

c/sec/SIS. We maneuvered to Crab for calibration. GRO J1655 は非常に明るく、bit-H/Faint で SIS のテレメがサチっていたので、3pass 目に Bright mode を打ち、数 10 分間だけ bit-H Bright を試みました。結果は、像の中心は撮れたもののまだサチっています。このところ明るい source が続いているので、fitting はなにをしても合いません (´-`;)。

台風情報：直撃は避けられそうで、今夜 (9/28) 深夜に最接近です。「ようこう」は 1 pass 目が午前 2:00 なので、受信できるかどうか微妙なようですが、「あすか」はできそうです。。松本君のタンカがきいたようです (小賀坂)。

その手の脅し文句はおまかせください (松本)。

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 09 月 28 日 Y+ 585 KSC 当番: Y.Ogasaka、H.Matsumoto

GRO J1655/Crab

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5						
Pass No.	940928-0101		940928-0204		940928-0308		940928-0411		940928-0515						
Operation	X REP OP/OG-05 WRT TCU MEM MODE CPU-2/3 STOP CPU-2/3 RST OP START		X REP RNG-A STAR-03 WRT S CTLG CHK OBSERVE MODE BRIGHT MODE RNG-OFF		X REP BDR STOP X RES BDR STOP		X REP RNG A CPU2/3 STOP CPU2/3 RST GIS MEM MODE RNG OFF		X REP						
Target	GRO J1655		GRO J1655		GRO J1655		Crab		Crab						
AOS(UT)	00:15:21		01:57:20		03:38:00		05:20:07		07:01:30						
LOS(UT)	00:27:01		02:09:05		03:50:37		05:32:24		07:13:00						
Max-El Time	18.15 00:21:21		55.17 02:02:31		Zenith ———		63.59 05:25:32		23.01 07:06:49						
Rep-band(stat.)	X (Complete)		X (Complete)		X (Complete)		X (Complete)		X (Complete)						
Rep-start	00:16:58		01:57:57		03:38:59/03:44:44		05:20:41		07:02:07						
DP-mode	OBS		OBS/ACS/OBS		OBS		OBS		OBS						
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing						
ACS-spn/ θ_s ϕ_s	17.07, 0.98		17.12, 1.15		17.20, 1.15		18.75, 234.03		18.78, 233.95						
Attitude	$\begin{bmatrix} 253.76849 \\ 129.82079 \\ 168.08266 \end{bmatrix}$		$\begin{bmatrix} 253.76753 \\ 129.82104 \\ 168.07964 \end{bmatrix}$		$\begin{bmatrix} 249.06438 \\ 130.97856 \\ 163.37806 \end{bmatrix}$		$\begin{bmatrix} 83.41379 \\ 68.00812 \\ 346.86088 \end{bmatrix}$		$\begin{bmatrix} 83.41403 \\ 68.00847 \\ 346.86185 \end{bmatrix}$						
OP-start(CE)	00:24:06 (00h)		Cont (08h)		Cont (10h)		Cont (24h)		Cont (31h)						
GIS HAM ERR	Error/Reset		Normal		Normal		Normal		Normal						
ACS ERR	———		———		———		———		———						
SIS-mode	Faint/Faint 1111/3333		Faint/Faint 1111/3333		Faint/Faint 1111/3333		Faint/Faint 0123/2301		Faint/Faint 0123/2301						
S0/1-TECT	-39.83/-39.72		-40.12/-40.01		-39.73/-39.72		-38.81/-38.85		-38.66/-38.51						
S0/1-CCDT	-61.67/-61.77		-61.71/-61.81		-61.71/-61.81		-61.71/-61.81		-61.67/-61.81						
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	26cps/23cps		29cps/30cps		29cps/39cps		56cps/62cps		24cps/25cps						
P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
10	8	8	5	0	FLF	NO	3/4	48	159	218	12.7	12.0	399.61	183.52	888
Pass: 940928-0101							3/4	40	159	218	5.1		388.13	181.14	754
GIS Mode Changes: PH10-8-8-5-0 <—> MPC / 8-6-6-0-0 (Crab)															

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
20.00/23.40	20.10/23.50	-4.12/4.75	-4.12/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
09/28 04:00	Crab	5	(83.6330 , 22.0145)	(83.4126 , 68.0064 , 346.8642)

Comment: 本日の運用:

We observed GRO J1655(TOO). It was unexpectedly bright and counting rates were 78.4 c/sec/GIS and 74.0