AXAF COMMAND ACTION PROCEDURE

CAP #: 517
DATE: 24 November 1999

ORIGINATOR: Plucinsky
COMMANDS CHECKED BY:
Time of CAP Execution (GMT): 1999:331:14:00

DESCRIPTION/RATIONALE

This CAP executes the SOP which loads the Standard Rev A, Optional Rev A and the FEP0 bias parity error patches. Since ACIS is expected to end an Event Histogram science run in FMT1 at 331:14:20, this CAP switches the spacecraft to FMT2 for 6 minutes in order to clear out the ACIS TLM stream.

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. The FMT changes have been specified so as not to impact the ongoing HRC observations.

The new command loads for this SW patch are reviewed in ACIS ECO #36-1014.

STEP	INSTRUCTIONS (Command/Script)	RESPONSE (TLM Verifier)
1	If necessary, stop the current science run	
1a	Uplink load, 1A_AA000_191.CLD	502066E
1b	Enable and Activate SCS 191	stopScience (command ID = 1539)
1c	If necessary, execute step 1b again	
2	switch to FMT 2 at 331:14:21 IMMEDIATELY	
3	switch to FMT 1 at 331:14:26 IMMEDIATELY	
4	Execute SOP_61082_SW_FEP0ENG	
5	ACIS confirms ACIS has booted with the correct flight SW version number.	
6	Execute SOP_61010_DEA_HKP	
7	ACIS confirms existence of DEA HKP data	
8	Execute CAP 502	
9	Clear and Disable SCS 191 if necessary	

Approved:

Subsystem Engineer:
TST Manager/Lead:
SOT Lead:

Flight Director:
Program Manager: