「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 6 月 28~29 日　Y+ 493~494　KSC 当番: Y.Ikebe 、 Y.Terashima

LSS-B-8→LSS-B-9→LSS-D-9→LSS-D-8→LSS-D-7

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940628–1342	940628–1445	940629–0001	940629–0104	940629–0207
Operation	X REP OP/OG-09 RAM TCU MEM DE0-AD-ON ACS-ERR-RST OP STRT	X REP SBR-A RNG STAR-03 RAM S-CTLG CHK OBSERVE MODE CPU2/3 STP CPU2/3 RST RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR-A RNG CPU2/3 STP CPU2/3 RST GIS MEM MODE DE0 AD OFF RNG OFF	X REP DE0 AD OFF
Target	LSS-B-8	LSS-B-8	LSS-B-8	LSS-B-9	LSS-B-9
AOS(UT) LOS(UT)	20:39:42 20:52:06	22:21:23 22:34:26	00:02:33 00:15:46	01:44:27 01:57:13	03:26:06 03:38:18
Max-El Time	17.793 20:45:50	52.330 22:27:03	Zenith —	71.658 01:50:20	28.296 03:31:43
Rep-band(stat.) Rep-start	X (Completed) 20:41:45	X (Completed) 22:22:20	X (Completed) 00:03:25/00:09:27	X (Completed) 01:46:01	X (Completed) 03:27:18
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s ϕ_s	Normal–Pointing 5.36°, 306.91°	Normal–Pointing 5.42°, 306.80°	Normal–Pointing 5.49°, 306.91°	Normal–Pointing 5.53°, 306.59°	Normal–Pointing 5.59°, 306.86°
Attitude	$\begin{bmatrix} 199.058 \\ 58.302 \\ 149.935 \end{bmatrix}$	$\begin{bmatrix} 199.058 \\ 58.302 \\ 149.934 \end{bmatrix}$	$\begin{bmatrix} 199.058 \\ 58.302 \\ 149.934 \end{bmatrix}$	$\begin{bmatrix} 199.257 \\ 58.011 \\ 149.831 \end{bmatrix}$	$\begin{bmatrix} 199.257 \\ 58.011 \\ 149.832 \end{bmatrix}$
OP-start(CE)	20:48:51 (00h)	Cont (0Ah)	Cont (14h)	Cont (23h)	Cont (2Ch)
GIS HAM ERR	NORM	ERR	NORM	NORM	NORM
ACS ERR	(SH)MOMCHG	—	–	—	–
SIS-mode	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301
S0/1-TECT	−36.58/−36.56	−37.35/−37.34	−38.03/−37.92	−38.61/−38.46	−38.61/−38.56
S0/1-CCDT	−61.34/−60.97	−61.67/−61.30	−61.67/−61.67	−61.67/−61.77	−61.67/−61.77
GIS-mode	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(10-8-8-5-0)
GIS LD Hit	21cps/21cps	26cps/28cps	30cps/26cps	25cps/28cps	25cps/24cps

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	12.5	399.77	183.71	3835
Pass: 9406281342							3/4	40	159	218	7.1		423.90	181.25	3596

GIS Mode Changes: 10-8-8-5-0-0

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	−4.08/4.73	−4.38/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
06/29 00:48	LSS-B9	4	(198.919 , 32.000)	(199.2541 , 58.0115 , 149.8330)
06/29 05:35	LSS-D9	5	(198.383 , 31.877)	(198.7175 , 58.1333 , 150.1149)
06/29 10:50	LSS-D8	6	(198.138 , 31.612)	(198.5226 , 58.4224 , 150.2145)
06/29 20:46	LSS-D7	1	(197.945 , 31.322)	(198.3288 , 58.7118 , 150.3126)

Comment: 本日の運用:

In the image of the LSSB8 field taken with GIS, there are a few sources can be seen. But it's difficult to find them in the SIS image. LSSB9 field has a relatively bright source at the center of the FOV. It was clearly detected with both GIS and SIS detectors.

We have had a mistake in the yesterday's operation report. The **CalPk** for S2 was not 491.19. The correct value of the peak pulse height of the calibration isotope on the GIS sensor 2 was **391.19**.

Kotani-san has arrived at KSC. Tomorrow I will be able to close my duty which has lasted for 2 weeks.