

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 5 月 22 日 Y+ 1187 KSC 当番: K. Matsushita and C. Matsumoto

0103.0-72.6 → NGC4258

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	960522-1135	960522-1238	960522-1341	960522-1445	960522-1548												
Operation	X-REP OP/OG-05 WRT TCU-MEM OP-START	X-REP SBR-A-RNG SCT-06(#6) WRT SCT-06 CHK OBS-MODE RNG-OFF	X-REP CPU2/3-STP CPU2/3-RST BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG ACS-ERR-RST RNG-OFF	X-REP CPU2/3-STP CPU2/3-RST GIS-MEM												
Target	0103.0-72.6	0103.0-72.6	0103.0-72.6	0103.0-72.6	0103.0-72.6												
AOS(UT)	17:06:10	18:48:05	20:29:07	22:10:59	23:52:29												
LOS(UT)	17:19:22	19:01:03	20:42:43	22:23:57	00:04:19												
Max-El	26.892°	69.282°	Zenith	54.601°	18.656°												
Time	17:12:30	18:53:50	—	22:16:53	23:58:01												
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)												
Rep-start	17:07:56	18:48:40	20:30:10/20:36:00	22:11:44	23:53:01												
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS/GIS/OBS												
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	11.70°/229.93°	11.66°/229.58°	11.65°/229.40°	11.63°/229.14°	11.57°/228.71°												
Attitude	$\begin{bmatrix} 15.867^\circ \\ 162.563^\circ \\ 39.964^\circ \end{bmatrix}$	$\begin{bmatrix} 15.867^\circ \\ 162.563^\circ \\ 39.964^\circ \end{bmatrix}$	$\begin{bmatrix} 15.867^\circ \\ 162.563^\circ \\ 39.964^\circ \end{bmatrix}$	$\begin{bmatrix} 15.867^\circ \\ 162.563^\circ \\ 39.964^\circ \end{bmatrix}$	$\begin{bmatrix} 15.867^\circ \\ 162.563^\circ \\ 39.964^\circ \end{bmatrix}$												
OP-start(CE)	17:16:18 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Eh)	Cont (2Ah)												
GIS HAM ERR	—	—	ERR → Reset	—	ERR → Reset												
ACS ERR	—	—	—	(SH)MOMDIR → Reset	—												
SIS-mode	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333												
S0/1-TECT	-35.36/-35.40°C	-35.70/-35.74°C	-36.14/-36.13°C	-36.77/-36.81°C	-37.55/-37.39°C												
S0/1-CCDT	-61.29/-60.97°C	-61.29/-60.97°C	-61.34/-61.02°C	-61.48/-61.16°C	-61.57/-61.39°C												
GIS-mode	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)												
GIS LD Hit	25/25 cps	28/24 cps	32/30 cps	30/29 cps	26/22 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	2	3/4	48	159	218	15.8	15.8	383.84	1337	15962	183.98	
Pass: 960522-1135							3/4	40	159	218	10.4		410.74	1320	15962	180.32	

SIS Mode Changes: Faint 1111/3333(bit-H/M), LVL OFF, ADR OFF for 0103-72.6, for NGC4528

GIS Mode Changes: PH 10-8-8-5-0-0 for 0103.0-72.6, for NGC4528

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.30/23.30	19.40/23.30	-4.77/4.75	-4.86/4.78	7.32/8.74	4.55/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
05/23 06:30	NGC4528	6	(184.7375° , 47.3025°)	(185.0217° , 42.7683° , 140.7166°)

Comment: 本日の運用: We observed 0103.0-72.6 (PI=HAYASHI; JPN). The count rate was 0.07 c/s/1SIS ($r < 5'$) and 0.02 c/s/1GIS ($r < 4'$).

ようやく運用にも慣れてきました。このまま何事もなければいいなあと思っています。昼夜逆転生活にも慣れてきましたが、朝も昼もなく、ひたすら長い夜が続くという感じがします。(松下) いつもは凍えんばかりに寒いこの運用室が、今日は、何故かどこよりも暖かいです。「空調の故障かな」と心配しつつも、実はうれしかったです。(松本) 5月も末だというのに、鹿児島だというのに、どうしてこんなに寒いのでしょうか。(松下)