AXAF COMMAND ACTION PROCEDURE

CAP # 752B
DATE: 30 October 2000

ORIGINATOR: Paul Plucinsky
COMMANDS CHECKED BY:
Time of CAP Execution (GMT): 304:03:30

DESCRIPTION/RATIONALE

This CAP recovers from a "T-plane latchup" in ACIS. If the diagnosis is correct, all that is required to recover from this condition is to issue one command to power-down the FEPs. However, one cannot verify that the condition has been resolved without starting a science run. Given that we have several hours before the normally scheduled CTI measurement in the load, we will attempt to start a science run to verify that the condition has been resolved *if the EPHIN rates allow.* We will use the OBSID 61421 in the load for the first contingency run and then set the OBSID to 62858.

RESTRICTIONS/WARNINGS/NOTES/SCHEDULE REQT:

STEP	INSTRUCTIONS (Command/Script)	RESPONSE (TLM Verifier)
	EXECUTE:	
1	Uplink Load:	
	1A_WS003_165.CLD	8121972
2	Enable and Activate SCS 165	WSFEPALLDN (cmdId = 1542)
3	clear and disable SCS 165	
4	verify OBSID=61421	
5	Verify that EPHIN rates are less than 1/3 of the SCS107 trigger levels.	
6	Ensure that the SIM is at HRC-S.	
7	Set the TLM FMT to 2, if necessary.	
8	Uplink Load:	
	1A_CTI00_137.CLD	E1940CB
9	Enable and Activate SCS 137	WSVIDALLDN (command ID = 1541)
		WSPOW0CF3F (command ID = 359)
		RS_0000001 (command ID = 66)
		RH_0000001 (command ID = 68)
		WT00216014 (command ID = 2034)
		XTZ0000005 (command ID = 58)
10	ACIS confirms normal science run.	
11	Clear and Disable 137	
12	Uplink load:	
	1A_AA000_191.CLD	502066E
13	Enable and Activate SCS 191	stopScience (cmdId = 1539)
14	ACIS confirms normal science run termination	
16	Clear and Disable 191	
15	Update OBSID to 62858	

Approved:

Subsystem Engineer:
TST Manager/Lead:
SOT Lead:

Flight Director:
Program Manager: