

KSC はとにかく凄いと風と雨です。恐いほど。ということで、9 日の運用は中止となりました。石田氏と Keith 氏は、今朝暴風雨が吹く前に KSC を後にしましたが、飛行機が飛ぶとは思えない。どうしているのだろうか？石田さんは、空港に行ってから考えるといっていたけど……。 (青木)

何故こんな目に会うのでしょうか？ (川嶋)

「あすか」 OPERATION REPORT Ver.1.5

93 年 8 月 08 日 Y+ 169~170 KSC 当番: 石田、青木、Keith、川嶋

A2163

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	930808-0825	930808-0929	930808-1032	930808-1145	930808-1239					
Operation	X-REP RNG OP-OG-WRT SCT-WRT ROG47,48,49 ERR-CODE-RST OP-STRT	X-REP	X-REP ERR-CODE-RST BDR-STOP X-REP BDR-STOP	X-REP RNG	X-REP					
Target	A2163	A2163	A2163	A2163	A2163					
AOS(UT)	12:19:08	14:00:45	15:42:43	17:24:35	19:06:53					
LOS(UT)	12:32:21	14:14:08	15:55:55	17:37:20	19:17:18					
Max-El Time	34.081 12:25:26	77.793 14:07:01	Zenith —	45.705 17:30:28	14.512 19:11:43					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Interrupted)	X (Completed)	X (Completed)					
Rep-start	12:20:38	14:01:51	15:43:42/15:49:30	17:25:59	19:07:55					
DP-mode	OBS/ACS/OBS	OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s	—°	—°	—°	—°	16.29°					
Attitude	$\begin{bmatrix} 244.101 \\ 96.056 \\ 165.025 \end{bmatrix}$	$\begin{bmatrix} 244.100 \\ 96.056 \\ 165.026 \end{bmatrix}$	$\begin{bmatrix} 244.100 \\ 96.056 \\ 165.025 \end{bmatrix}$	$\begin{bmatrix} 244.101 \\ 96.056 \\ 165.025 \end{bmatrix}$	$\begin{bmatrix} 244.101 \\ 96.056 \\ 165.025 \end{bmatrix}$					
OP-start(CE)	12:29:30 (00h)	Cont (09h)	Cont (1Dh)	Cont (1Bh)	Cont (24h)					
SIS-mode	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD					
S0/1-TECT	−42.88/−42.69	−42.64/−42.44	−42.35/−42.25	−42.35/−42.25	−42.54/−42.44					
S0/1-CCDT	−61.71/−61.81	−61.71/−61.81	−61.71/−61.81	−61.67/−61.81	−61.71/−61.81					
GIS-mode	PH	PH	PH	PH	PH					
GIS LD Hit	23cps/24cps	28cps/27cps	34cps/36cps	35cps/35cps	26cps/23cps					
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	15.8	16.3	406.13	183.89	1439
Pass: S9308080825			3/4	40	159 218	9.8		417.58	181.26	1347

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
20.40/23.40	20.40/23.50	-4.29/4.73	-4.43/4.76	4.82/8.74	4.82/8.46	no good data

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/09 10:25	X1636-536	6	(250.2292 , -53.7514)	(-109.50 , 143.68 , -172.45)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本日の運用: Today's target is ABELL2163, a cluster of galaxies. The count rate is about 0.7 count/s for SIS and 0.6 count/sec for GIS. The obtained Raymond and Smith tmperature is about ~12 keV and ~16 keV for SIS and GIS, respectively. We cannot find any evident line emissions in its energy spectrum. ABELL2163 は Fe はじめ、これといった輝線がみえません。Avundance が低いからなのかもしれませんが、こんなものなのでしょうか？