

「あすか」 OPERATION REPORT Ver.1.5

93 年 7 月 10 日 Y+ 140 KSC 当番: 伊藤、岩澤, 上野

MCG 6-30-15/Moon

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5						
Pass No.	930710-0205		930710-0308		930710-0412		930710-0515		930710-0619						
Operation	X-REP OP-OG-WRT TCU-MODE ROG-SET OP-STRT		X-REP RNG SCT-WRT OBS-MOD D0-ADRS-OF		X-REP D0-ADRS-OF BDR-STOP X-REP BDR-STOP		X-REP RNG SCT-WRT OBS-MOD		X-REP						
Target	MCG 6-30-15		MCG 6-30-15		MCG 6-30-15		Moon		Moon						
AOS(UT)	02:15:44		03:57:44		05:38:46		07:20:52		09:02:19						
LOS(UT)	02:28:03		04:10:08		05:51:54		07:33:47		09:14:28						
Max-El	23.816		65.856		Zenith		57.010		20.384						
Time	02:21:46		04:03:09		—		07:26:35		09:07:59						
Rep-band(stat.)	X (Completed)		X (Completed)		X (Interrupted)		X (Completed)		X (Completed)						
Rep-start	02:17:25		03:58:27		05:39:43/05:45:23		07:21:25		09:03:35						
DP-mode	OBS/TCU/OBS		OBS/ACS/OBS		OBS		OBS		OBS						
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing						
ACS-spn/ θ_s	16.36°		16.28°		16.22°		17.00°		16.89°						
Attitude	$\begin{bmatrix} 204.178 \\ 124.301 \\ 160.052 \end{bmatrix}$		$\begin{bmatrix} 204.178 \\ 124.301 \\ 160.052 \end{bmatrix}$		$\begin{bmatrix} 204.177 \\ 124.301 \\ 160.052 \end{bmatrix}$		$\begin{bmatrix} 359.109 \\ 85.027 \\ 25.077 \end{bmatrix}$		$\begin{bmatrix} 359.110 \\ 85.027 \\ 25.071 \end{bmatrix}$						
OP-start(CE)	02:25:01 (00h)		Cont (0Ah)		Cont (12h)		Cont (20h)		Cont (29h)						
SIS-mode	Faint/Faint 2CCD		Faint/Faint 2CCD		Faint/Faint 2CCD		Faint/Faint 4CCD		Faint/Faint 4CCD						
S0/1-TECT	-37.21/-37.19		-37.30/-37.94		-36.82/-36.71		-35.75/-35.74		-34.39/-34.47						
S0/1-CCDT	-61.67/-61.34		-61.67/-61.53		-61.67/-61.62		-61.67/-61.53		-61.67/-61.62						
GIS-mode	PH		PH		PH		PH		PH						
GIS LD Hit	25cps/25cps		25cps/27cps		32cps/31cps		31cps/32cps		23cps/25cps						
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	15.8	15.8	402.75	184.02	1640
Pass: s9307100205							3/4	40	159	218	10.9		412.83	181.12	1491
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
20.30/23.40	20.30/23.40	-4.16/4.75	-4.17/4.78	4.82/8.74	4.82/8.46	21.3542/22.0738

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
7/10 07:00	Moon pos1	1	(359.109 , 4.974)	(-0.890 , 85.0264 , 25.072)
7/10 12:05	Moon pos2	2	(0.826 , 5.875)	(0.826 , 84.124 , 24.950)
7/10 15:20	Moon pos3	3	(2.426 , 6.523)	(2.425 , 83.477 , 24.764)

Comment: 本日の運用: A GIS Count rate of MCG 6-30-15 is ~0.8 cts/s/sensor. A SIS Count rate of MCG 6-30-15 is ~1.0 cts/s/sensor. Spectrum is very soft (PL index ~ 2 in GIS). Seems to have some structures.(Ueno)
Started to track the moon for two days. (M. Itoh) — 以下 Maneuver Operation の続き

7/10 18:30	Moon pos4	4	(4.024, 7.176)	(4.024, 82.823, 24.568)
7/10 21:55	Moon pos5	5	(5.424, 7.625)	(5.423, 82.375, 24.365)
7/11 00:55	Moon pos6	6	(5.875, 7.578)	(5.875, 82.422, 24.272)