

かましくて眠れない（鎌田）。

「あすか」 OPERATION REPORT Ver.1.5

93 年 7 月 16 日 Y+ 145~146 KSC 当番: 鎌田・伊藤、上野

East of Fornax NGC1399/EX Hya

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	930715-1546	930716-0101	930716-0205	930716-0308	930716-0412					
Operation	X-REP OP-OG-WRT TCU-MODE HAM-ERR-RST OP-STRT	X-REP RNG SCT-WRT OBS-MODE	X-REP HAM-ERR-RST BDR-STOP X-REP D0-ADRS-ON BDR-STOP	X-REP RNG D0-ADRS-ON	X-REP					
Target	East of Fornax NGC1399	East of Fornax NGC1399	East of Fornax NGC1399	East of Fornax NGC1399	East of Fornax NGC1399					
AOS(UT)	22:48:54	00:30:26	02:11:28	03:53:27	05:34:58					
LOS(UT)	23:00:02	00:42:26	02:24:04	04:05:58	05:46:58					
Max-El Time	14.580 22:54:26	47.353 00:35:39	Zenith —	71.805 03:58:55	28.552 05:40:23					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Interrupted)	X (Completed)	X (Completed)					
Rep-start	22:51:02	00:30:57	02:12:26/02:17:48	03:54:07	05:35:47					
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	11.19°	11.12°	11.05°	11.00°	10.91°					
Attitude	$\begin{bmatrix} 54.561 \\ 125.721 \\ 28.031 \end{bmatrix}$	$\begin{bmatrix} 54.561 \\ 125.721 \\ 28.030 \end{bmatrix}$	$\begin{bmatrix} 54.561 \\ 125.721 \\ 28.031 \end{bmatrix}$	$\begin{bmatrix} 54.561 \\ 125.721 \\ 28.030 \end{bmatrix}$	$\begin{bmatrix} 54.561 \\ 125.721 \\ 28.030 \end{bmatrix}$					
OP-start(CE)	22:56:32 (00h)	Cont (09h)	Cont (11h)	Cont (1Ah)	Cont (24h)					
SIS-mode	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD					
S0/1-TECT	-39.24/-38.94	-40.17/-39.87	-40.70/-40.40	-40.65/-41.08	-40.26/-39.96					
S0/1-CCDT	-61.71/-61.81	-61.71/-61.81	-61.71/-61.81	-61.71/-61.81	-61.71/-61.81					
GIS-mode	PH	PH	PH	PH	PH					
GIS LD Hit	23cps/21cps	24cps/25cps	27cps/29cps	28cps/31cps	31cps/31cps					
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	11.5 10.9		412.34	183.55	896
Pass: S9307151546			3/4	40	159 218	5.5		433.50	181.86	780

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
20.20/23.40	20.20/23.40	-4.12/4.73	-4.25/4.86	4.82/8.74	4.82/8.46	no good time

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
7/16 10:30	EX Hya	1	(193.1017 , -29.2489)	(193.304 , 119.270 , 155.398)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本日の運用:昨日に引き続き Fornax Cluster 内の cD 銀河 NGC1399 を観測しました。おとなりの NGC1404 も、とくに SIS で、はっきり見えました。GIS Count rates of NGC1399 is ~ 0.14 cts/s/sensor. GIS Count rates of NGC1404 is ~ 0.06 cts/s/sensor. SIS Count rates in a whole SIS field, which covers NGC1399 and NGC1404 and a part of surrounding intracluster gas, is ~ 5 cts/s/sensor (particle events have not been excluded). 深沢君、K S C にきたら、新しい giphs をインストールしてください。お願いします。(上の) 蛙がや