「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	14.580	47.353	Zenith	71.805	28.552
Time	22:54:26	00:35:39	—	03:58:55	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、ＫＳＣ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

かましくて眠れない（鎌田）。