

今朝は寒い。運用室はそれ以上に寒い。その上、食堂のストーブは灯油切れ。名古屋からはるか南に来ているはずなのに寒い。桜の開花宣言も出ているのに寒い。

PS. Takky MNV KSC → 名古屋 Manuever Start Time 01-Apr-1994 14:00:00 (古澤)

「あすか」 OPERATION REPORT Ver.1.5

94 年 3 月 31 日 Y+ 404 KSC 当番: 吉田 K、古澤

PSR B0656+14 → SN1993J

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940331-1134	940331-1237	940331-1341	940331-1444	940331-1547
Operation	X REP OP/OG WT/CK ERR CODE RST (SH)MOMCHG CPU 2/3 STOP CPU 2/3 START OP START	X REP SBR-A RNG SCT-03 S-CTLG CHK OBSERVE MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR A RNG RNG OFF	X REP CPU 2/3 STOP CPU 2/3 START
Target	PSR B0656+14	PSR B0656+14	PSR B0656+14	PSR B0656+14	PSR B0656+14
AOS(UT)	16:40:10	18:22:01	20:02:54	21:44:50	23:26:13
LOS(UT)	16:52:06	18:33:52	20:15:28	21:57:01	23:37:50
Max-El Time	19.884 16:45:55	58.453 18:27:11	Zenith —	60.107 21:50:15	20.964 23:31:31
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)
Rep-start	16:41:00	18:22:33	20:03:56/20:09:22	21:45:32	23:27:28
DP-mode	OBS	OBS	OBS	OBS	OBS
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing
ACS-spn/ θ_s ϕ_s	-°, -°	6.07°, 231.93°	6.02°, 232.16°	5.99°, 232.56°	5.96°, 232.95°
Attitude	$\begin{bmatrix} 105.1586 \\ 75.7290 \\ 169.6435 \end{bmatrix}$	$\begin{bmatrix} 105.1589 \\ 75.7294 \\ 169.6454 \end{bmatrix}$	$\begin{bmatrix} 105.1592 \\ 75.7294 \\ 169.6456 \end{bmatrix}$	$\begin{bmatrix} 105.1592 \\ 75.7293 \\ 169.6453 \end{bmatrix}$	$\begin{bmatrix} 105.1593 \\ 75.7292 \\ 169.6455 \end{bmatrix}$
OP-start(CE)	16:48:50 (00h)	Cont (08h)	Cont (10h)	Cont (18h)	Cont (20h)
SIS-mode	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323
S0/1-TECT	-37.84/-37.53	-38.32/-38.02	-38.61/-38.31	-39.05/-38.75	-39.68/-39.38
S0/1-CCDT	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77
GIS-mode	PH(8-6-6-5-0)	PH(8-6-6-5-0)	PH(8-6-6-5-0)	PH(8-6-6-5-0)	PH(8-6-6-5-0)
GIS LD Hit	25cps/23cps	28cps/24cps	31cps/27cps	28cps/27cps	22cps/22cps

P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
GBi6P	6	5	0		FLF	1	3/4	48	159	218	13.6	13.6	401.74	183.83	699
Pass: 9403311134							3/4	40	159	218	8.2		404.38	181.05	654

GIS Mode Changes: 8-6-6-5-0-6 → 10-8-8-5-0-0(SN1993J)

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
20.00/23.40	20.00/23.50	-4.42/4.73	-4.60/4.76	4.82/8.74	4.82/8.17

Manoeuvre Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
04/01 05:00	SN1993J	6	(148.8540 , 69.0200)	(149.7256 , 21.1253 , 134.9953)

Comment: 本日の運用:

ASCA observed PSR B0656+14, obtaining 0.1 cts/s/SIS and 0.02 cts/s/GIS. The spectrum is very soft.

PSR B0656+14 は Geminga とは反対に SIS で明るく GIS で暗かった。昨日の午後 8 時に到着するといっていた竹島さんはまだこない。今日が移動日だからきっと来るにちがいない。(吉田 K)