

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 08 月 08 日 Y+ 1265 KSC 当番: M. Itoh and Y. Tsuboi

HCG16 → A2034

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	960808-0205	960808-0308	960808-0411	960808-0515	960808-0618												
Operation	X-REP OP/OG-02 WRT TCU-MEM BAT-A-TCL-ON BAT-B-TCL-ON OP-START	X-REP SBR-A-RNG BAT-A-TCL-ON BAT-B-TCL-ON STAR-03 WRT S-CTLG-CHK OBSERVE RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF												
Target	HCG16	HCG16	HCG16	HCG16	HCG16												
AOS(UT)	02:00:15	03:40:24	05:21:48	07:03:21	08:44:58												
LOS(UT)	02:10:45	03:53:12	05:34:58	07:16:23	08:57:41												
Max-El	10.285°	37.336°	Zenith	Zenith	39.809°												
Time	02:05:29	03:46:24	—	—	08:50:40												
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)												
Rep-start	02:01:37	03:41:46	05:22:42/05:28:14	07:04:08/07:09:50	08:45:42												
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS/GIS/OBS												
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	18.86°/196.66°	18.91°/196.54°	18.95°/196.43°	19.01°/196.29°	19.08°/196.15°												
Attitude	$\begin{bmatrix} 32.21757^\circ \\ 100.22451^\circ \\ 8.06088^\circ \end{bmatrix}$	$\begin{bmatrix} 32.21763^\circ \\ 100.22452^\circ \\ 8.06086^\circ \end{bmatrix}$	$\begin{bmatrix} 32.21768^\circ \\ 100.22456^\circ \\ 8.06106^\circ \end{bmatrix}$	$\begin{bmatrix} 32.21802^\circ \\ 100.22446^\circ \\ 8.06041^\circ \end{bmatrix}$	$\begin{bmatrix} 32.21830^\circ \\ 100.22446^\circ \\ 8.06017^\circ \end{bmatrix}$												
OP-start(CE)	02:07:01 (00h)	Cont (08h)	Cont (13h)	Cont (1Eh)	Cont (28h)												
GIS HAM ERR	—	—	—	—	—												
ACS ERR	—	—	(SH)MONCHG → Reset	—	—												
SIS-mode	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333												
S0/1-TECT	−34.78/−34.86°C	−34.93/−35.01°C	−34.54/−34.62°C	−33.71/−33.79°C	−32.60/−32.67°C												
S0/1-CCDT	−60.07/−59.66°C	−60.35/−59.98°C	−60.59/−60.26°C	−60.68/−60.31°C	−60.40/−60.08°C												
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	28/26 cps	26/26 cps	27/31 cps	26/28	28/25 cps												
P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	CalCnt	CalTim	RT	Pk
10	8	8	5	0	FLF	GErr	3/4	48	159	218	17.5	18.0	376.66	764	8522	184.18	
Pass: 960808-0205							3/4	40	159	218	12.5		397.07	694	8522	179.87	

SIS Mode Changes: Faint(bit-H,M) 1111/3333, ADR Off LVL Off for HCG16
Faint(bit-H,M) 1212/3030, ADR On/Off LVL On(M-bit)/Off(H-bit) for A2034

GIS Mode Changes: PH 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
19.20/23.30	19.30/23.30	-4.34/4.75	-4.47/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/08 11:39	STEP PNT	4	(30.00 , 60.00)	(29.6536 , 30.2201 , 24.2536)
08/08 12:00	A2034	5	(227.5500 , 33.5170)	(227.7943 , 56.4613 , 167.0617)

Comment: 本日の運用: Second day of the observation of HCG16(PI=Y. Fukazawa: JPN). Several peaks were detected as reported yesterday. The count rates were 0.02 c/s for SIS (background included; entire chip), and 0.007 for the brightest peak in the GIS (background roughly subtracted). BAT-A/B TRICLE ON のコマンドが時刻指定付きで real に入ります場合があります。MS からのコマンドは、一時刻には一コマンドしか送信でないの、二つが同時刻になっていると、二番目のコマンドは無視されるそうです。コマンド作成にあたって、5 秒程度時刻をずらしていただくようお願いします。(伊藤)
今日はようこうの M 1 二人を卓球で打ちまかして少し気分がいい。(あいかわらず、ようこうは M 1 だけでやっている。) 銀河連邦の森に行ってみた。草が生い茂る中、蜘蛛の巣をかきわけて進むと、先日台風のためか、大木が何本も倒れていた。凄まじい破壊力である。今も台風が鹿児島島のちょっと南でうろろと停滞しているが、来ないでほしい。きじを発見した。(坪井)