「あすか」 OPERATION REPORT Ver.1.5

93 年 8 月 26 日　Y+ 187　KSC 当番: 廿日出 、 鎌土、小賀坂

GRO J0422+32/Oph Center/Oph No.1/Rapid Burster

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	930826–0308	930826–0411	930826–0514	930826–0618	930826–0721
Operation	X-REP RNG OP-OG-WRT ROG-47,48,49 OP-STRT	X-REP SCT-WRT OBS-MODE	X-REP HAM-ERR-RST BDR-STOP X-REP BDR-STOP	X-REP RNG ACS-MODE IRUSB-OF-ENA S2-GYRO-OFF IRUSB-OF-DIS OBS-MODE	X-REP
Target	GROJ0422+32	GROJ0422+32	GROJ0422+32	GROJ0422+32	Oph Center
AOS(UT) LOS(UT)	03:36:00 03:47:58	05:17:39 05:29:36	06:59:21 07:11:22	08:41:12 08:52:47	10:23:23 10:33:07
Max-El Time	28.925 03:41:53	73.509 05:23:20	Zenith —	45.015 08:46:31	13.96 10:27:46
Rep-band(stat.) Rep-start	X (Completed) 03:37:30	X (Completed) 05:18:32	X (Completed) 07:00:22/07:05:35	X (Completed) 08:41:52	X (Completed) 10:24:14
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS/ACS/OBS	OBS
ACS-mode ACS-spn/θ_s	Normal–Pointing 6.02°	Normal–Pointing 5.94°	Normal-Pointing 5.89°	Normal–Pointing 5.81°	Normal–Pointing 16.55°
Attitude	$\begin{bmatrix} 65.237 \\ 57.170 \\ 8.516 \end{bmatrix}$	$\begin{bmatrix} 65.237 \\ 57.169 \\ 8.517 \end{bmatrix}$	$\begin{bmatrix} 65.237 \\ 57.170 \\ 8.517 \end{bmatrix}$	$\begin{bmatrix} 65.237 \\ 57.169 \\ 8.514 \end{bmatrix}$	$\begin{bmatrix} 258.307 \\ 113.237 \\ 179.487 \end{bmatrix}$
OP-start(CE)	03:45:02 (00h)	Cont (09h)	Cont (12h)	Cont (1Ah)	Cont (29h)
SIS-mode	Faint/Faint 1CCD	Faint/Faint 1CCD	Faint/Faint 1CCD	Faint/Faint 1CCD	Bright/Bright 4CCD
S0/1-TECT	−41.38/−41.42	−41.14/−41.23	−40.31/−40.40	−39.00/−39.04	−37.45/−37.73
S0/1-CCDT	−61.71/−61.81	−61.71/−61.81	−61.71/−61.81	−61.71/−61.81	−61.71/−61.81
GIS-mode GIS LD Hit	PH 24cps/28cps	PH 28cps/27cps	PH 28cps/28cps	PH 27cps/25cps	PH 29cps/34cps

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	–	3/4	48	159	218	10.9	10.9	410.90	183.69	1724
Pass: S9308260308			3/4	40	159	218	5.5		430.38	181.77	1657

GIS Mode Changes: 10-8-8-5-0-0 => 8-6-6-0-0-10(Rapid Burster)

Condition Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B	Charge/Discharge
20.20/23.40	20.20/23.40	−4.29/4.73	−4.34/4.76	4.82/8.74	4.82/8.46	1.035262/1.054991

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/26 16:50	Oph Cl. No.1	1	(258.359 , -23.368)	(258.634 , 113.237 , 179.604)
08/26 23:12	Rapid Burster	2	(263.350 , -33.388)	(263.552 , 123.335 , -178..818)
			(,)	(, ,)

Comment: 本日の運用:
We observed GROJ0422+32, whose optical luminosity increased recently (IAUC 5842). The countrates for

SIS and GIS were ∼0.8 counts/s and ∼0.7 counts/s, respectively.
今日は内之浦のお祭りのようで、花火の音が聞こえてくる。はやく仕事をおえて見に行きたいけど、きっと仕事がすんだころにはもう終っているんだろうなー。（廿日出）
大きな失敗をすることもなく、２週間過ぎました。明日は移動日です。（鎌土）
うんようってつかれる。今日も飲むぞ！（小賀坂）