AXAF COMMAND ACTION PROCEDURE

CAP #:746
DATE: 25 September 2001

ORIGINATOR: P. Plucinsky
COMMANDS CHECKED BY:
Time of CAP Execution (GMT): 2001:270:14:50
OR: 2001:270:23:00

DESCRIPTION/RATIONALE

Command ACIS to execute a CTI (I-array) measurement.

RESTRICTIONS/WARNINGS/NOTES/SCHEDULE REQT:

EPHIN rates are 1/3 of the SCS107 trigger levels.
It is assumed that the SEP2801 SCS107 replan load is running on the spacecraft.
RADMON will be enabled by this CAP if necessary.
SCS107 will be enabled by this CAP if necessary.
The OBSID will be set to 62861 in this CAP.
It is assumed the load will execute an ACIS stopScience command at 271:01:20.
This load uses an SCS (1A_CTI00_137) which bundles together 6 ACIS commands.

STEP	INSTRUCTIONS (Command/Script)	RESPONSE (TLM Verifier)
1	Verify that EPHIN rates are less than 1/3 of the SCS107 trigger levels.	
2	Verify that the SEP2801 load is loaded and active on the spacecraft.	
3	Ensure that the SIM is at HRC-S, and the spacecraft is in FMT 2.	
4	Enable RADMON if necessary	
5	Enable SCS107 if necessary	
6	Set OBSID=62861	
7	Uplink Load: 1A_CTI00_137.CLD	E1940CB
8	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)
9	ACIS confirms normal science run.	
10	Clear and Disable 137	

Approved:

Subsystem Engineer:
TST Manager/Lead:
SOT Lead:

Flight Director:
Program Manager: