

以下 Maneuver Operation の続き

7/11 07:15	Moon pos10	4	(9.061, 8.952)	(8.883, 81.271, 23.832)
7/11 08:55	Moon pos11	5	(11.171, 9.824)	(10.991, 80.398, 23.493)
7/11 12:10	QSF-3	6	(55.435, -44.119)	(55.283, 134.381, 39.660)
7/12 13:50	NGC1313	1	(49.564, -66.497)	(49.373, 156.743, 43.249)

「あすか」 OPERATION REPORT Ver.1.5

93 年 7 月 11 日 Y+ 141 KSC 当番: 伊藤、上野

Moon/QSF-3/NGC1313

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5						
Pass No.	930711-0205		930711-0308		930711-0412		930711-0515		930711-0619						
Operation	X-REP RNG OP-OG-WRT TCU-MODE SCT-WRT OBS-MODE ER-COD-RST HAM-ERR-RST OP-STRT		X-REP SCT-WRT OBS-MOD D0-ADRS-ON		X-REP BDR-STOP X-REP BDR-STOP ER-COD-RST		X-REP RNG ST-CAL-ENA SCT-WRT OBS-MOD		X-REP						
Target	Moon		Moon		Moon		Moon		Moon						
AOS(UT)	02:15:03		03:56:34		05:38:28		07:20:13		09:02:24						
LOS(UT)	02:27:31		04:09:18		05:51:11		07:32:54		09:13:14						
Max-El Time	32.481 02:20:57		77.734 04:02:26		Zenith —		44.184 07:25:49		14.220 09:07:06						
Rep-band(stat.)	X (Completed)		X (Completed)		X (Interrupted)		X (Completed)		X (Completed)						
Rep-start	02:16:19		03:57:25		05:39:13/05:44:51		07:20:43		09:03:05						
DP-mode	OBS/TCU/OBS		OBS/ACS/OBS		OBS		OBS/ACS/OBS		OBS						
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing						
ACS-spn/ θ_s	10.35°		9.63°		8.86°		7.34°		5.15°						
Attitude	$\begin{bmatrix} 5.875 \\ 82.422 \\ 24.272 \end{bmatrix}$		$\begin{bmatrix} 6.613 \\ 82.122 \\ 24.169 \end{bmatrix}$		$\begin{bmatrix} 7.381 \\ 81.816 \\ 24.062 \end{bmatrix}$		$\begin{bmatrix} 8.880 \\ 81.273 \\ 23.831 \end{bmatrix}$		$\begin{bmatrix} 10.990 \\ 80.398 \\ 23.494 \end{bmatrix}$						
OP-start(CE)	02:24:31 (00h)		Cont (0Fh)		Cont (1Dh)		Cont (2Fh)		Cont (3Eh)						
SIS-mode	Faint/Faint 4CCD		Faint/Faint 4CCD		Faint/Faint 4CCD		Faint/Faint 4CCD		Faint/Faint 4CCD						
S0/1-TECT	-36.77/-36.85		-36.77/-36.85		-36.24/-36.27		-35.27/-35.35		-33.91/-34.04						
S0/1-CCDT	-61.38/-60.97		-61.67/-61.30		-61.67/-61.53		-61.67/-61.53		-61.57/-61.30						
GIS-mode	PH		PH		PH		PH		PH						
GIS LD Hit	25cps/27cps		25cps/24cps		29cps/28cps		28cps/28cps		23cps/23cps						
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	15.3	15.2	399.31	183.90	2187
Pass: s9307110205							3/4	40	159	218	9.8		417.11	181.11	2039
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	-4.16/4.75	-4.21/4.76	4.82/8.74	4.82/8.46	0.98616/1.00240

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
7/11 02:35	Moon pos7	1	(6.790 , 8.102)	(6.613 , 82.122 , 24.169)
7/11 04:15	Moon pos8	2	(7.559 , 8.407)	(7.382 , 81.816 , 24.064)
7/11 05:55	Moon pos9	3	(8.300 , 8.631)	(8.122 , 81.592 , 23.943)

Comment: 本日の運用: Observed GIS Count rate of the Moon is ~ 0.2 cts/s/sensor. SIS data during the moon observation seem to be telemetry saturated probably because of the optical light leakage. Pass 1 と Pass 3 で、ACS ERROR CODE (SH)MOMCHG がでたので、reset。 (Ueno, Itoh)