

さて、昨日の英文とどこが違うでしょうか？（上の）

「ぎんが」では受からなかったのに、画像まで撮れるなんて、「あすか」ってすごいなあ。上野くんが引き継ぎでこれでやっと半分終わった事を実感しました。明日は NEP だ、何か見えてくれれば良いのだが・・・（鎌田）。

「あすか」 OPERATION REPORT Ver.1.5

93 年 7 月 20 日 Y+ 149~150 KSC 当番: 鎌田、上野

CL0016+16/NEP 1

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	930719-1443	930719-1546	930720-0101	930720-0205	930720-0308					
Operation	X-REP OP-OG-WRT TCU-MODE ERR-CODE-RST (SH-MOMCHG) OP-STRT	X-REP RNG SCT-WRT OBS-MODE HAM-ERR-RST	X-REP HAM-ERR-RST ERR-CODE-RST (SH-MOMCHG) BDR-STOP X-REP BDR-STOP	X-REP RNG D0-ADRS-ON	X-REP D0-ADRS-ON					
Target	CL0016+16	CL0016+16	CL0016+16	CL0016+16	CL0016+16					
AOS(UT)	21:03:49	22:46:01	00:26:53	02:09:05	03:50:28					
LOS(UT)	21:15:48	22:57:51	00:39:23	02:21:11	04:02:08					
Max-El Time	17.058 21:09:54	52.288 22:51:10	Zenith —	66.418 02:14:24	24.388 03:55:47					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Interrupted)	X (Completed)	X (Completed)					
Rep-start	21:06:06	22:46:41	00:27:57/00:33:21	02:09:35	03:51:33					
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s	16.03°	16.08°	16.16°	16.23°	16.29°					
Attitude	$\begin{bmatrix} 4.549 \\ 73.753 \\ 27.892 \end{bmatrix}$	$\begin{bmatrix} 4.549 \\ 73.753 \\ 27.892 \end{bmatrix}$	$\begin{bmatrix} 4.548 \\ 73.753 \\ 27.892 \end{bmatrix}$	$\begin{bmatrix} 4.548 \\ 73.753 \\ 27.893 \end{bmatrix}$	$\begin{bmatrix} 4.548 \\ 73.754 \\ 27.892 \end{bmatrix}$					
OP-start(CE)	21:07:30 (00h)	Cont (09h)	Cont (12h)	Cont (1Ah)	Cont (22h)					
SIS-mode	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD					
S0/1-TECT	-38.76/-38.51	-38.95/-38.70	-39.15/-38.90	-39.00/-38.80	-38.42/-38.31					
S0/1-CCDT	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77					
GIS-mode	PH	PH	PH	PH	PH					
GIS LD Hit	24cps/23cps	25cps/24cps	27cps/28cps	30cps/30cps	27cps/25cps					
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	13.1 13.1	13.1	413.59	183.86	3152
Pass: S9307191443			3/4	40	159 218	7.6		430.04	181.93	2735
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
20.10/23.40	20.20/23.40	-4.16/4.73	-4.30/4.76	4.82/8.74	4.82/8.46	no good data

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
7/20 20:00	NEP 1	5	(270.0000 , 66.5600)	(270.592 , 23.599 , 117.653)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本日の運用: Today's target is the most distant X-ray emitting cluster ($z=0.545$), CL0016+16, where Sunyaev-Zeldovich effect has been observed. GIS Count rates is ~ 0.06 cts/s/sensor. SIS Count rates is ~ 0.5 cts/s/sensor, a half of which can be due to particle events.