

「あすか」 **OPERATION REPORT** Rev.5 Ver 3.1
 96 年 4 月 8 日 Y+ 1143 KSC 当番: N. Yamasaki and Y. Goto and Y.

Matsumoto
 44 Ti Source #2 Galactic Ridge 6 #1

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5						
Pass No.	960408-1030	960338-1133	960408-1237	960408-1340	960408-1443						
Operation	X REP OP/OG-04 WRT TCU MEM MODE OP START	REP SBR A RNG STC03-WRT/CHK OBS MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR-A RNG CPU2/3 STOP/RST GIS MEM RNG OFF	X REP						
Target	44 Ti Source #2	44 Ti Source #2	Gal. Ridge6 #1	Gal. Ridge6 #1	Gal. Ridge6 #1						
AOS(UT)	14:39:57	16:22:02	18:03:03	19:45:00	21:26:26						
LOS(UT)	14:53:07	16:34:41	18:16:11	19:57:21	21:37:46						
Max-El	25.764	66.855	Zenith	55.040	18.052						
Time	14:46:28	16:27:44	—	19:50:41	21:31:45						
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)						
Rep-start	14:41:14	16:22:34	18:04:02/18:09:48	19:45:50	21:27:08						
DP-mode	OBS → TCU → OBS	OBS → ACS → OBS	OBS	OBS	OBS						
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing						
SUN-pos θ_s/ϕ_s	—/—	—/—	17.40/168.37	17.41/168.42	17.54/168.54						
Attitude	$\begin{bmatrix} 275.3197 \\ 123.4690 \\ 5.4196 \end{bmatrix}$	$\begin{bmatrix} 275.3210 \\ 123.4686 \\ 5.4199 \end{bmatrix}$	$\begin{bmatrix} 272.2068 \\ 109.5693 \\ 5.6118 \end{bmatrix}$	$\begin{bmatrix} 272.2072 \\ 109.5694 \\ 5.6124 \end{bmatrix}$	$\begin{bmatrix} 272.2094 \\ 109.5682 \\ 5.6137 \end{bmatrix}$						
OP-start(CE)	14:50:08 (00h)	Cont (0Ch)	Cont (1Fh)	Cont (2Ch)	Cont (38h)						
GIS HAM ERR	—	—	—	—	—						
ACS ERR	—	—	—	—	—						
SIS-mode	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301						
S0/1-TECT	−33.96/−34.23	−34.25/−34.42	−34.44/−34.62	−35.07/−35.25	−35.70/−35.83						
S0/1-CCDT	−60.59/−60.36	−60.49/−60.26	−60.35/−60.12	−60.35/−60.12	−60.49/−60.26						
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	27/25 cps	31/31 cps	31/27 cps	27/25 cps	27/24 cps						
P X Y R S	Pos	MErr	HV_HL	Gain	RT-L RT-U	Temp	RBMT	CalPk	CalCnt	CalTim	RT Pk
10 8 8 5 0	FLF	No	3/4	48	159 218	18.6 19.1		377.98 2321	22210	184.27	
Pass: 96040081030			3/4	40	159 218	13.1		398.66 2234	22210	179.82	
SIS Mode Changes: Faint(bit-H),Bright(bit-M) 0123/2301, LVL(0.7keV) for 44 Ti Source #2 and Galactic ridge 6-#1, #2, #3, and #4											
GIS Mode Changes: PH 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
19.50/23.30	19.50/23.30	-4.86/4.75	-4.68/4.80	6.48/7.61	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
4/8 17:00	Gal Ridge6 #1	3	(272.4439 , -19.4157)	(272.2072 , 109.5692 , 5.6116)
4/8 22:30	Gal Ridge6 #2	4	(272.6996 , -18.9779)	(272.4685 , 109.1332 , 5.8461)
4/9 08:10	Gal Ridge6 #3	5	(272.9539 , -18.5397)	(272.7204 , 108.6938 , 6.0795)
4/9 10:30	Gal Ridge6 #3	6	(273.2070 , -18.1012)	(272.97794 , 108.2606 , 6.3141)

Comment: 本日の運用: We observed 44 Ti Source #2 (PI:Koyama, JPN) and Galactic Ridge 6 #1 (PI:S. Yamauchi,JPN). A soft source is detected in the GIS field of view at Ridge 6-#1 observation.

44 Ti Source の #2 は全体に暗いようです。また Galactic Ridge 観測が 3 日ほど続きます。最初の pointing では GIS の視野にはっきりとしたソースがうかっています。

今日は HAM ERR も ACS ERR のでない静かな日でした。(それだけで嬉しい山崎)

最初の覚悟が足りなくて、いきなり 2 8 時間寝られない生活に音をあげてしまいました。次に来る人はよく情報を仕入れて来て下さい。しかし昨日 R 1 0 号沿いでおばちゃんが直売していた苺はうまかった。(征大)

ようやく解放される…。

それから QL 解析中、寝ないでね>松本君。(後藤)