「あすか」 OPERATION REPORT Ver.1.5

93 年 7 月 9 日 Y+ 139 KSC 当番: 伊藤 、 岩澤, 上野

Pup A #6/MCG 6-30-15

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	930709–0205	930709–0308	930709–0412	930709–0515	930709–0619
Operation	X-REP OP-OG-WRT TCU-MODE ROG-SET OP-STRT	X-REP RNG SCT-WRT OBS-MOD	X-REP BDR-STOP X-REP BDR-STOP	X-REP RNG ADDIS-OFF	X-REP
Target	Pup A	Pup A	Pup A	MCG-6-30-15	MCG-6-30-15
AOS(UT) LOS(UT)	02:16:36 02:28:41	03:58:30 04:11:06	05:39:22 05:52:46	07:21:34 07:34:56	09:03:08 09:15:58
Max-El Time	17.029 02:22:37	52.591 04:03:53	Zenith —	69.979 07:27:19	28.053 09:08:50
Rep-band(stat.) Rep-start	X (Completed) 02:18:12	X (Completed) 03:59:04	X (Interrupted) 05:40:25/05:46:08	X (Completed) 07:22:08	X (Completed) 09:04:02
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s Attitude	Normal–Pointing 22.65° $\begin{bmatrix} 126.318 \\ 133.213 \\ 110.180 \end{bmatrix}$	Normal–Pointing 22.68° $\begin{bmatrix} 126.318 \\ 133.213 \\ 110.179 \end{bmatrix}$	Normal-Pointing 22.71° $\begin{bmatrix} 126.319 \\ 133.213 \\ 110.180 \end{bmatrix}$	Normal–Pointing 17.06° $\begin{bmatrix} 204.178 \\ 124.301 \\ 160.053 \end{bmatrix}$	Normal–Pointing 17.01° $\begin{bmatrix} 204.177 \\ 124.300 \\ 160.052 \end{bmatrix}$
OP-start(CE)	02:25:16 (00h)	Cont (08h)	Cont (0Fh)	Cont (1Fh)	Cont (28h)
SIS-mode	Faint/Faint 1CCD	Bright/Bright 4CCD	Bright/Bright 4CCD	Faint/Faint 2CCD	Faint/Faint 2CCD
S0/1-TECT	−42.25/−42.01	−42.40/−42.15	−42.11/−42.64	−41.47/−41.37	−39.68/−39.72
S0/1-CCDT	−61.71/−61.81	−61.71/−61.86	−61.71/−61.81	−61.71/−61.86	−61.71/−61.81
GIS-mode	PH	PH	PH	PH	PH
GIS LD Hit	60cps/60cps	66cps/66cps	68cps/69cps	28cps/28cps	27cps/27cps

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	9.8	9.2	420.70	184.11	4804
Pass: s9307090205							3/4	40	159	218	4.4		435.67	182.06	1420

GIS Mode Changes: no change

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	−4.21/4.73 ls	−4.30/4.76	4.82/8.74	4.82/8.46	24.4497/24.9111

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
7/9 06:00	MCG 6-30-15	6	(203.9622 , −34.2915)	(−155.8223 , 124.3015 , 160.0521)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本日の運用: A function is installed in the command generation software at ISAS that automatically turns on the SIS address discriminator for S-0 when the telescope FOV is within 25 degrees from the bright earth. This is to prevent the optical light leakage to fill up the telemetry, and expected to extend the "good" time interval. 固定 OG で、OG-71: エリア初期化、OG-72:S0C2 エリア設定、OG-73:S0C3 エリア設定。PASS 1 の ROG SET はアドレスディスクリ設定。QL soft の SIS アドレスディスクリ設定の表示に誤りがあります。できたら修正してもらったらどうでしょうか。(Itoh) A GIS Count rate of Pup A is ~40 cts/s/sensor

at position 6. A SIS Count rate of MCG 6-30-15 is ~0.7 cts/s/sensor. (Ueno)
上野君は髪型同様、当番の仕事に気合いが入ってます。(Iwasawa)