23.50	−4.47/4.75	−4.68/4.76	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
11/26 04:00	Cyg X-1 #5	5	(299.590 , 35.202)	(299.594 , 54.684 , 215.152)

Comment: 本日の運用:

We observed Cyg X-1 pos#4(ASCA team). The SIS count is 14 cts/s/sensor with CygX-1 position at a

corner of the chip. 1pass 目のブロックコマンド 5 つは、上から、4ccd 読みだしへ、event 閾値 4095 へ、event 閾値 100 へ、S0 の 1CCD 読みだしへ、S0 の 1CCD 読みだしへ、です。長ーい、MT Save が終った。コンソールをみると途中までしかセーブできていなかった。記録密度が 1600bpi になっていた。6250bpi にしてやりなおしだ（上野）。今日は 4 時起きでした。明日は 2 時半起きになるでしょう。ほぼ半分の日程を消化しました。まだまだか？ (大野)。