「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 7 月 27 日 Y+ 522 KSC 当番: S.Kitamoto 、 K.Matsuzaki

MCG-6-30-15 / Cas A

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940727–0516	940727–0619	940727–0723	940727–0826	940727–0929
Operation	Transfer to Yohkoh	X REP RNG OP/OG WRT/CHK S-CTLG WRT/CHK OBS MODE ACS ERROR CODE RESET OPSTART RNG OFF	X REP CPU 2/3 STOP CPU 2/3 RST GIS MEM MODE BDR STOP X REP BDR STOP	X REP RNG S-CTLG WRT S-CTLG CHK OBS MODE RNG OFF	X REP
Target		MCG-6-30-15	Cas A	Cas A	Cas A
AOS(UT) LOS(UT)		09:20:49 09:33:38	11:02:35 11:15:05	12:44:25 12:56:20	14:26:41 14:36:51
Max-El Time		75.751 09:26:52	Zenith —	43.730 12:49:56	12.918 14:30:59
Rep-band(stat.) Rep-start	( )	X (Complete) 09:21:45	X (Complete) 11:03:30/11:9:14	X (Complete) 12:45:20	X (Complete) 14:27:33
DP-mode		OBS/ACS/OBS	OBS	OBS/ACS/OBS	OBS
ACS-mode ACS-spn/θ_s ϕ_s Attitude	$\begin{bmatrix} \\ \\ \end{bmatrix}$	Normal–Pointing 1.90, 120.00 $\begin{bmatrix} 204.22187 \\ 124.30406 \\ 158.88062 \end{bmatrix}$	Normal–Pointing 5.90, 132.10 $\begin{bmatrix} 350.77644 \\ 31.43321 \\ 52.95911 \end{bmatrix}$	Normal–Pointing 5.95, 133.63 $\begin{bmatrix} 350.77686 \\ 31.43186 \\ 52.96093 \end{bmatrix}$	Normal–Pointing night $\begin{bmatrix} 350.77369 \\ 31.43237 \\ 52.96471 \end{bmatrix}$
OP-start(CE)	( )	09:30:58 (00h)	Cont (10h)	Cont (20h)	Cont (28h)
GIS HAM ERR		NORMAL	NORMAL	NORMAL	NORMAL
ACS ERR		ERROR(MOMCHG)	—	—	—
SIS-mode S0/1-TECT S0/1-CCDT		Faint/Faint 1111/3333 −39.53/−39.43 −61.67/−61.81	Faint/Faint 1111/3333 −39.10/−38.90 −61.67/−61.81	Faint/Faint 1111/3333 −38.76/−38.70 −61.67/−61.77	Faint/Faint 1111/3333 −39.61/−38.51 −61.67/−61.77
GIS-mode GIS LD Hit		PH(10–8–8–5–0) 30cps/27cps	PH(10–8–8–5–0) 70cps/53cps	PH(10–8–8–5–0) 84cps/83cps	PH(10–8–8–5–0) 80cps/92cps

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	NONE	3/4	48	159	218	12.5	13.1	400.93	183.76	2011
Pass: 9407270619							3/4	40	159	218	7.1		423.53	181.28	1900

GIS Mode Changes: 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
20.00/23.40	20.00/23.50	−4.16/4.73	−4.25/4.76	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
07/27 10:44	Cas A C1(0)	4	(350.8542 , 58.8144)	(350.7786 , 31.4301 , 52.9612)
07/27 20:00	Cas A C3(V)	5	(350.8542 , 58.8144)	(350.6714 , 31.6134 , 53.0527)
07/27 22:35	Cas A C0(h)	6	(350.8542 , 58.8144)	(350.4898 , 31.4398 , 53.2083)
07/28 01:00	Cas A C0(0)	1	(350.8542 , 58.8144)	(350.6404 , 31.4398 , 53.0794)
07/28 03:35	Cas A C0(V)	2	(350.8542 , 58.8144)	(350.5464 , 31.5602 , 53.1596)

Comment: 本日の運用:
We looked at beatiful images and spectra of Cas A, which might be a present for today's complex operation.
今日も運用は全く複雑で大変でした。宇宙研の当番はもっと大変だったでしょう。それでもきれいな Cas A のイメージとスペクトルが取れました。明日も大変みたいですねー。（北本）
北本さんにコーヒーを入れて頂いた。どうやらこれは前任者から引き継いだ上位ビットの仕事らしい (???)。感謝、感謝。(松崎)