

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

96 年 3 月 31-4/1 日 Y+ 1135-1136 KSC 当番: S. Ueno and Y. Goto

Galactic Ridge4 #2, 3, 4, 5, 6, 7

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5						
Pass No.	960331-1238	960331-1341	960331-1444	960331-1548	960401-0103						
Operation	X REP OP/OG-04 WRT TCU MEM MODE STC01-WRT/CHK OBS MODE CPU2/3 STOP/RST OP START	X REP SBR A RNG STC02-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 DE-0 ADRS ON						
Target	Galactic Ridge4 #2	Galactic Ridge4 #3	Galactic Ridge4 #3	Galactic Ridge4 #3	Galactic Ridge4 #4						
AOS(UT)	18:34:29	20:16:28	21:57:32	23:39:24	01:20:46						
LOS(UT)	18:46:52	20:28:29	22:09:51	23:51:12	01:31:33						
Max-El	24.802	66.713	Zenith	51.834	16.585						
Time	18:40:39	20:21:50	—	23:44:39	01:25:41						
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)						
Rep-start	18:36:21	20:17:09	21:58:35/22:03:57	23:40:18	01:21:38						
DP-mode	OBS → TCU → ACS → 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	13.01/151.90	12.75/152.34	12.80/152.44	12.87/152.60	12.61/153.06						
Attitude	$\begin{bmatrix} 269.8380 \\ 113.4962 \\ 6.0345 \end{bmatrix}$	$\begin{bmatrix} 270.1056 \\ 113.0609 \\ 6.0350 \end{bmatrix}$	$\begin{bmatrix} 270.1058 \\ 113.0610 \\ 6.0343 \end{bmatrix}$	$\begin{bmatrix} 270.1056 \\ 113.0611 \\ 6.0357 \end{bmatrix}$	$\begin{bmatrix} 270.3746 \\ 112.6234 \\ 6.0330 \end{bmatrix}$						
OP-start(CE)	18:43:59 (00h)	Cont (12h)	Cont (1Eh)	Cont (2Ah)	Cont (3Ch)						
GIS HAM ERR	Err → Reset	—	—	—	—						
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	−35.56/−35.59	−35.56/−35.54	−36.04/−36.03	−36.43/−36.37	−36.53/−36.42						
S0/1-CCDT	−60.68/−60.36	−60.68/−60.36	−60.82/−60.45	−60.96/−60.59	−61.06/−60.69						
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	26/24 cps	31/29 cps	30/30 cps	30/29 cps	28/26 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	16.4 16.3	378.59 502	4926 184.35			
Pass: 9603311238			3/4	40	159 218	10.9	409.75 458	4926 180.26			

SIS Mode Changes: Faint(bit-H),Bright(bit-M) 0123/2301, LVL(0.7keV)

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
19.40/23.20	19.40/23.20	-5.03/4.75	-4.55/4.78	5.93/7.04	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
3/31 18:50	Gal Ridge4 #3	6	(270.3453 , -22.9045)	(270.1053 , 113.0608 , 6.0333)
4/1 00:10	Gal Ridge4 #4	1	(270.6132 , -22.4699)	(270.3747 , 112.6230 , 6.0330)
4/1 06:30	Gal Ridge4 #5	2	(270.8794 , -22.0348)	(270.6416 , 112.1931 , 6.0326)
4/1 11:20	Gal Ridge4 #6	3	(271.1440 , -21.5993)	(270.9056 , 111.7556 , 6.0323)
4/1 17:10	Gal Ridge4 #7	4	(271.4070 , -21.1634)	(271.1734 , 111.3197 , 6.0305)

Comment: 本日の運用: We observed Galactic Ridge#2, 3, 4 (JPN, PI=S. Yamauchi). The counting rate is 0.5~5 counts/s depending locations(GIS, $r \leq 7'$).

運用にもだいぶ慣れてきました。明日は3時30分、明後日は1時30分からの運用なので、ネボウしないか心配です…(後藤)。

きょうは、朝からギックリ背中になって、WSをリブートして、入感5分前にMSがうまく立ち上がらなくて、と色々あった。猫が腹をすかしている(上野史郎)。