

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

2000 年 04 月 10 日 Y+ 2606 KSC 当番: M. Yamauchi and T. Ishikawa

Recovery from Safe Hold mode

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	000410-0824	000410-0927	000410-1030	000410-1134	000410-1237
Operation	X-REP X-GYRO-ON Y-GYRO-ON ROG (016E) BFM-ON RAM BFM-ADRS-SET (000000) BFM-MEM BFM-OFF	SBR-A-RNG OP/OG-08 WRT TCU-MEM SEL-IPL ACP-A-ON ACP-MEM BFM-ON BFM-ADRS-SET BFM-SIZE-SET BFM-IC-SET ACP-PRG-A-EN ACP-PRG-D-EN BFM-TRANS BFM-OFF ACP-MEM SEL-NOML ACP-A-ON ACP-DATA-ENA ACE-BC-EXEC CUNT-C-Z-SEL OP-START RNG-OFF	X-REP ACP-DATA-ENA 04-0E0002 04-0E0003 04-0E0004 04-0E0005 CPU2/3-STOP CPU2/3-RST BDR-STOP ACP-DATA-ENA 04-080013DA9D ACE-BC-EXEC (15:05:00) X-REP BDR-STOP	X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM	X-REP SBR-A-RNG RNG-OFF
Target	Safe Hold	SafeHold	Safe Hold	Safe Hold	Safe Hold
AOS(UT)	11:39:48	13:18:53	14:58:42	16:38:35	18:18:25
LOS(UT)	11:49:50	13:30:16	15:10:11	16:50:10	18:29:41
Max-El	10.57°	38.30°	Zenith	76.68°	30.55°
Time	11:44:38	13:24:04	—	16:43:44	18:23:27
Rep-band(stat.)	X (Complete)	()	X (Complete)	X (Complete)	X (Complete)
Rep-start	11:40:52		14:59:18/15:04:40	16:39:33	18:19:06
DP-mode	ACS/BFM/ACS	ACS/TCU BFM/ACS	ACS	ACS	ACS
ACS-mode	Safe Hold	Safe Hold	Safe Hold	Safe Hold	Dafe Hold
SUN-pos θ_s/ϕ_s					
Attitude	$\begin{bmatrix} xx.xxxx^\circ \\ xx.xxxx^\circ \\ xx.xxxx^\circ \end{bmatrix}$	$\begin{bmatrix} xx.xxxx^\circ \\ xx.xxxx^\circ \\ xx.xxxx^\circ \end{bmatrix}$	$\begin{bmatrix} xx.xxxx^\circ \\ xx.xxxx^\circ \\ xx.xxxx^\circ \end{bmatrix}$	$\begin{bmatrix} xx.xxxx^\circ \\ xx.xxxx^\circ \\ xx.xxxx^\circ \end{bmatrix}$	$\begin{bmatrix} xx.xxxx^\circ \\ xx.xxxx^\circ \\ xx.xxxx^\circ \end{bmatrix}$
OP-start(CE)	Stop ()	13:27:59 (00h)	Cont (15h)	Cont (23h)	Cont (31h)
GIS HAM ERR			ERR → Reset		
ACS ERR	(SH)RWANONSD	(SH)RWANONSD	(SH)RWANONSD	(SH)RWANONSD	(SH)RWANONSD
SIS-mode	FN/FN 1212/3030	FN/FN 1212/3030	FN/FN 1212/3030	FN/FN 1212/3030	FN/FN 1212/3030
S0/1-TECT	-39.00/ — 38.99°C	-39.24/ — 39.24°C	-39.68/ — 39.67°C	-39.97/ — 40.01°C	-40.26/ — 40.26°C
S0/1-CCDT	-61.62/ — 61.77°C	-61.62/ — 61.77°C	-61.67/ — 61.77°C	-61.67/ — 61.77°C	-61.67/ — 61.77°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)	PH(10-8-8-5-0)
GIS LD Hit			26.1/26.0 c s ⁻¹	25.2/27.0 c s ⁻¹	20.8/23.6 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	13.6	13.6					
Pass: 000410-1030							3/4	40	159	218	7.6						

SIS Mode Changes:	SMC_SW_2	2CCD(1212/3030)	FN/FN for Hi bit , BR/BR for others
	LVL ON (0.55KeV), ADR ON		

GIS Mode Changes:	SMC_SW_2	PH(10-8-8-5-0)
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Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.30/23.30	19.40/23.30	-4.38/5.05	-5.03/5.10	4.82/8.74	4.27/8.46

Comment: 本日の運用:

ASCA is now in the Safe Hold mode. BFM was updated at pass2. The clock was set at pass3.

★NAS の斎藤さんによると、「今回のセーフホールド移行の原因は、・外乱が大きい姿勢／軌道であったこと・磁気制御しづらい地磁場環境であったこと」だそうです。

●卓球をすると時間の経つのが早いですね。(山内 ま)

§ 5 パスあったにも関わらず仕事量が少ないです。ずっと ACS モードなのでなにも出来ないからです。§ 今日ついに、なんじゃこら大福を食べることが出来ました。あれは美味しいというのでしょうか。(石川)