

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 08 月 01 日 Y+ 1258 KSC 当番: M. Itoh and K. Misaki

ETA_CARINAE → Cas A c1o_2 → Cas A c1x_3

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	960801-0412	960801-0516	960801-0619		960801-0826											
Operation	X-REP OP/OG-04 WRT TCU-MEM OP-START	X-REP SBR-A-RNG STAR-02 WRT S-CTLG-CHK OBSERVE CPU2/3-STOP CPU2/3-RST RNG-OFF	X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM BDR-STOP X-REP BDR-STOP	(YOHKOH)	X-REP SBR-A-RNG RNG-OFF											
Target	ETA_CARINAE	ETA_CARINAE	ETA_CARINAE		Cas A c1o_2											
AOS(UT)	05:50:29	07:32:07	09:12:58		12:36:26											
LOS(UT)	06:03:09	07:45:00	09:26:32		12:48:44											
Max-El	17.298°	51.641°	Zenith		28.74°											
Time	05:56:41	07:37:48	—		12:42:05											
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	()	X (Complete)											
Rep-start	05:52:42	07:32:54	09:14:202/09:19:50		12:37:22											
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS/GIS/OBS		OBS											
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing		Normal-Pointing											
SUN-pos θ_s/ϕ_s	19.14°/62.56°	19.19°/62.60°	19.25°/62.57°		11.49°/230.56°											
Attitude	$\begin{bmatrix} 161.63455^\circ \\ 149.77773^\circ \\ 135.64148^\circ \end{bmatrix}$	$\begin{bmatrix} 161.63360^\circ \\ 149.77752^\circ \\ 135.64112^\circ \end{bmatrix}$	$\begin{bmatrix} 161.63369^\circ \\ 149.77759^\circ \\ 135.64183^\circ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 350.70763^\circ \\ 31.42388^\circ \\ 44.14821^\circ \end{bmatrix}$											
OP-start(CE)	05:59:38 (00h)	Cont (09h)	Cont (13h)	()	Cont (33h)											
GIS HAM ERR	—	ERR → Reset	—		—											
ACS ERR	—	—	—		—											
SIS-mode	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333		Faint/Faint 1111/3333											
S0/1-TECT	−41.23/−41.23°C	−41.09/−41.13°C	−40.75/−40.84°C		−39.87/−39.87°C											
S0/1-CCDT	−61.67/−61.81°C	−61.71/−61.81°C	−61.71/−61.81°C		−61.71/−61.81°C											
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)											
GIS LD Hit	28/24 cps	25/29 cps	31/33 cps		58/65 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	2	3/4	48	159	218	11.5	11.4	392.56	750	9160	183.87
Pass: 960801-0412							3/4	40	159	218	6.0		419.65	638	9160	181.20

SIS Mode Changes: Faint(bit-H,M) 1111/3333, ADR Off LVL Off for ETA_CARINAE
 Faint&Fast(bit-H,M) 1111/3333, ADR Off LVL On for Cas A c1o_2
 Faint(bit-H,M) 1111/3333, ADR Off LVL On for Cas A c1x_3(1)
 Faint(bit-H,M) 1212/3030, ADR On/Off LVL On for Cas A c1x_3(2)

GIS Mode Changes: PH 10-8-8-5-0-0

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.40/23.30	3.60/23.30	-4.38/4.73	-4.55/4.82	4.82/9.32	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/01 12:10	Cas A c1o_2	4	(350.8542 , 58.8144)	(350.7081 , 31.4244 , 44.1485)
08/01 20:34	Cas A c1x_3	5	(350.8542 , 58.8144)	(350.6767 , 31.2740 , 44.1566)

Comment: 本日の運用: Third day of the observation of Eta-Carina (PI=M.Corcoran; MUJ). The count rates were 0.75 c/s for GIS (background roughly subtracted) and 1.3 c/s for SIS (background included). Between the 3rd and 5th pass, we moved to the SIS calibration with Cas A. The count rate obtained in the 5th pass was 31 c/s for GIS (background roughly subtracted). 5pass の約 30 分前に Eta Carina から Cas A に姿勢変更し、5pass 中に STT cal がかかりました。これにともなう姿勢の移動が GIS の画像でわかりました。Cas A の観測中に SIS address discri/ level discri の設定を変更しています。(伊藤)

衝撃! ああブラジル、、、。確かにナイジェリアの選手はみんな強いし、速いし、バランスも凄いいけど、やっぱりブラジルの方が美しいと思うんだけどなあ、あーあ。ヨーロッパ選手権に続いて(ポルトガルに優勝して欲しかった)期待が裏切られて、とても残念です。(アルゼンチン対ナイジェリアの決勝はアルゼンチンに賭けたいみさき)