

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 11 月 13 日 Y+ 631 KSC 当番: N.Yamasaki、M.Sugizaki

MS 0839.8+2938/3C219/NGC3310/A2390

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5						
Pass No.	941113-0204		941113-0308		941113-0411		941113-0514		941113-0618						
Operation	X REP OP/OG-13 WRT TCU MEM MODE S-CTLG-04 WRT S-CTLG CHK OBSERVE MODE ERRCODE RST OP START		X REP RNG A S-CTLG-05 WRT S-CTLG CHK OBSERVE MODE RNG OFF		X REP ERRCODE RST BDR STOP X REP BDR STOP		X REP RNG A CPU2/3 STOP CPU 2/3 RST GIS MEM MOD RNG OFF		X REP						
Target	MS 0839.8+2938		3C219		3C219		3C219		3C219						
AOS(UT)	01:53:10		03:35:00		05:16:06		06:58:10		08:39:40						
LOS(UT)	02:05:43		03:47:32		05:28:58		07:10:18		08:50:51						
Max-El	23.118		62.726		Zenith		57.662		19.153						
Time	01:59:20		03:40:39		——		07:03:42		08:44:51						
Rep-band(stat.)	X (Complete)		X (Complete)		X (Complete)		X (Complete)		X (Complete)						
Rep-start	01:54:32		03:35:43		05:17:11/05:22:52		06:58:47		08:40:49						
DP-mode	OBS/ACS/OBS		OBS/ACS/OBS		OBS		OBS		OBS						
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing						
ACS-spn/ $\theta_s \phi_s$	14.99,180.45		11.36,179.56		11.41,179.82		11.48,179.95		11.54,180.21						
Attitude	$\begin{bmatrix} 130.500 \\ 60.566 \\ 347.488 \end{bmatrix}$		$\begin{bmatrix} 139.991 \\ 44.368 \\ 346.011 \end{bmatrix}$		$\begin{bmatrix} 139.991 \\ 44.368 \\ 346.012 \end{bmatrix}$		$\begin{bmatrix} 139.991 \\ 44.368 \\ 346.012 \end{bmatrix}$		$\begin{bmatrix} 139.991 \\ 44.368 \\ 346.012 \end{bmatrix}$						
OP-start(CE)	02:02:32 (00h)		Cont (0Fh)		Cont (19h)		Cont (21h)		Cont (29h)						
GIS HAM ERR	Normal		Normal		Normal		Normal		Normal						
ACS ERR	(SH)MONCHG		——		(SH)MONCHG		——		——						
SIS-mode	Faint/Faint 0123/0123		Faint/Faint 0101/2323		Faint/Faint 0101/2323		Faint/Faint 0101/2323		Faint/Faint 0101/2323						
S0/1-TECT	-36.38/-36.51		-36.19/-36.08		-35.99/-36.08		-35.32/-35.3		-34.68/-34.67						
S0/1-CCDT	-61.62/-61.25		-61.62/-61.34		-61.62/-61.53		-61.62/-61.62		-61.57/-61.53						
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	27cps/29cps		29cps/24cps		30cps/33cps		27cps/30cps		24cps/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	19.6	19.6	376.88	184.37	817
Pass: 941113-0204							3/4	40	159	218	13.6		400.16	179.95	786
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
20.20/23.50	20.20/23.50	-4.08/4.75	-4.17/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
11/13 02:20	3C219	4	(140.2858 , 45.6493)	(139.9930 , 40.3683 , 346.0087)
11/13 13:30	NGC 3310	5	(159.6920 , 53.5020)	(159.3492 , 36.4722 , 333.9041)
11/13 18:48	A2390	6	(328.405 , 17.689)	(328.5842 , 72.1967 , 194.7531)

Comment: 本日の運用:

We are observing MS0839.8+2938(PI:T. Tsuru,JPN) and 3C219(PI:R. Cohen,US). The count rates of MS0839.8+2938 are 0.06 c/s/GIS and 0.12 c/s/SIS. Those of 3C219 are 0.06c/s/GIS and 0.05c/s/SIS.

平和です。(山崎) こんな天気の良い日曜日に、平穏な運用ほどつらいものはないですねえ。(杉崎)

と思った矢先、風呂場の電球が両方きれ、猫が A400 の部屋に迷いこみ、我々はそのすべてにロウソクで対処しました。このことは「藤原嬢のロウソク風呂」として語り継ぐべきでもあります、と同時にマッチの添えられていないロウソクの無能ぶりも明らかにしました。KSC の停電対策として懐中電灯が絶対に必要です！