

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 09 月 03 日 Y+ 1291 KSC 当番:
K.Yoshida, Y.Ikebe and T.Asanuma, K.Leighly

GAL-RIDGE5 #10 → ROH.OPH.EAST

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	960903-0929	960903-1032	960903-1135	960903-1239	960903-1342											
Operation	X-REP OP/OG-14 WRT TCU-MEM STAR-03 WRT S-CTLG-CHK OBSERVE ACS-ERR-RST OP-START	X-REP SBR-A-RNG RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF	X-REP DE-0-ADRS-ON											
Target	GAL-RIDGE5 #10	ROH.OPH.EAST	ROH.OPH.EAST	ROH.OPH.EAST	ROH.OPH.EAST											
AOS(UT)	14:00:10	15:41:58	17:22:53	19:04:48	20:46:16											
LOS(UT)	14:13:11	15:54:40	17:36:17	19:17:37	20:57:38											
Max-El	25.24°	66.04°	Zenith	57.10°	19.34°											
Time	14:06:24	15:47:40	—	19:10:39	20:51:45											
Rep-band(stat.)	X (Complete)	X (Complete)	X (Ccomplete)	X (Complete)	X (Complete)											
Rep-start	14:01:57	15:43:12	17:23:36/17:29:56	19:05:41	20:46:53											
DP-mode	OBS/TCU/OBS/ ACS/OBS	OBS	OBS	OBS/GIS-MEM/OBS	OBS											
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing											
SUN-pos θ_s/ϕ_s	—	—	—	1.44°/5.57°	1.52°/5.28°											
Attitude	$\begin{bmatrix} 257.7288^\circ \\ 129.8746^\circ \\ 176.6046^\circ \end{bmatrix}$	$\begin{bmatrix} 248.2811^\circ \\ 114.5112^\circ \\ 171.4683^\circ \end{bmatrix}$	$\begin{bmatrix} 248.2834^\circ \\ 114.5131^\circ \\ 171.4717^\circ \end{bmatrix}$	$\begin{bmatrix} 248.2834^\circ \\ 114.5130^\circ \\ 171.4719^\circ \end{bmatrix}$	$\begin{bmatrix} 248.2834^\circ \\ 114.5127^\circ \\ 171.4720^\circ \end{bmatrix}$											
OP-start(CE)	14:10:09 (00h)	Cont (15h)	Cont (21h)	Cont (2Dh)	Cont (39h)											
GIS HAM ERR	—	—	—	—	—											
ACS ERR	(SH)MOMCHG → Reset	—	—	—	—											
SIS-mode	Faint 0123/2301	Bright 0123/2301	Bright 0123/2301	Bright 0123/2301	Bright 0123/2301											
S0/1-TECT	-36.09/-36.03°C	-36.43/-36.08°C	-36.92/-36.51°C	-37.89/-37.49°C	-39.24/-38.90°C											
S0/1-CCDT	-61.61/-61.62°C	-61.62/-61.67°C	-61.62/-61.67°C	-61.62/-61.72°C	-61.62/-61.72°C											
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	27/26 cps	26/27 cps	31/31 cps	32/32	25/23 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	0	3/4	48	159	218	16.4	16.3	383.96	714	9374	183.97
Pass: 960903-0929							3/4	40	159	218	10.4		398.26	633	9374	180.44

SIS Mode Changes: Bright 0123/2301 for RHO.OPH.EAST

GIS Mode Changes: PH 10-8-8-5-0-0 for Galactic Ridge5

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	19.60/23.30	-4.72/5.07	-4.60/4.76	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
09/03 15:20	ROH.OPH.EAST	2	(247.9871 , -24.6061)	(248.2831 , 114.5135 , 171.4716)

Comment: 本日の運用: In the field of the Galactic Ridge 5 #10 (PI=S.YAMAUCHI: JPN), a point like source was detected. Its flux was ~ 1 mCrab. This may be the same source as the one listed in the Rosat Bright Source Catalog (PSPC count rate $\sim 0.5c/s$). Galactic Ridge5 の観測が終わりました。最後に (#10) RXSJ170848.0-400910 という point-like (?) な ROSAT bright source catalog にある天体がうかっていました。かなり強い X 線源ですが、強い吸収を受けています。ところで、QL 中に Workstation の QL 画面が落ちて焦りました。(浅沼)

I found a praying mantis about 5 inches long. It is very difficult to work all night and remain alert. (Karen Leighly)