AXAF COMMAND ACTION PROCEDURE

CAP #:892
DATE: 31 Oct 2003

ORIGINATOR: Shanil Virani
COMMANDS CHECKED BY: R. Buehler
Time of CAP Execution (GMT): 2003:305:03:45 or 2003:305:12:15

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 NOV0103 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 TLM FMT will be changed to FMT 2 by this CAP if necessary.
The OBSID will be set to 62845 in this CAP.
It is assumed the load will execute an ACIS StopScience command at 2003:305:14:15.
This load uses an SCS (1A_CTI01_138) which bundles together 6 ACIS commands.
There are two commanding opportunities for this CAP, depending on radiation telecon approval. The two possibilities are reflected in the alternate execution times above.

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 NOV0103 SCS107 REPLAN 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=62845	
8	Uplink Load: 1A_CTI01_138.CLD	96BD4D3
9	Enable and Activate SCS 138	WSVIDALLDN (command ID = 1541) WSPOW0CF3F (command ID = 359) WT00216024 (command ID = 4536) XTZ0000005 (command ID = 58) RS_0000001 (command ID = 66) RH_0000001 (command ID = 68)
10	ACIS confirms normal science run.	
11	Clear and Disable 138	

Approved:

Subsystem Engineer:
FOT Manager:
SOT Lead:

Flight Director:
Program Manager: