「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 9 月 01 日　Y+ 558　KSC 当番: K. Iwasawa, 、 H. Kaneda

ANTI 5KPC ARM pos1–11

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940901–0927	940901–1030	940901–1134	940901–1237	940901–1341 Routine record for each pass (UT)
Operation	X REP OP/OG-03 TCU MEM MODE STAR-01(3) S-CTLG CHK OBSERVE MODE CPU2/3 STP CPU2/3 RST ROG SET-47/48/49 OP START	X REP SBR-A RNG STAR-02(4,5,6,1,2) S-CTLG CHK OBSERVE MODE RNG-OFF	X REP STAR-03(3) S-CTLG CHK OBSERVE MODE BDR STOP X REP BDR STOP	X REP SBR-A RNG CPU2/3 STOP CPU2/3 RST GIS MEM MODE STAR-04(4) S-CTLG CHK OBSERVE MODE	X REP DE-0/1 FAINT STAR-05(5,6) S-CTLG CHK OBSERVE MODE DE-0/1 BRIGHT DE-0 ADRS ON
Target	ANTI 5KPC ARM2	ANTI 5KPC ARM2	ANTI 5KPC ARM3	ANTI 5KPC ARM4	ANTI 5KPC ARM5
AOS(UT) LOS(UT)	13:13:21 13:26:04	14:55:28 15:07:51	16:36:18 16:49:21	18:18:34 18:30:39	19:59:58 20:11:24
Max-El Time	29.399 13:19:44	57.542 15:01:08	Zenith —	63.251 18:24:06	22.008 20:05:20
Rep-band(stat.) Rep-start	X (Complete) 13:15:27	X (Complete) 14:56:07	X (Complete) 16:37:31/16:43:11	X (Complete) 18:29:17	X (Complete) 20:01:11
DP-mode	OBS/ACS/OBS	OBS/ACS/OBS	OBS/ACS/OBS	OBS/ACS/OBS	OBS/ACS/OBS
ACS-mode ACS-spn/θ_s ϕ_s Attitude	Normal–Pointing Night $\begin{bmatrix} 245.16438 \\ 141.12309 \\ 170.81666 \end{bmatrix}$	Normal–Pointing Night $\begin{bmatrix} 244.47820 \\ 140.63230 \\ 170.07609 \end{bmatrix}$	Normal–Pointing Night $\begin{bmatrix} 244.26226 \\ 140.05995 \\ 169.82214 \end{bmatrix}$	Normal–Pointing 2.82178.21 $\begin{bmatrix} 245.38546 \\ 140.78782 \\ 170.67274 \end{bmatrix}$	Normal–Pointing 2.24, 179.07 $\begin{bmatrix} 244.92557 \\ 139.64259 \\ 170.19541 \end{bmatrix}$
OP-start(CE)	13:22:51 (00h)	Cont (0Eh)	Cont (1Ch)	Cont (2Ch)	Cont (43h)
GIS HAM ERR	Err→Normal	Normal	Normal	Normal	Normal
ACS ERR	—	—	—	—	—
SIS-mode S0/1-TECT S0/1-CCDT	Faint/Faint 0123/2301 −37.55/−37.39 −61.62/−61.77	Faint/Faint 0123/2301 −38.18/−37.24 −61.67/−61.77	Faint/Faint 0123/2301 −38.71/−38.56 −61.67/−61.77	Faint/Faint 0123/2301 −39.53/−39.38 −61.67/−61.77	Bright/Bright 0123/2301 −40.31/−40.11 −61.67/−61.77
GIS-mode GIS LD Hit	PH(10–8–8–5–0) 26cps/27cps	PH(10–8–8–5–0) 28cps/28cps	PH(10–8–8–5–0) 33cps/31cps	PH(10–8–8–5–0) 29cps/2cps	PH(10–8–8–5–0) 24cps/22cps

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	15.3	15.2	396.1	183.97	1173
Pass: 940901-0927							3/4	40	159	218	9.3		417.47	180.71	1129

GIS Mode Changes: 10–8–8–5–0

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
20.00/23.40	20.10/23.50	−4.25/4.75	−4.30/4.76	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
09/01 15:15	ANTI 5KPC ARM2	3	(246.7966 , −48.9528)	(244.4785 , 140.6309 , 170.0757)
09/01 18:40	ANTI 5KPC ARM3	4	(246.7966 , −48.9528)	(244.2627 , 140.0609 , 169.8216)
09/01 20:46	ANTI 5KPC ARM4	5	(246.7966 , −48.9528)	(245.3847 , 140.7896 , 170.6718)
09/01 23:10	ANTI 5KPC ARM5	6	(246.7966 , −48.9528)	(245.1531 , 140.2313 , 170.4228)
09/02 00:50	ANTI 5KPC ARM6	1	(246.7966 , −48.9528)	(4244.9255 , 139.6425 , 170.1954)
09/02 02:30	ANTI 5KPC ARM7	2	(246.7966 , −48.9528)	(246.0473 , 140.3583 , 171.0494)
09/02 04:10	ANTI 5KPC ARM8	3	(246.7966 , −48.9528)	(245.8135 , 139.7888 , 170.8114)
09/02 05:50	ANTI 5KPC ARM9	4	(246.7966 , −48.9528)	(245.5814 , 139.2214 , 170.5790)
09/02 07:20	ANTI 5KPC ARM10	5	(246.7966 , −48.9528)	(246.7051 , 139.9338 , 171.4352)
09/02 09:00	ANTI 5KPC ARM11	6	(246.7966 , −48.9528)	(246.4649 , 139.3635 , 171.1942)

Comment: 本日の運用:
The mapping of anti-5kpc arm region is started. The SIS count rate is about 0.7 cps. At the first position, an extended source was clearly detected in the GIS field of view.
毎周回、star catalog の書き込みがあるのでなんかとっても忙しい。ところで 5 周目の bright で入感して faint に切替えて、 ctlg を書き込んでからまた bright というのは何か意味があるんですか？コマンド作成の伊予本さん、満田さん、鶴さんおつかれ様でした。明日もあと 10 数マヌーバよろしくお願いします (KIw)。鬼のようなマヌーバーをやって、鬼のように眠い。（金田）