AXAF COMMAND ACTION PROCEDURE

CAP #:760
DATE: 13 November 2001

ORIGINATOR: Joe DePasquale
COMMANDS CHECKED BY: R. Buehler, P. Plucinsky
Time of CAP Execution (GMT): 2001:317:17:00
OR:2001:318:0250, 2001:318:1335, 2001:318:2000, 2001:319:0520

DESCRIPTION/RATIONALE

This CAP will remedy the threshold plane latchup anomaly should it occur and be identified during any of the five COMM passes of OBSID 3293. If the threshold plane has in fact latched up we plan to execute SOP61021 thereby putting ACIS into "Standby Mode." We will then confirm proper execution of this procedure and uplink the appropriate CLD with command WSPOW00F3F to power up the FEPs and DEA video boards. We will then resume the science run.

RESTRICTIONS/WARNINGS/NOTES/SCHEDULE REQT:

It is required that the OBC is not processing any commands from the stored command load during this CAP execution, especially maneuver commands. Also, given the amount of time it takes to execute these commands, we must have at least 15 minutes (.9 ks) left in the science run before the next stop science command in the load.

STEP	INSTRUCTIONS (Command/Script)	RESPONSE (TLM Verifier)
1	ACIS confirms that one or more FEPs has a latched T-plane by examining threshold crossing rates.	
2	Execute SOP_61021 "Put ACIS into Standby Mode."	
3	ACIS confirms shut down of video boards and FEPs.	
4	Update the OBSID to next available contingency: 62856.	
5	Uplink load:	
	1A_WS045_140.CLD	checksum=B032190
6	Enable and Activate SCS slot 140, ACIS confirms	WSPOW00F3F (command ID = 1209)
7	Uplink load:	
	1A_XT000_190.CLD	checksum=C421014
8	Enable and Activate SCS 190, ACIS confirms	XTZ000005 (command ID = 58)
9	Clear and Disable SCS 140 and 190	

Approved:

Subsystem Engineer:
FOT Manager/Lead:
SOT Lead:

Flight Director:
Program Manager: