「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 09 月 10 日　Y+ 1298　KSC 当番:

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LB=0_75 → LB=0_100 → LB=0_50

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	960910–0721	960910–0824	960910–0928		960910–1134
Operation	X-REP OP/OG-11 WRT TCU-MEM ACS-ERR-RST OP-START	X-REP SBR-A-RNG STAR-02 WRT S-CTLG-CHK OBSERVE ACS-ERR-RST RNG-OFF	X-REP ROG-59h ROG-5Ah BDR-STOP X-REP BDR-STOP	(YOHKOH)	X-REP ROG-57h ROG-58h SBR-A-RNG CPU2/3-STOP GIS-MEM RNG-OFF
Target	LB=0_75	LB=0_75	LB=0_75		LB=0_75
AOS(UT)	10:08:40	11:49:20	13:30:36		16:54:28
LOS(UT)	10:20:56	12:02:51	13:44:32		17:06:39
Max-El	16.90°	51.62°	Zenith		28.895°
Time	10:14:47	11:55:51	—		17:00:08
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	( )	X (Complete)
Rep-start	10:09:53	11:50:49	13:32:05/13:37:53		16:55:27
DP-mode	OBS/TCU/OBS	OBS	OBS		OBS
ACS-mode	Normal–Pointing	Normal–Pointing	Normal–Pointing		Normal–Pointing
SUN-pos θ_S/ϕ_S	9.95°/215.9°	9,78°/215.86°	—		—
Attitude	265.7129° 118.3273° 173.0406°	265.7119° 118.3271° 173.0401°	265.7134° 118.3276° 173.0410°		265.7118° 118.3272° 173.0399°
OP-start(CE)	10:17:31 (00h)	Cont (0Dh)	Cont (19h)	( )	Cont (30h)
GIS HAM ERR	OK	OK	OK		OK
ACS ERR	(SH)MOMCHG → Reset	(SH)MOMCHG → Reset	—		—
SIS-mode	Faint 0123/2301	Faint 0123/2301	Faint 0123/2301		Faint 0123/2301
S0/1-TECT	−38.47/−38.22°C	−38.52/−38.31°C	−38.22/−38.07°C		−38.42/−38.02°C
S0/1-CCDT	−61.62/−61.72°C	−61.62/−61.72°C	−61.62/−61.72°C		−61.62/−61.72°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)
GIS LD Hit	25/29 cps	32/32 cps	35/36 cps		27/29 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	0	3/4	48	159	218	15.8	16.3	380.41	593	6528	183.85
Pass: 960910–0721							3/4	40	159	218	10.4		391.27	571	6528	180.25

SIS Mode Changes: Faint/Bright 0123/2301

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
19.60/23.30	19.60/23.30	−4.68/4.79	−4.68/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
09/10 19:00	LB=0_100	3	(264.862 , -28.108)	(265.1649 , 118.0092 , 172.6843)
09/11 07:40	LB=0_50	4	(266.040 , -28.808)	(266.3420 , 118.7075 , 173.2864)

Comment: 本日の運用: ASCA is now pointing at $(l, b) = (0, 75°)$. In the FOV, a strong point source was detected as well as the diffuse ridge emission.

Since the counting rate for $(l, b) = (0, 75°)$ region was unexpectedly very high, the telemetory saturation would happen when the BIT rate is MED. In order to avoid telemetory saturation, we raised the LEVEL discriminator to 1.1 keV from the initially programmed value of 0.48 keV during the third contact by REAL OG commands. After that, more appropriate value was found to be 0.7 keV. Therefore we send REAL OG commands again during the fifth contact. As a matter of fact, we shouldn't have raised the LEVEL discriminator during third contant. Because when the BIT rate was not HIGH the satellite was mostly facing to the earth. I'm very sorry about that. ミスオペでした、申し訳ありません。

今日は２度目の海水浴をしに行きました。水中で魚を探していると、目の前にクラゲが登場したのであわてて海から逃げたのでした。(池辺)
今日は水着を借りて海に行きました。海で泳ぐのは、たぶん小学校のとき以来です。運用は、今日で２日間の引き継ぎが終りました。浅沼さん、お世話になりました。今日の運用はレベルディスクリの変更があって、楽しかったです。（伊予本）
今朝、消感します。帰りに都井岬によって帰ります。（浅沼）