「あすか」 OPERATION REPORT Rev.5 Ver 3.1

96 年 2 月 16 日　Y+ 1091　KSC 当番: M. Ishida and S. Suzuki

GX301−2 → M4 #1, 2, 3, 4

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	960216–1133	960216–1236	960216–1339	960216–1443	960216–1546
Operation	X REP OP/OG-01 WRT TCU MEM MODE ERRCODE RST OP START	X REP SBR A RNG SCT-04 WRT S-CTLG CHK OBSERVE MODE RNG OFF	YOHKOH 「ようこ！」	X REP SBR-A RNG OP/OG-03 WRT TCU MEM MODE CPU23 STP/RST GIS MEM MODE ERRCODE RST OP START RNG OFF	X REP
Target	GX301−2	GX301−2		M4 #1	M4 #1
AOS(UT) LOS(UT)	16:04:28 16:16:21	17:46:08 17:58:03		21:08:45 21:21:04	22:50:00 23:01:44
Max-El Time	21.360 16:10:14	62.059 17:51:21		57.309 21:14:13	19.975 22:55:22
Rep-band(stat.) Rep-start	X (Complete) 16:05:24	X (Complete) 17:46:44	( )	X (Complete) 21:09:20	X (Complete) 22:51:03
DP-mode	OBS → TCU → OBS	OBS → ACS → OBS		OBS → TCU → OBS → GIS → OBS	OBS
ACS-mode SUN-pos θ_S/ϕ_S Attitude	Normal–Pointing —/— 186.31812 152.63526 300.15348	Normal–Pointing —/— 186.31783 152.63522 300.15356		Normal–Pointing 11.27/350.55 245.90144 116.67115 349.56324	Normal–Pointing 11.05/349.64 245.90258 116.67129 349.56115
OP-start(CE)	16:13:14 (00h)	Cont (09h)	( )	21:18:16 (00h)	Cont (0Bh)
GIS HAM ERR	—	—		Err → Reset	—
ACS ERR	(SH)MOMCHG	—		(SH) MOMCHG	—
SIS-mode S0/1-TECT S0/1-CCDT	Faint/Faint 1111/3333 −33.18/−33.40 −60.21/−59.89	Faint/Faint 1111/3333 −33.57/−33.70 −60.07/−59.80		Faint/Faint 1212/1212 −34.44/−34.57 −59.88/−59.61	Faint/Faint 1212/1212 −35.36/−35.44 −60.12/−59.84
GIS-mode GIS LD Hit	PH(10–8–8–5–0) 34/35 cps	PH(10–8–8–5–0) 50/59 cps		PH(10–8–8–5–0) 32/28 cps	PH(10–8–8–5–0) 26/24 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	16.9	16.9	384.14	1652	16488	183.86
Pass: 9602161133							3/4	40	159	218	11.5		408.25	1518	16488	180.34

SIS Mode Changes: GX301−2 : Faint(bit-H),Faint(bit-M) 1111/3333,LVL OF
M4 #1,2,3,4 : Faint(bit-H),Bright(bit-M) 1212/1212,LVL OF

GIS Mode Changes: PH 10-8-8-5-0 (GX301−2, M4 #1, 2, 3)
PH 8-6-6-0-0 (M4 #4)

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
19.40/23.30	19.40/23.30	-4.47/4.75	-4.47/4.78	6.48/7.89	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
2/16 20:10	M4 #1	6	(245.9167 , -26.5167)	(245.9022 , 116.6724 , 349.5632)
2/17 7:10	M4 #2	1	(245.9167 , -26.5167)	(245.7672 , 116.3705 , 349.4122)
2/17 20:10	M4 #3	2	(245.9167 , -26.5167)	(245.4962 , 116.8390 , 349.3328)
2/18 8:30	M4 #4	3	(245.9167 , -26.5167)	(245.3582 , 116.5377 , 349.1791)

Comment: 本日の運用: *ASCA* observed GX301-2 (PI=Liang; US). Counting rate is 6.4 c/s for the SIS. Counting rate is 3.8 c/s for the GIS. A series of M4 observations (globular cluster; PI=Makishima) started. It is difficult to find any significant sources with the first 5 ksec observation.
今日はこちらにきて初めて雨が降っています。九州以外は軒並雪のようですね。この暖かさなのに、おばちゃんたちはセー

ターを着て寒い寒いと言っています。（石田）

山の上にあるからか、海が近いからか、ここはよく雨が降ります。にもかかわらず、室内は全くジメジメしておらず、外にでないと雨とわかりません。(食堂にいると音でわかりますが) 大量の計算機を冷やすための強力クーラーのお蔭でしょう。いや〜快適快適。(鈴木)