AXAF COMMAND ACTION PROCEDURE

CAP #:718
DATE: 2 Apr 2001

ORIGINATOR: Plucinsky
COMMANDS CHECKED BY:
Time of CAP Execution (GMT): 2001:094:19:00

DESCRIPTION/RATIONALE

Perform an ACIS CTI measurement on the ACIS-S array in 3x3 Faint mode. We expect to start at 2001:094:19:00 and to end the science run at 2001:094:21:15.

RESTRICTIONS/WARNINGS/NOTES/SCHEDULE REQT:

This CAP assumes that the spacecraft is in FMT 2 and the load has set the OBSID to 61677.

STEP	INSTRUCTIONS (Command/Script)	RESPONSE (TLM Verifier)
1	Uplink Loads:	
	1A_WS007_164.CLD	7021872
	1A_WS00F_233.CLD	A03BC6B
	1A_AA000_191.CLD	502066E
	1A_XT000_190.CLD	C421014
	1A_RS000_207.CLD	4022412
	1A_RH000_151.CLD	601EE12
	1A_WT048_137.CLD	1481FD6
2	Verify OBSID to 61677	
3	Verify spacecraft in TLM FMT 2	
4	Enable and Activate SCS 164	WSVIDALLDN (command ID = 1541)
5	Enable and Activate SCS 233	WSPOW3F03F (command ID = 360)
6	Enable and Activate SCS 137	WT0021C014 (command ID = 2046)
7	Enable and Activate SCS 190	XTZ0000005 (command ID = 58)
8	Enable and Activate SCS 207	RS_0000001 (command ID =66)
9	Enable and Activate SCS 151	RH_0000001 (command ID = 68)
10	ACIS confirms science run is progressing nominally	
11	collect data for $\sim$ 2 hours	
12	ACIS monitors EPHIN rates, shut down if rates reach 1/3 of SCS 107 limits	
13	Enable and Activate SCS 191 at $\sim 21:15$	stopScience (cmdId = 1539)
14	ACIS confirms normal end of science run	
15	Enable and Activate SCS 164	WSVIDALLDN (command ID = 1541)
16	Enable and Activate SCS 207	RS_0000001 (command ID =66)
17	Clear and Disable SCSs 164,233,137,190,207,151,191	

Approved:
Subsystem Engineer:
TST Manager/Lead:
SOT Lead:

Flight Director:
Program Manager: