

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1997 年 04 月 12 日 Y+ 1512 KSC 当番: K. Matsushita and T. Yoshioka

Gal.Ridge 7 #10 → Z_Cam → SU UMa → GRO 1838-04 → Serpens

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	970412-0102	970412-0206	970412-0309	970412-0412	970412-0516											
Operation	X-REP OP/OG-05 WRT TCU-MEM ACS-ERR-RST CPU2/3-STOP CPU2/3-RST OP-START 07 DE-0-ADRS-ON	X-REP SBR-A-RNG STAR-02 WRT S-CTLG-CHK OBSERVE BAT-B-TCL-ON DE-0-ADRS-ON RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP OP/OG-08 WRT TCU-MEM BDR-STOP X-REP BDR-STOP ECLIPSE-ENA STA-CAL-ENA STB-CAL-ENA OP-START	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF											
Target	Gal.Ridge 7 #10	Gal.Ridge 7 #10	Gal.Ridge 7 #10	Z_Cam	Z_Cam 1838-04											
AOS(UT)	00:50:48	02:31:13	04:12:36	05:54:16	07:35:51											
LOS(UT)	01:02:18	02:44:15	04:25:56	06:07:16	07:48:27											
Max-El	12.414°	41.109°	Zenith	Zenith	37.096°											
Time	00:56:21	02:37:19	—	—	07:41:32											
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)											
Rep-start	00:52:29	02:32:19	04:13:23/04:20:15	05:54:55/06:00:47	07:36:33											
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS/GIS/OBS											
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing											
SUN-pos θ_s/ϕ_s	17.53°/148.57°	17.57°/148.66°	17.61°/148.93°	3.95°/ 18.53°	4.03°/15.04°											
Attitude	$\begin{bmatrix} 276.8957^\circ \\ 85.6752^\circ \\ 15.3695^\circ \end{bmatrix}$	$\begin{bmatrix} 276.8957^\circ \\ 85.6752^\circ \\ 15.3695^\circ \end{bmatrix}$	$\begin{bmatrix} 276.8957^\circ \\ 85.6752^\circ \\ 15.3695^\circ \end{bmatrix}$	$\begin{bmatrix} 127.0208^\circ \\ 16.8819^\circ \\ 162.9230^\circ \end{bmatrix}$	$\begin{bmatrix} 127.0208^\circ \\ 16.8819^\circ \\ 162.9230^\circ \end{bmatrix}$											
OP-start(CE)	00:58:07 (01h)	Cont (09h)	Cont (16h)	06:04:41 (00h)	Cont (09h)											
GIS HAM ERR	ERR→Reset	—	—	—	—											
ACS ERR	(SH)MOMCHG→Reset	—	—	—	—											
SIS-mode	Faint 0123/2301	Faint 0123/2301	Faint 0123/2301	Faint 1111/3333	Faint 1111/3333											
S0/1-TECT	−35.75/−35.83°C	−35.12/−35.25°C	−34.83/−34.96°C	−33.91/−34.08°C	−33.28/−33.55°C											
S0/1-CCDT	−60.49/−60.12°C	−60.68/−60.31°C	−60.68/−60.36°C	−60.59/−60.26°C	−60.21/−59.94°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	30/29cps	28/28 cps	30/29 cps	29/33 cps	28/31 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	1	3/4	48	159	218	17.2	18.0	373.05	226	3486	184.56
Pass: 970412-0102							3/4	40	159	218	12.0		388.84	213	3486	179.65

SIS Mode Changes: Gal.Ridge 7 :4CCD(0123/2301) F/B H/M (LD 1.1 keV)
Z_Cam, SU UMa :1CCD(1111/3333) Faint (LD OFF)
GRO 1838-04 :4CCD(0123/2301) F/B H/M (LD 0.7 keV ON)
Serpens :4CCD(0123/2301)/2CCD(3030/1212) F/F H/M (LD 0.48/0.55 keV ON)

GIS Mode Changes: PH 10-8-8-5-0-0

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.20/23.30	19.20/23.30	-4.47/4.75	-4.34/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
04/12 05:40	Z_Cam	2	(126.3058, 73.1109)	(127.0208, 16.8819, 162.9230)
04/12 17:20	SU UMa	3	(123.1179, 62.6061)	(123.5408, 27.3291, 177.7640)
04/13 07:00	GRO 1838-04	4	(279.2592, -4.4836)	(279.0440, 94.6491, 7.7126)
04/13 23:45	Serpens	5	(277.4554, 1.2563)	(277.1685, 85.6752, 209.0940)

Comment: 本日の運用: We have observed Gal. Ridge 7 #10 (PI=S.Yamauchi JPN) and Z_Cam (PI=M.Watson ESJ). The count rates of Z_Cam were 0.2 c/s and 0.1 c/s for the GIS and SIS respectively.

A80 の backup の件は、A80 をリブートしたところ解決したようです。でも、原因はよくわかりません。ともかくも、ようやく一週間が終ってほっとしています。あと、1日運用すれば楽隠居ができると期待しています。(松下)

Yohkoh の人達とシャレになってない KSC スゴロクを作ってたら、さっそくその晩、入浴中に灯油が切れてお湯が出なくなりました。やっぱりパチが当たったのだろうか？（1 パス休み: 吉岡）追伸、更にその後、Yohkoh の人は検出器エラーで苦しんでました。（3 パス休み）