AXAF COMMAND ACTION PROCEDURE

CAP #:770
DATE: 23 November 2001

ORIGINATOR: Shanil Virani
COMMANDS CHECKED BY: P. Plucinsky
Time of CAP Execution (GMT): 2001:328:22:45
OR: 2001:329:05:30

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 NOV2401 SCS107 replan load (OR NOV2601) is running on the spacecraft.
RADMON will be enabled by this CAP if necessary.
SCS107 will be enabled by this CAP if necessary.
The TLM FMT will be changed to FMT 2 by this CAP if necessary.
The OBSID will be set to 62855 in this CAP.
It is assumed the load will execute an ACIS StopScience command at **TBD**.
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 NOV24 RAD REPLAN load (OR NOV2601 load) is loaded and active on the spacecraft.	
3	Ensure that the SIM is at HRC-S.	
4	Set the TLM FMT to 2, if necessary.	
5	Enable RADMON if necessary, issue command OORMPEN	CORADMEN=ENAB OR RADMON=ENAB
6	Enable SCS107 if necessary	
7	Set OBSID=62855	
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	

Approved:

Subsystem Engineer:
FOT Manager:
SOT Lead:

Flight Director:
Program Manager: