

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 11 月 15 日 Y+ 633 KSC 当番: S.Ueno,N.Yamasaki、M.Sugizaki

Cyg Loop A/Cyg Loop D/Cyg Loop 1/Cyg Loop2

	PASS 1			PASS 2		PASS 3			PASS 4			PASS 5		
Pass No.	941115-0204			941115-0307		941114-0411			941114-0514					
Operation	X REP RNG A OP/OG-07 WRT TCU MEM MODE DE-0 ADDRS OFF OP START			XREP STC#1WRT SCTCHK OBSMODE BDRSTP XREP BDRSTP		XREP CPU2/3STP CPU2/3RST BDRSTOP XREP BDRSTOP			XREP SBR A RNG CPU2/3STP CPU2/3RST GIS MEMCHK RNGOFF					
Target	Cyg Loop A			Cyg Loop A		Cyg Loop D			Cyg Loop D					
AOS(UT)	01:47:38			03:29:10		05:10:59			06:52:32					
LOS(UT)	02:00:25			03:42:04		05:23:34			07:04:30					
Max-El Time	40.899 01:53:40			Zenith —		Zenith —			34.654 06:58:05					
Rep-band(stat.) Rep-start	X (Complete) 01:48:39			X (Complete) 03:30:10/03:35:45		X (Complete) 05:12:02/05:17:16			X (Complete) 06:53:43			()		
DP-mode	OBS			OBS/ACS/OBS		OBS			OBS					
ACS-mode ACS-spn/ θ_s ϕ_s	Normal-Pointing 4.19,181.28			Normal-Pointing 4.16, 182.35		Normal-Pointing 4.09,182.40			Normal-Pointing 4.04,183.16					
Attitude	$\begin{bmatrix} 313.381 \\ 57.519 \\ 198.904 \end{bmatrix}$			$\begin{bmatrix} 313.381 \\ 57.519 \\ 198.904 \end{bmatrix}$		$\begin{bmatrix} 313.501 \\ 57.886 \\ 198.902 \end{bmatrix}$			$\begin{bmatrix} 313.502 \\ 57.886 \\ 198.901 \end{bmatrix}$			$\begin{bmatrix} \\ \\ \end{bmatrix}$		
OP-start(CE)	01:57:49 (00h)			Cont (09h)		Cont (19h)			Cont (24h)			()		
GIS HAM ERR	Normal			Normal		ERR/RST			Normal					
ACS ERR	—			—		—			—					
SIS-mode S0/1-TECT S0/1-CCDT	Faint/Faint 0123/2301 -42.64/-42.88 -61.67/-61.77			Faint/Faint 0123/2301 -42.40/-42.69 -61.67/-61.77		Faint/Faint 0123/2301 -41.38/-41.76 -61.67/-61.77			Faint/Faint 0123/2301 -41.18/-41.57 -61.67/-61.77					
GIS-mode GIS LD Hit	PH(10-8-8-5-0) 31cps/31cps			PH(10-8-8-5-0) 33cps/34cps		PH(10-8-8-5-0) 34cps/35cps			PH(10-8-8-5-0) 32cps/32cps					
P X Y R S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time			
10 8 5 0	FLF	NO	3/4	48	159	218	16.4	15.8	389.91	184.02	4750			
Pass: 941115-0204			3/4	40	159	218	9.8		407.87	180.46	4357			
GIS Mode Changes: None														

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
20.30/23.50	20.30/23.50	-3.99/4.75	-4.04/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
11/15 04:50	Cyg Loop D	3	(313.2708 , 31.9061)	(313.5006 , 57.8869 , 198.9038)
11/15 11:50	Cyg Loop 1	4	(311.3640 , 31.1373)	(311.6421 , 58.7070 , 185.3675)
11/15 18:20	Cyg Loop 2	5	(311.4360 , 30.7706)	(311.7125 , 59.0730 , 185.5434)

Comment: 本日の運用:

We observed Cygnus Loop regions (PI: A.Decourchelle,ESJ). The SIS count rate is 2.2 cts/s/each sensor for Cyg Loop A, and 1.7 cts/s/each sensor for Cyg Loop D.

昨晚入感しました。ここに来ると一食で魚系統と陸のタンパク質系統がとれて、ご飯のおかわりができるのでうれしいです（上野）。明日は山崎さんが消感なさいます。帰る人を見送る時はいつも寂しい気分になりますね（杉崎）。雨の楽隠居（山崎）