「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) LOS(UT)	00:15:21 00:27:01	01:57:20 02:09:05	03:38:00 03:50:37	05:20:07 05:32:24	07:01:30 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.) Rep-start	X (Complete) 00:16:58	X (Complete) 01:57:57	X (Complete) 03:38:59/03:44:44	X (Complete) 05:20:41	X (Complete) 07:02:07
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s ϕ_s	Normal–Pointing 17.07, 0.98	Normal–Pointing 17.12, 1.15	Normal–Pointing 17.20, 1.15	Normal–Pointing 18.75, 234.03	Normal–Pointing 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

c/sec/SIS. We maneuverd 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）。