

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

95 年 3 月 27 日 Y+ 765 KSC 当番: R. Fujimoto and K. Sasaki

200pc Ring #1 → 200pc Ring #2

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5										
Pass No.	950327-0516	950327-0620	950327-0723	950327-0827	950327-0930										
Operation	X REP OP/OG 09 WRT TCU MEM MODE ERRCODE RST CPU2/3 STOP CPU2/3 RST OP START	X REP SBR-A RNG S-CTLG 01 WRT S-CTLG CHK OBSERVE MODE DE-0 ADRS OF RNG OFF	(YOHKOH)	X REP SBR-A RNG CPU2/3 STOP CPU2/3 RST GIS MEM MODE RNG OFF	X REP										
Target	200pc Ring #1	200pc Ring #1		200pc Ring #2	200pc Ring #2										
AOS(UT)	07:57:14	09:39:08		13:01:53	14:43:05										
LOS(UT)	08:08:16	09:50:59		13:14:10	14:54:57										
Max-El Time	18.876 08:03:11	56.968 09:44:18		62.166 13:07:15	22.409 14:48:29										
Rep-band(stat.)	X (Complete)	X (Complete)	()	X (Complete)	X (Complete)										
Rep-start	07:58:42	09:39:40		13:02:36	14:44:14										
DP-mode	OBS	OBS/ACS/OBS		OBS	OBS										
ACS-mode	Normal-Pointing	Normal-Pointing		Normal-Pointing	Normal-Pointing										
SUN-pos θ_s/ϕ_s	9.08/185.16	9.138/185.12		—/—	—/—										
Attitude	$\begin{bmatrix} 266.69481 \\ 117.66522 \\ 357.09589 \end{bmatrix}$	$\begin{bmatrix} 266.69490 \\ 117.66528 \\ 357.09636 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 265.74246 \\ 120.17381 \\ 356.90158 \end{bmatrix}$	$\begin{bmatrix} 265.74400 \\ 120.17463 \\ 356.90155 \end{bmatrix}$										
OP-start(CE)	08:06:02 (00h)	Cont (0Bh)	()	Cont (23h)	Cont (2Eh)										
GIS HAM ERR	ERR RST	Normal		Normal	Normal										
ACS ERR	(SH)MOMCHG	—		—	—										
SIS-mode	Bright/Bright 0123/2301	Bright/Bright 0123/2301		Bright/Bright 0123/2301	Bright/Bright 0123/2301										
S0/1-TECT	−35.56/−35.59	−35.07/−35.30		−34.64/−34.81	−34.68/−34.81										
S0/1-CCDT	−61.62/−61.72	−61.62/−61.72		−61.53/−61.53	−61.43/−61.44										
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)										
GIS LD Hit	25/25 cps	29/29 cps		27/28 cps	27/25 cps										
P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	CalCnt/sec	RT Pk
10	8	8	5	0	FLF	No	3/4	48	159	218	15.8	15.8	389.92	0.136	183.88
Pass: 950327-0516							3/4	40	159	218	10.4		413.18	0.120	180.60

GIS Mode Changes: None

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.90/23.50	19.90/23.40	−4.34/4.75	−4.21/4.78	5.10/9.03	8.17/9.60

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
3/27 12:40	200pc Ring #2	2	(265.9830 , −30.0900)	(256.7437 , 120.1701 , 356.9016)

Comment: 本日の運用: The target of today is 200pc Ring #1 and #2 (PI:Koyama, JPN). Total intensity of position 1 is 0.6 c/s/SIS and 3.5 c/s/GIS (including calibration sources). North area is very bright in GIS FOV, and the its spectrum is roughly fitted with thermal bremsstrahlung model of $kT \simeq 3$ keV. Complicated spectral structure is found around the iron line region. S0C3 spectrum is well explained with thermal bremsstrahlung model of $kT \simeq 8$ keV.

Aus- は「南の」という意味で、Triangulum Australe (TrA) は「南の三角座」でした。観測したものは「南の三角座銀河団」ということになるでしょうか。綴りはちょっとずつ違うけれども、「南の魚」、「南の冠」にもやはり Aus... という修飾語がつきます。Australia も語源は同じそうです。中川さん、山崎さん、どうもありがとうございました。