

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1997 年 03 月 04/05 日 Y+ 1473/1474 KSC 当番: I. Hayashi and K. Yoshida/E. Rokutanda

Rho_Oph_Core → NGC 6334

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	970304-1342	970304-1445	970305-0001	970305-0104	970305-0207												
Operation	X-REP OP/OG-02 WRT TCU-MEM STAR-02 WRT S-CTLG-CHK OBSERVE OP-START	X-REP SBR-A-RNG RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM ACS-ERR-RST DE-0-ADRS-ON BAT-B-TCL-ON RNG-OFF	X-REP DE-0-ADRS-ON BAT-A-TCL-ON												
Target	Rho_Oph_Core	NGC 6334	NGC 6334	NGC 6334	NGC 6334												
AOS(UT)	20:39:17	22:21:15	00:02:23	01:44:14	03:25:37												
LOS(UT)	20:52:39	22:34:13	00:15:41	01:56:52	03:37:08												
Max-El	27.740°	69.937°	Zenith	53.114°	17.475°												
Time	20:45:50	22:27:04	—	01:50:02	03:31:04												
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)												
Rep-start	20:40:31	22:21:49	00:03:20/00:09:07	01:45:02	03:27:00												
DP-mode	OBS/TCU/OBS/ ACS/OBS	OBS	OBS	OBS/GIS/OBS	OBS												
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	14.01° / 246.85°	22.03° / 289.58°	22.00° / 289.40°	21.96° / 289.29°	21.92° / 289.13°												
Attitude	$\begin{bmatrix} 246.53719^\circ \\ 114.58410^\circ \\ 337.55864^\circ \end{bmatrix}$	$\begin{bmatrix} 259.87161^\circ \\ 125.90956^\circ \\ 336.46293^\circ \end{bmatrix}$	$\begin{bmatrix} 259.87214^\circ \\ 125.91031^\circ \\ 336.46445^\circ \end{bmatrix}$	$\begin{bmatrix} 259.87174^\circ \\ 125.91032^\circ \\ 336.46410^\circ \end{bmatrix}$	$\begin{bmatrix} 259.87160^\circ \\ 125.91024^\circ \\ 336.46399^\circ \end{bmatrix}$												
OP-start(CE)	20:49:39 (00h)	Cont (12h)	Cont (1Fh)	Cont (2Ah)	Cont (34h)												
GIS HAM ERR	—	—	—	ERR→Reset	—												
ACS ERR	—	—	—	(SH)MOMCHG →Reset	—												
SIS-mode	Faint 0123/2301	Faint 1212/3030	Faint 1212/3030	Faint 1212/3030	Faint 1212/3030												
S0/1-TECT	−39.39/−39.14°C	−38.90/−38.65°C	−39.10/−38.85°C	−39.39/−39.14°C	−39.73/−39.43°C												
S0/1-CCDT	−61.62/−61.72°C	−61.62/−61.72°C	−61.62/−61.72°C	−61.62/−61.72°C	−61.62/−61.72°C												
GIS-mode	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(10-8-8-5-0)												
GIS LD Hit	27/25 cps	33/29 cps	33/33 cps	34/30 cps	26/27 cps												
P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	CalCnt	CalTim	RT	Pk
10	8	8	5	0	FLF	1	3/4	48	159	218	15.8	15.8	377.44	232	4094	184.39	
Pass: 970304-1342							3/4	40	159	218	9.8		397.32	204	4094	180.32	

SIS Mode Changes: Rho_Oph_Core: 4CCD(0123/2301)/2CCD(1212/3030) F/F
(LD ON 0.55keV/0.70keV, AD ON/OFF)
NGC 6334: 2CCD(1212/3030) F/F (LD OFF/ON 0.55keV, AD ON/OFF)

GIS Mode Changes: Rho_Oph_Core & NGC 6334: (PH 10-8-8-5-0-0)

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.20/23.30	19.20/23.30	-4.77/4.83	-4.60/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
03/04 21:20	NGC 6334	2	(260.1178, -35.8695)	(259.8718, 125.9103, 336.4641)

Comment: 本日の運用: We observed NGC 6344 (PI=Sekimoto JPN). The count rates were 0.27 cts/s for the GIS (integrated within 10 arcmin radius around the image center) and 0.03 cts/s for the SIS0 (within 2 arcmin radius).

4 パス運用中に MS 卓頭上の鉄骨を、いつも餌をねだっている猫が歩きまわっていました。ふと立ち止まって、運用中の我々を見下ろし、哀れむような目をしました。どうも猫というのは哲学的な匂いがします。六反田さんは 3 パス目に上位ビットを勤めた後帰っていきました。おつかれさまでした (林)。

少しずつ仕事に慣れてきましたが、QL 解析についてはまだ分からないことが多いです。こちらでは、本当に運動不足にな

ります。あとで散歩でもします。(吉田)