Geminga はコンタクト中のデータだけでしたが、きれいに受かりました。
早起きをすると妙にお腹がすきますが、今日は非常に暖かく食堂のストーブもいらないほどでした。（吉田 K）

陽浴 至福！(瀧澤)

たったいま到着。（古澤）

「あすか」 OPERATION REPORT Ver.1.5

94 年 3 月 28/29 日　Y+ 401/402　KSC 当番: 吉田 K 、瀧澤

NEP#5 → Geminga

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940328–1237	940328–1341	940328–1444	940328–1548	940329–0103
Operation	X REP OP/OG WT/CK ERR CODE RST ((SH)MOMCHG) CPU 2/3 STOP CPU 2/3 START OP START	X REP SBR A RNG S-CTLG WT/CK OBS-MODE CPU 2/3 STOP CPU 2/3 START RNG OFF	X REP DE-0 ADRS ON BDR STOP X REP BDR STOP	X REP SBR A RNG RNG OFF	X REP
Target	NEP#5	NEP#5	Geminga	Geminga	Geminga
AOS(UT)	18:27:42	20:09:35	21:50:40	23:32:30	01:14:14
LOS(UT)	18:39:44	20:21:33	22:03:13	23:44:45	01:25:20
Max-El	25.383	68.965	Zenith	50.511	16.758
Time	18:33:31	20:14:48	—	23:37:54	01:19:08
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)
Rep-start	18:29:16	20:10:06	21:51:36/21:57:02	23:33:10	01:14:48
DP-mode	OBS	OBS	OBS	OBS	OBS
ACS-mode	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing
ACS-spn/θ_s ϕ_s	0.32°, 248.37°	0.40°, 252.51°	0.16°,130.43°	0.14°, 96.34°	0.14°, 75.47°
Attitude	[269.4192 23.6045 8.0335]	[269.4205 23.6045 8.0317]	[98.6851 72.1738 176.5682]	[98.6852 72.1738 176.5672]	[98.6852 72.1739 176.5657]
OP-start(CE)	18:36:54 (00h)	Cont (0Ah)	Cont (18h)	Cont (23h)	Cont (2Fh)
SIS-mode	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2310	Faint/Faint 0123/2301
S0/1-TECT	−35.56/−35.59	−36.19/−36.27	−36.62/−36.61	−37.21/−37.19	−37.84/−37.73
S0/1-CCDT	−60.82/−60.50	−61.10/−60.78	−61.34/−60.97	−61.57/−61.25	−61.67/−61.53
GIS-mode	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(8-6-6-5-0)	PH(8-6-6-5-0)	PH(8-6-6-5-0)
GIS LD Hit	24cps/24cps	28cps/26cps	30cps/27cps	26cps/24cps	23cps/22cps

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	1	3/4	48	159	218	14.2	14.1	402.12	183.83	1402
Pass: 9403281237			3/4	40	159	218	8.2		404.50	181.06	1252

GIS Mode Changes: 10-8-8-5-0-0 → 8-6-6-5-0-6(Geminga)

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
19.90/23.40	19.90/23.50	−4.38/4.73	−4.60/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
03/28 20:50	Geminga	4	(98.4750 , 17.7740)	(98.6828 , 72.1747 , 176.5667)

Comment: 本日の運用:

ASCA observed NEP#5 and Geminga, maneuvering from NEP#5 to Geminga during the contact orbits. The field of NEP#5 has a few weak sources, obtaining 0.02 cts/s/GIS in total. The spectrum shows a strong 6.4 keV iron line. Geminga was clearly detected by GIS (0.01 cts/s/GIS) in the contact orbit data.