

「あすか」 OPERATION REPORT Ver.1.5

94 年 4 月 01 日 Y+ 405 KSC 当番: 吉田 K 、 竹島 、 古澤

SN1993J → NGC3516 → NW Radio Pulsar

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940401-1134	940401-1237	940401-1341	940401-1444	940401-1547					
Operation	X REP OP/OG WT/CK ERR CODE RST ((SH)MOMCHG) OP START	X REP SBR-A RNG SCT-04 S-CTLG CHK OBSERVE MODE RNG OFF	X REP CPU 2/3 STOP CPU 2/3 START BDR STOP X REP BDR STOP	X REP SBR A RNG CPU 2/3 STOP CPU 2/3 START RNG OFF	X REP					
Target	SN1993J	SN1993J	SN1993J	SN1993J	SN1993J					
AOS(UT)	16:37:52	18:19:39	20:00:59	21:42:49	23:24:43					
LOS(UT)	16:50:10	18:31:40	20:13:23	21:54:41	23:35:29					
Max-El Time	27.361 16:43:47	71.383 18:25:07	Zenith —	47.019 21:48:10	14.798 23:29:19					
Rep-band(stat.) Rep-start	X (Completed) 16:39:22	X (Completed) 18:20:26	X (Completed) 20:02:08/20:07:18	X (Completed) 21:43:30	X (Completed) 23:25:20					
DP-mode	OBS	OBS	OBS	OBS	OBS					
ACS-mode ACS-spn/ $\theta_s \ \phi_s$ Attitude	Normal-Pointing -°, -° $\begin{bmatrix} 149.7200 \\ 21.1255 \\ 134.9979 \end{bmatrix}$	Normal-Pointing 11.5°, 164.48° $\begin{bmatrix} 149.7197 \\ 21.1250 \\ 134.9983 \end{bmatrix}$	Normal-Pointing 11.42°, 164.86° $\begin{bmatrix} 149.7185 \\ 21.1253 \\ 135.0014 \end{bmatrix}$	Normal-Pointing 11.40°, 165.11° $\begin{bmatrix} 149.7179 \\ 21.1252 \\ 135.0006 \end{bmatrix}$	Normal-Pointing 11.34°, 165.30° $\begin{bmatrix} 149.7171 \\ 21.1251 \\ 135.0016 \end{bmatrix}$					
OP-start(CE)	16:47:10 (00h)	Cont (08h)	Cont (10h)	Cont (18h)	Cont (20h)					
SIS-mode S0/1-TECT S0/1-CCDT	Faint/Faint 0000/2222 -37.64/-37.58 -61.67/-61.77	Faint/Faint 0000/2222 -38.08/-37.97 -61.67/-61.77	Faint/Faint 0000/2222 -38.22/-38.17 -61.67/-61.77	Faint/Faint 0000/2222 -38.52/-38.46 -61.67/-61.77	Faint/Faint 0000/2222 -39.10/-39.09 -61.67/-61.77					
GIS-mode GIS LD Hit	PH(10-8-8-5-0) 25cps/26cps	PH(10-8-8-5-0) 28cps/31cps	PH(10-8-8-5-0) 32cps/30cps	PH(10-8-8-5-0) 27cps/28cps	PH(10-8-8-5-0) 22cps/25cps					
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	1	3/4	48	159 218	15.8	15.8	399.32	183.73	1216
Pass: 9404011134			3/4	40	159 218	10.4		420.71	180.85	1185
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
20.00/23.50	20.00/23.50	-4.51/4.75	-4.60/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
04/02 03:20	NGC3516	1	(166.6975 , 72.5686)	(167.0967 , 17.5981 , 106.5802)
04/03 01:30	NW Radio Pulsar	2	(270.1800 , -23.3300)	(270.0078 , 113.3837 , 4.0310)

Comment: 本日の運用: SN1993J is much fainter than X-6. Total count rate (X-5 + X-6 + 1993J + ...) is ~ 0.2 counts/sec/SIS chip.

運用が深夜 1 時半からで、入感していきなり徹夜してしまった。4 パス目と 5 パス目の間は眠くてどうしようかと思ったが、太陽が登ると目が覚めてくるから不思議なものだ。1993J は殆んど受かっていないようだ (たけしま) 今日で消感です。(吉田 K)

今日は非常に暖かい。その上、昨日の反動か食堂のストーブはつけっぱなし。あつい。(古澤)