「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 6 月 27~28 日 Y+ 492~493 KSC 当番: Y.Ikebe 、 Y.Terashima

RU Peg→LSS-B-5→LSS-B-6→LSS-B-7→LSS-B-8

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940627–1342	940627–1445	940628–0001	940628–0104	940628–0207
Operation	X REP OP/OG-04 RAM TCU MEM ACS-ERR-RST OP STRT	XREP SBR-A RNG STAR-02 RAM S-CTLG CHK OBSERVE MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP ACS-ERR-RST	X REP SBR-A RNG CPU2/3 STP CPU2/3 RST GIS MEM MODE DE0 AD ON
Target	RU Peg	RU PEG	LSS-B-5	LSS-B-5	LSS-B-5
AOS(UT) LOS(UT)	20:42:52 20:54:23	22:23:20 22:36:41	00:04:58 00:18:11	01:46:44 01:59:47	03:28:25 03:40:38
Max-El Time	12.441 20:48:23	40.849 22:29:39	Zenith —	Zenith —	37.376 03:34:10
Rep-band(stat.) Rep-start	X (Completed) 20:43:58	X (Completed) 22:24:28	X (Completed) 00:05:50/00:11:54	X (Completed) 01:47:40/01:53:18	X (Completed) 03:29:27
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s ϕ_s	Normal–Pointing 23.85°, 182.49°	Normal–Pointing 23.90°, 182.61°	Normal–Pointing 4.55°, 304.05°	Normal–Pointing 4.65°, 304.75°	Normal–Pointing 4.71°, 304.65°
Attitude	$\begin{bmatrix} 333.373 \\ 77.457 \\ 31.652 \end{bmatrix}$	$\begin{bmatrix} 333.373 \\ 77.457 \\ 31.652 \end{bmatrix}$	$\begin{bmatrix} 198.471 \\ 59.165 \\ 150.237 \end{bmatrix}$	$\begin{bmatrix} 198.471 \\ 59.166 \\ 150.237 \end{bmatrix}$	$\begin{bmatrix} 198.470 \\ 59.166 \\ 150.238 \end{bmatrix}$
OP-start(CE)	20:50:10 (00h)	Cont (08h)	Cont (17h)	Cont (22h)	Cont (2Ch)
GIS HAM ERR	NORM	NORM	NORM	NORM	ERR
ACS ERR	(SH)MOMCHG	—	–	(SH)MOMCHG	–
SIS-mode	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301
S0/1-TECT	−34.78/−34.81	−35.36/−35.44	−35.85/−35.93	−36.33/−36.42	−36.33/−36.47
S0/1-CCDT	−59.51/−59.23	−59.79/−59.51	−60.12/−59.80	−60.63/−60.26	−61.10/−60.73
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	24cps/25cps	31cps/29cps	27cps/28cps	31cps/29cps	27cps/26cps

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	NONE	3/4	48	159	218	18.0	18.5	491.19	184.16	1276
Pass: 9406271342							3/4	40	159	218	13.1		403.76	180.40	1176

GIS Mode Changes: 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
20.00/23.40	20.00/23.50	−4.08/4.75	−4.34/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
06/27 23:00	LSS-B5	6	(198.143 , 30.843)	(198.4738 , 59.1666 , 150.2359)
06/28 04:04	LSS-B6	1	(198.335 , 31.133)	(198.6671 , 58.8774 , 150.1373)
06/28 08:39	LSS-B7	2	(198.529 , 31.422)	(198.8615 , 58.5885 , 150.0374)
06/28 13:41	LSS-B8	3	(199.723 , 31.711)	(198.0572 , 58.2998 , 149.9359)

Comment: 本日の運用:

RU-Peg ,a CV , showed count rate of 0.12 c/s with SIS and 0.07 c/s with GIS. LSS mission started again. It

will last for 3 days.
追跡班のうち今まで 20m のところにいた RX/TX 担当の日電さんの人がいなくなりました。そのかわり MS のとなりのひとが、受信器、送信器、復調器すべてのコントロールをおこなうようにしたそうです。
テレメファイルバックアップ用の MT の 14 番が何故か欠番になっています。なぜ？