

STEREO/IMPACT/SIT SIT Quiet Mode Procedure

Ver. 1.2 01/06/05

USER: _____ Test: _____ Date: _____

1. PURPOSE

This procedure puts SIT into its Quiet mode: the condition in which it generates the least noise and is most sensitive to noise generated by others. There are no restrictions on the use of this procedure.

The procedure takes about 5 minutes and can be interleaved with other procedures from other sensors.

2. REQUIREMENTS

2.1 This procedure requires that SIT be turned on and operating before it is executed. If SIT is not yet in this state, first run the "SIT Turn-On procedure"

3. PROCEDURE

3.1 Commands – send the following sequence of commands:

"immed 1"	causes future commands to be executed upon receipt
"hvenable 0"	ensures that the SIT HVPS is disabled
"junk 1"	causes instrument to respond to all events, even illegals
"eonly 1"	removes TOF coincidence requirement for events
"toferror 1"	processes events including tof errors

3.2 Command Verification - After approximately 2 minutes, verify the SIT status byte is "0d", indicating that all the above commands have been received and acted on.

OK _____

End of Procedure

Performed by: _____