「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 7 月 10 日　Y+ 510　KSC 当番: T.Kotani 、 M.Ozaki

NGC 3923/HG 28 → NGC 4038/9

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940710–1031	940710–1134	940710–1237	940710–1341	940710–1444
Operation	X REP OP/OG-14 RAM TCU MEM STAR-03 (#4) S-CTLG CHK OBSERVE MODE DE-0 ADRS ON CPU 2/3 STP/RST ACS ERR RST OP STRT	X REP SBR-A RNG DE-0 ADRS OF 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 CPU 2/3 STOP CPU 2/3 RST
Target	NGC 3923/ HG 28	NGC 4038/9	NGC 4038/9	NGC 4038/9	NGC 4038/9
AOS(UT) LOS(UT)	15:06:20 15:18:30	16:48:17 17:00:46	18:29:03 18:42:17	20:11:05 20:24:06	21:52:27 22:04:54
Max-El Time	18.241 15:12:27	58.593 16:53:38	Zenith —	65.859 20:16:46	25.125 21:58:07
Rep-band(stat.) Rep-start	X (Completed) 15:08:38	X (Completed) 16:49:18	X (Completed) 18:30:18/18:35:50	X (Completed) 20:12:08	X (Completed) 21:53:38
DP-mode	OBS/TCU/ ACS/OBS	OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s ϕ_s	Normal–Pointing night	Normal–Pointing 9.66, 1.30	Normal–Pointing 9.71, 1.13	Normal–Pointing 9.76, 1.28	Normal–Pointing 9.86, 1.41
Attitude	$\begin{bmatrix} 3177.98308 \\ 118.85438 \\ 147.06158 \end{bmatrix}$	$\begin{bmatrix} 180.659 \\ 108.908 \\ 152.502 \end{bmatrix}$	$\begin{bmatrix} 180.660 \\ 108.908 \\ 152.502 \end{bmatrix}$	$\begin{bmatrix} 180.659 \\ 108.908 \\ 152.502 \end{bmatrix}$	$\begin{bmatrix} 180.660 \\ 108.908 \\ 152.502 \end{bmatrix}$
OP-start(CE)	15:15:15 (00h)	Cont (0Dh)	Cont (17h)	Cont (1Fh)	Cont (27h)
GIS HAM ERR	ERR	NORM	NORM	ERR	ERR
ACS ERR	(SH)MOMCHG	—	—	—	—
SIS-mode	Faint/Faint 0123/2301	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323
S0/1-TECT	−42.83/−42.69	−43.37/−43.22	−43.71/−43.56	−44.29/−44.14	−44.92/−44.78
S0/1-CCDT	−61.71/−61.81	−61.71/−61.81	−61.71/−61.88	−61.71/−61.81	−61.67/−61.77
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	23cps/23cps	24cps/25cps	28cps/27cps	27cps/27cps	25cps/24cps

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	NONE	3/4	48	159	218	12.5	12.5	404.49	183.76	1155
Pass: 9407101031			3/4	40	159	218	6.0		426.32	181.48	1037

GIS Mode Changes: 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
20.10/23.40	20.10/23.50	−4.34/4.73	−4.43/4.76	4.82/8.74	4.82/8.17

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
07/10 15:26	NGC 4038/9	4	(180.4696 , -18.8650)	(180.659 , 108.907 , 152.502)

Comment: 本日の運用:

NGC 3923/HG 28 is very dim. The count rate is 0.01 cnts s^{-1} GIS $^{-1}$. In addition, most of the data were downloaded at DSN stations, so the exposure time for quick-analysis is too short.

平穏無事な運用です。5パス目には、当番もメーカーさんもあくびを噛み殺しながらの運用でした。有難いことです。どうせFAXできないとはいうものの、QLはソースが全く見えず残念です。明日に期待しましょう。(おざき)

でも金さんが死にました。(小谷)