

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 12 月 21/22 日 Y+ 2495/2496 KSC 当番: H. Tomida and J. Kotoku

A1060-4 → ABEL2589

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	991221-1339		991221-1546		991222-0205
Operation	X-REP OP/OG-05 WRT TCU-MEM OP-START	(YOHKOH)	X-REP STAR-05 WRT S-CTLG-CHK OBSERVE BDR-STOP X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM BDR-STOP	(YOHKOH)	X-REP SBR-A-RNG RNG-OFF
Target	A1060-4		A1060-4		A1060-4
AOS(UT)	19:26:05		22:45:54		02:06:46
LOS(UT)	19:35:53		22:57:30		02:18:12
Max-El	12.83°		Zenith		28.96°
Time	19:31:21		—		02:11:56
Rep-band(stat.)	X (Complete)	()	X (Complete)	()	X (Complete)
Rep-start	19:26:36		22:46:19/22:52:03		02:07:11
DP-mode	OBS/TCU/OBS		OBS/ACS/OBS/ GIS/OBS		OBS
ACS-mode	Normal- Pointing		Normal- Pointing		Normal- Pointing
SUN-pos θ_s/ϕ_s	—°/—°		6.57°/160.09°		6.69°/159.77°
Attitude	$\begin{bmatrix} 158.39058^\circ \\ 117.69307^\circ \\ 331.51891^\circ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 158.38954^\circ \\ 117.69381^\circ \\ 331.51914^\circ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 158.38989^\circ \\ 117.69381^\circ \\ 331.51958^\circ \end{bmatrix}$
OP-start(CE)	19:33:10 (00h)	()	Cont (13h)	()	Cont (26h)
GIS HAM ERR	—		—		ERR → Reset
ACS ERR	—		—		—
SIS-mode	FN/FN 1111/3333		FN/FN 1111/3333		FN/FN 1111/3333
S0/1-TECT	-39.29/ — 39.24°C		-40.17/ — 40.01°C		-40.26/ — 40.06°C
S0/1-CCDT	-61.62/ — 61.72°C		-61.62/ — 61.72°C		-61.62/ — 61.72°C
GIS-mode	PH(10-8-8-5-0)		PH(10-8-8-5-0)		PH(10-8-8-5-0)
GIS LD Hit	19.9/18.7 c s ⁻¹		28.9/30.2 c s ⁻¹		29.9/25.4 c s ⁻¹

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	1	3/4	48	159	218	17.5	17.4	369.85	599	15714	184.58
Pass: 991221-1339							3/4	40	159	218	11.5		392.20	550	15714	179.60

SIS Mode Changes:	A1060-4 1CCD(1111/3333) FNT/FNT, LVL OFF, ADR OFF
	ABELL2589 1CCD(1111/3333) FNT/BRT, LVL OFF, ADR OFF

GIS Mode Changes:	ABELL1060-4 PH(10-8-8-5-0)
	ABELL 2589 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
18.30/23.30	18.30/23.30	-5.50/4.83	-5.59/4.97	4.82/8.74	5.37/6.48

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
12/22 08:40	ABEL2589	6	(350.9892, 16.7771)	(351.1571, 73.0925, 199.9632)

Comment: 本日の運用: The GIS count rate of A1060-4 (H.Ezawa, JPN) including a point source is 0.3 cts/sec. The

SIS count rate is 0.04 cts/sec.

■ 今日の最終パスの消感前に GIS-QL 用 98 の画面が突然凍りました (QL には影響なし)。どうにもならなかったのでリセットボタンおしたら治りました。ちょっとドキドキしました。

● 八匹の猫が気持ち良さそうに日なたぼっこしてたので、仲間に入れてもらいました。(とみだ) ●● やっぱり、とみださんって猫ですねえ。(ことく)