

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

95 年 5 月 13 日 Y+ 812 KSC 当番: H.Awaki and K.Kawashima

NGC7172

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	950513-0619	950513-0722	950513-0825	950513-0929	950513-1032					
Operation	X REP OP/OG-05 WRT TCU MEM MOD OP START	X REP SBR-A RNG S-CTLG WRT S-CTLG CHK OBSERVE MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR-A RNG CPU2/3 STOP CPU2/3 RST GIS MEM MODE RNG OFF	X REP					
Target	NGC7172	NGC7172	NGC7172	NGC7172	NGC7172					
AOS(UT)	09:03:06	10:45:03	12:26:05	14:08:08	15:49:28					
LOS(UT)	09:15:51	10:57:17	12:39:10	14:20:24	16:00:44					
Max-El	23.377	63.327	(89.720)	56.765	18.686					
Time	09:09:22	10:50:38	(12:32:07)	14:13:34	15:54:42					
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)					
Rep-start	09:04:42	10:45:39	12:27:05/12:32:41	14:08:44	15:50:11					
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
SUN-pos θ_s/ϕ_s	1.00/165.96	1.11/167.27	1.16/166.58	—/—	—/—					
Attitude	$\begin{bmatrix} 330.324 \\ 122.004 \\ 21.140 \end{bmatrix}$	$\begin{bmatrix} 330.324 \\ 122.004 \\ 21.140 \end{bmatrix}$	$\begin{bmatrix} 330.324 \\ 122.004 \\ 21.140 \end{bmatrix}$	$\begin{bmatrix} 330.324 \\ 122.004 \\ 21.140 \end{bmatrix}$	$\begin{bmatrix} 330.324 \\ 122.004 \\ 21.141 \end{bmatrix}$					
OP-start(CE)	09:12:43 (00h)	Cont (08h)	Cont (10h)	Cont (18h)	Cont (20h)					
GIS HAM ERR	Normal	Normal	Normal	Normal	Normal					
ACS ERR	—	—	—	—	—					
SIS-mode	Bright/Bright 0101/2323	Bright/Bright 0101/2323	Bright/Bright 0101/2323	Bright/Bright 0101/2323	Bright/Bright 0101/2323					
S0/1-TECT	−41.47/−41.86	−41.52/−41.91	−41.47/−41.86	−41.52/−41.86	−41.62/−41.91					
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(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	23/26 cps	27/31 cps	25/27 cps	29/28 cps	27/27 cps					
P X Y R S	Pos	MErr	HV_HL	Gain	RT-L RT-U	Temp	RBMT	CalPk	CalCnt/sec	RT Pk
10 8 8 5 0	FLF	No	3/4	48	159 218	13.6	13.6	393.10	0.115	183.69
Pass: 950513-0619			3/4	40	159 218	7.6		417.53	0.101	181.01

SIS Mode Changes: B/B 0101/2323 Lvl:off(NGC7172), F/F 1111/3333 Lvl: off (V444 Cyg P2,P3), F/F 0123/2301 Lvl:0.48keV (Cyg Loop P1,P2 for bit H), B/B 1212/3030 Lvl:0.48keV (Cyg Loop P1,P2 for bit M), F/F 1111/3333 Lvl: off (NGC3227 for bit H), B/B 1111/3333 Lvl: off (NGC3227 for bit M)

GIS Mode Changes: None

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.80/23.30	19.80/23.20	-4.38/4.73	-4.21/4.76	4.82/9.03	5.93/7.04

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
5/13 17:00	V444 Cyg P2	4	(304.8864 , 38.7316)	(304.7041 , 51.4374 , 24.9454)
5/13 23:10	Cyg Loop P1	5	(314.1542 , 31.6464)	(313.8708 , 58.5418 , 10.5986)
5/14 07:10	Cyg Loop P2	6	(314.1500 , 30.4125)	(313.9938 , 59.8628 , 36.7986)
5/14 15:20	V444 Cyg P3	1	(304.8864 , 38.7316)	(304.7014 , 51.4368 , 24.8901)
5/15 00:40	NGC3227	2	(155.8792 , 19.8650)	(156.0960 , 70.1472 , 157.5958)

Comment: 本日の運用: NGC7172(PI=Svensson) was observed and the count rate was 0.30 cts/s/SIS and 0.28 cts/s/GIS.

平山君に薦められたこともあり、昨日資料館に行ってきました。「ぎんが」の時以来だったのですが、その時より内容が充実しているような気がします。特に μ の発射台の模型がなかなか凝っていて良かったです。是非、来た時に行ってください。

(粟木)

月曜には、秋元さんが来るはずなので私の仕事は引き継ぎだけのはず。今日、野茂が投板しました。大リーグ初投板以来、毎回奪三振が続けているそうです。この頃、世間で明るいニュースといたらこれくらいのような気がします。（川嶋）