AXAF COMMAND ACTION PROCEDURE

CAP #:544
DATE: 13 Jan 2000

ORIGINATOR: Plucinsky
COMMANDS CHECKED BY:
Time of CAP Execution (GMT): 015:15:30

DESCRIPTION/RATIONALE

Set the ACIS FP temperature to -110 C as quickly as possible. CAP 543 sets the focal plane to -110 C without turning on the focal plane bakeout heater in 1hr 20min. This CAP uses the focal plane bakeout heater so that the temperature will rise much faster. We will only use this CAP if the COM is poor and we have less time than expected.

RESTRICTIONS/WARNINGS/NOTES/SCHEDULE REQT:

This commanding will be interleaved upon the daily load. There should be no potential conflicts except with ACIS, but the operators should be cognizant nevertheless.

STEP	INSTRUCTIONS (Command/Script)	RESPONSE (TLM Verifier)
1	Uplink Loads:	
	1A_WB001_194.CLD	7071BA6
	1A_WS002_195.CLD	4523729
	1A_WS029_255.CLD	7369BB7
2	Send the following commands:	
	BUFFER CLEAR ALL	
	BUFFER COMMAND 1WRMBTSB 1WRMBTS1=0	
	BUFFER SEND VERIFY	
	BUFFER CLEAR ALL	
3	Enable and Activate SCS 194	WBBOEN_ENB (command ID = 101)
4	ACIS confirms	
5	Enable and Activate SCS 195	WSBAKENABL (command ID = 114)
6	ACIS confirms	
7	Enable and Activate SCS 255	WSFTNEG110 (command ID = 741)
8	ACIS confirms FP temperature is rising, takes ~ 20 minutes	
9	Uplink Loads:	
	1A_WS001_205.CLD	6524119
	1A_WB000_204.CLD	50715A6
	1A_WD000_137.CLD	8A158A7
	1A_XD000_185.CLD	4022F12
	1A_RS000_207.CLD	4022412
10	Enable and Activate SCS 205	WSBAKDSABL (command ID = 116)
11	ACIS confirms	
12	Enable and Activate SCS 204	WBBOEN_DIS (command ID = 99)
13	ACIS confirms	

14	Send the following commands: BUFFER COMMAND 1WRMBTSB 1WRMBTS1=1 BUFFER SEND VERIFY BUFFER CLEAR ALL	
15	Send the following command: BUFFER COMMAND 1RSETIRT 1RSETIR1 = 1 BUFFER SEND VERIFY BUFFER CLEAR ALL	
16	Send the following command: BUFFER COMMAND 1RSETIRT 1RSETIR1 = 0 BUFFER SEND VERIFY BUFFER CLEAR ALL	
17	ACIS confirms that ACIS reboots properly	
18	Enable and Activate SCS 137	WD00001024 (command ID = 225)
19	ACIS confirms	
20	Enable and Activate SCS 185	XDZ0000005 (command ID = 18)
21	ACIS confirms	
22	Clear and Disable 194, 195, 255, 205, 204, 137, 185, and 207	

Approved:

Subsystem Engineer:
TST Manager/Lead:
SOT Lead:

Flight Director:
Program Manager: