AXAF COMMAND ACTION PROCEDURE

CAP #:494
DATE: 26 Oct 1999

ORIGINATOR: Plucinsky
COMMANDS CHECKED BY: Buehler, LaMarr
Time of CAP Execution (GMT): 300:03:00

DESCRIPTION/RATIONALE

Collect Diagnostic data with ACIS in raw mode with a narrow (columns) but tall (rows) spatial window spanning the entire CCD in one quadrant.

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 ACIS commanding should begin after the daily load has commanded the start of an ACIS science run.

STEP	INSTRUCTIONS (Command/Script)	RESPONSE (TLM Verifier)
1	Uplink Loads:	
	1A_AA000_191.CLD	502066E
	1A_XT000_190.CLD	C421014
	1A_WT04B_137.CLD	AB46F04
	1A_W2006_159.CLD	38FD5E6
2	Enable and Activate SCS 191	stopScience (command ID = 1539)
3	ACIS confirms TLM buffers are clear	
4	Change OBSID to 62501	
5	Enable and Activate SCS 137	WT00233014 (command ID = 2112)
6	Enable and Activate SCS 159	W200036014 (command ID = 2115)
7	Enable and Activate SCS 190	startScience (command ID = 58)
8	Clear and Disable SCS 159	
9	ACIS examines TLM for saturation	
10	If Saturating:	
10a	Enable and Activate SCS 191	stopScience (command ID = 1539)
10b	Uplink 1A_W2007_159.CLD	58FB507
10c	ACIS confirms TLM buffers are clear	
10d	Change OBSID to 62500	
10e	Enable and Activate SCS 159	W200037014 (command ID = 2117)
10f	Enable and Activate SCS 190	startScience (command ID = 58)
11	Clear and Disable SCSs 190,191,137,159	

Approved:

Subsystem Engineer:
TST Manager/Lead:
SOT Lead:

Flight Director:
Program Manager: