

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

96 年 3 月 14 日 Y+ 1118 KSC 当番: H. Kaneda and K. Haga

GAL RIDGE#1 → #2 → #3 → #4

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5						
Pass No.	960314-0206	960314-0309	960314-0412	960314-0516	960314-0619						
Operation	X REP DE-0-ADRS-ON OP/OG-04 WRT TCU MEM MODE OP START	X REP SBR A RNG SCT-03 WRT S-CTLG CHK OBSERVE 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 DE 0 ADRS OF						
Target	GAL RIDGE#1	GAL RIDGE#1	GAL RIDGE#1	GAL RIDGE#2	GAL RIDGE#2						
AOS(UT)	02:30:36	04:11:46	05:52:40	07:34:27	09:15:49						
LOS(UT)	02:42:06	04:24:15	06:05:55	07:47:27	09:28:29						
Max-El	14.912	47.568	Zenith	Zenith	31.656						
Time	02:36:14	04:17:16	—	—	09:21:36						
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)						
Rep-start	02:31:49	04:12:19	05:53:33/05:59:21	07:36:05	09:16:49						
DP-mode	OBS → TCU → OBS	OBS → ACS → OBS	OBS	OBS → GIS → OBS	OBS						
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing						
SUN-pos θ_s/ϕ_s	1.12/170.15	1.17/170.58	1.22/170.98	1.06/172.42	1.11/172.78						
Attitude	$\begin{bmatrix} 261.0892 \\ 125.6152 \\ 356.1668 \end{bmatrix}$	$\begin{bmatrix} 261.0902 \\ 125.6153 \\ 356.1704 \end{bmatrix}$	$\begin{bmatrix} 261.2735 \\ 125.2278 \\ 355.9833 \end{bmatrix}$	$\begin{bmatrix} 261.4322 \\ 125.2051 \\ 356.2887 \end{bmatrix}$	$\begin{bmatrix} 261.4323 \\ 125.2051 \\ 356.2891 \end{bmatrix}$						
OP-start(CE)	02:38:37 (00h)	Cont (0Dh)	Cont (1Ah)	Cont (2Ch)	Cont (37h)						
GIS HAM ERR	—	—	Err → Normal	—	—						
ACS ERR	(SH)MOMCHG — Reset	—	—	—	—						
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	−39.49/−39.09	−39.58/−39.24	−38.81/−38.46	−37.98/−37.63	−37.74/−37.39						
S0/1-CCDT	−61.67/−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	24/25 cps	27/25 cps	31/30 cps	30/30 cps	27/28 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	13.1 13.1	391.28 454	4410 183.85			
Pass: 9603140206			3/4	40	159 218	7.6	412.54 416	4410 181.15			

SIS Mode Changes: Faint(bit-H),Bright(bit-M) 0123/2301, LVL ON(0.7 keV),AD ON for GAL RIDGE
Frame mode (S0C0123) × 1 and Frame mode (S1C2301) × 1 during GAL RIDGE#1 obs.

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
19.60/23.20	19.70/23.30	-4.68/4.73	-4.38/4.76	5.10/6.48	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
3/14 06:10	GAL RIDGE #2	4	(261.7505 , −35.0870)	(261.4321 , 125.2063 , 356.2888)
3/14 14:10	GAL RIDGE #3	5	(262.0893 , −34.6713)	(261.7741 , 124.7883 , 356.4273)
3/14 20:40	GAL RIDGE #4	6	(262.7569 , −33.8374)	(262.1114 , 124.3724 , 356.5749)

Comment: 本日の運用: We observed Galactic Ridge (JPN, PI=Yamauchi). The counting rate is 0.09 counts/s (GIS, $r \leq 10'$).

暇有り、飯付き、散歩付き。運用時間も理想的。命令なく、勝手に止まる乾燥機。(芳賀) なあんだ。藤田朋子は差止めですか。(金田)