「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) LOS(UT)	02:15:03 02:27:31	03:56:34 04:09:18	05:38:28 05:51:11	07:20:13 07:32:54	09:02:24 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.) Rep-start	X (Completed) 02:16:19	X (Completed) 03:57:25	X (Interrupted) 05:39:13/05:44:51	X (Completed) 07:20:43	X (Completed) 09:03:05
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS/ACS/OBS	OBS
ACS-mode ACS-spn/θ_s	Normal–Pointing 10.35°	Normal–Pointing 9.63°	Normal-Pointing 8.86°	Normal–Pointing 7.34°	Normal–Pointing 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)

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)