

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 11 月 01 日 Y+ 618 KSC 当番: K.Tamura、M.Watanebe

SS 433(#4)/Cygnus Loop(#1,2,3)/SS 433(#5)

	PASS 1			PASS 2		PASS 3			PASS 4			PASS 5			
Pass No.	941101-0619			941101-0722		941101-0826			941101-0929			Passnum5			
Operation	X REP RNG A OP/OG-11 WRT TCU MEM MODE S-CTLG-06 WRT S-CTLG CHK OBSERVE MODE OP START RNG OFF			X REP BDR STOP X REP BDR STOP		X REP RNG A ERR-CODE-RESET RNG OFF			X REP CPU2/3 STOP CPU2/3 RST GIS MEM MODE						
Target	SS 433			SS 433		CYGNUS LOOP (#1)			CYGNUS LOOP (#2)						
AOS(UT)	09:12:30			10:53:28		12:35:20			14:16:36						
LOS(UT)	09:24:27			11:06:05		12:47:38			14:28:28						
Max-El	56.970			Zenith		62.424			22.660						
Time	09:17:44			——		12:40:45			14:22:03						
Rep-band(stat.)	X (Complete)			X (Complete)		X (Complete)			X (Complete)			()			
Rep-start	09:13:02			10:54:41/10:59:48		12:35:56			14:17:44						
DP-mode	OBS/ACS/OBS			OBS		OBS			OBS						
ACS-mode	Normal-Pointing			Normal-Pointing		Normal-Pointing			Normal-Pointing						
ACS-spn/ θ_s ϕ_s	17.18, 18.16			17.35, 18.00		—, —			—, —						
Attitude	$\begin{bmatrix} 288.111 \\ 84.856 \\ 202.043 \end{bmatrix}$			$\begin{bmatrix} 288.110 \\ 84.855 \\ 202.048 \end{bmatrix}$		$\begin{bmatrix} 314.600 \\ 58.588 \\ 183.481 \end{bmatrix}$			$\begin{bmatrix} 314.593 \\ 58.589 \\ 183.478 \end{bmatrix}$			$\begin{bmatrix} \\ \\ \end{bmatrix}$			
OP-start(CE)	09:21:46 (00h)			Cont (08h)		Cont (19h)			Cont (23h)			()			
GIS HAM ERR	Normal			Normal		Normal			Normal						
ACS ERR	———			———		RWAOM			———						
SIS-mode	Faint/Faint 1111/3333			Faint/Faint 1111/3333		Faint/Faint 0123/0123			Faint/Faint 0123/0123						
S0/1-TECT	-36.58/-36.56			-36.38/-36.37		-35.41/-35.35			-35.02/-34.96						
S0/1-CCDT	-61.61/-61.81			-61.67/-61.77		-61.67/-61.77			-61.62/-61.62						
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	37cps/37cps			36cps/39cps		35cps/35cps			30cps/30cps						
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	12.0	12.5	398.84	183.67	5301
Pass: 941101-0619							3/4	40	159	218	6.0		419.11	181.23	4938
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
19.90/23.50	19.90/23.50	-4.42/4.75	-4.30/4.76	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
11/01 12:10	CYGNUS LOOP (#1)	1	(314.3160 , 31.2649)	(314.6003 , 58.5873 , 183.479)
11/01 19:00	CYGNUS LOOP (#2)	2	(314.3480 , 30.8980)	(314.6300 , 58.9526 , 183.7881)
11/02 00:10	CYGNUS LOOP (#3)	3	(313.0039 , 29.2164)	(313.2794 , 60.6317 , 184.4557)
11/02 07:00	SS 433 (#5)	4	(287.9562 , 4.9827)	(288.1099 , 84.8563 , 202.1026)

Comment: 本日の運用:

We are observing SS 433(JPN) and CYGNUS LOOP (JPN). The cout rate of SS433 are 1.7c/s/GIS and

2.7c/s/SIS. The count rate of the region 1 of the Cygnus Loop are 4c/s/GIS and 7.3c/s/SIS.

こちらへ来て初めて、構造のあるソースです。今日も複雑な運用でつかれました。3 Rev. 目、初めて見るエラーコードと、異様に大きくなった Residual Angle に気づき、相模原に連絡。衛星が昼から夜にはいつてくるためと判明。特に異常ではないとのこと。(田村) この間の2倍の2時間散歩して、ヘビは1匹しか見かけなかった(ワタナベ)。