

「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 ARM		2ANTI 5KPC ARM		2ANTI 5KPC ARM		3ANTI 5KPC ARM		4ANTI 5KPC ARM						
AOS(UT)	13:13:21		14:55:28		16:36:18		18:18:34		19:59:58						
LOS(UT)	13:26:04		15:07:51		16:49:21		18:30:39		20:11:24						
Max-El	29.399		57.542		Zenith		63.251		22.008						
Time	13:19:44		15:01:08		—		18:24:06		20:05:20						
Rep-band(stat.)	X (Complete)		X (Complete)		X (Complete)		X (Complete)		X (Complete)						
Rep-start	13:15:27		14:56:07		16:37:31/16:43:11		18:29:17		20:01:11						
DP-mode	OBS/ACS/OBS		OBS/ACS/OBS		OBS/ACS/OBS		OBS/ACS/OBS		OBS/ACS/OBS						
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing						
ACS-spn/ θ_s ϕ_s	Night		Night		Night		2.82178.21		2.24, 179.07						
Attitude	$\begin{bmatrix} 245.16438 \\ 141.12309 \\ 170.81666 \end{bmatrix}$		$\begin{bmatrix} 244.47820 \\ 140.63230 \\ 170.07609 \end{bmatrix}$		$\begin{bmatrix} 244.26226 \\ 140.05995 \\ 169.82214 \end{bmatrix}$		$\begin{bmatrix} 245.38546 \\ 140.78782 \\ 170.67274 \end{bmatrix}$		$\begin{bmatrix} 244.92557 \\ 139.64259 \\ 170.19541 \end{bmatrix}$						
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	Faint/Faint 0123/2301		Faint/Faint 0123/2301		Faint/Faint 0123/2301		Faint/Faint 0123/2301		Bright/Bright 0123/2301						
S0/1-TECT	-37.55/-37.39		-38.18/-37.24		-38.71/-38.56		-39.53/-39.38		-40.31/-40.11						
S0/1-CCDT	-61.62/-61.77		-61.67/-61.77		-61.67/-61.77		-61.67/-61.77		-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	26cps/27cps		28cps/28cps		33cps/31cps		29cps/2cps		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	ANTI5KPC ARM2	3	(246.7966 , -48.9528)	(244.4785 , 140.6309 , 170.0757)
09/01 18:40	ANTI5KPC ARM3	4	(246.7966 , -48.9528)	(244.2627 , 140.0609 , 169.8216)
09/01 20:46	ANTI5KPC ARM4	5	(246.7966 , -48.9528)	(245.3847 , 140.7896 , 170.6718)
09/01 23:10	ANTI5KPC ARM5	6	(246.7966 , -48.9528)	(245.1531 , 140.2313 , 170.4228)
09/02 00:50	ANTI5KPC ARM6	1	(246.7966 , -48.9528)	(4244.9255 , 139.6425 , 170.1954)
09/02 02:30	ANTI5KPC ARM7	2	(246.7966 , -48.9528)	(246.0473 , 140.3583 , 171.0494)
09/02 04:10	ANTI5KPC ARM8	3	(246.7966 , -48.9528)	(245.8135 , 139.7888 , 170.8114)
09/02 05:50	ANTI5KPC ARM9	4	(246.7966 , -48.9528)	(245.5814 , 139.2214 , 170.5790)
09/02 07:20	ANTI5KPC ARM10	5	(246.7966 , -48.9528)	(246.7051 , 139.9338 , 171.4352)
09/02 09:00	ANTI5KPC 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)