

SEP Central and LET Software Requirement Review Minutes

A SEP Central and LET Software Requirement Review was held at the California Institute of Technology on 5/21/02. The Following actions items were taken:

1. Need to determine whether longer-term data averages (i.e. hourly averages) are required for space whether monitoring. Action for Dave Curtis.
2. Determine whether SEP common needs to store and download code for HET and SIT, or whether they will have their own EEPROM. Action for Harry and Tycho.
3. Command echo packets may overload telemetry system due to APL constraint of 272 fixed length packets. Add a requirement to pack command echo's into a single packet to conserve telemetry bandwidth. Action for Andrew / Dave Curtis.
4. Determine a schedule and verification method for the Dynamic Threshold algorithm. Add requirements to allow modification of this algorithm on-orbit to include a disable command. Action for Cal Tech
5. Add requirements for a software RAM patch capability and an EEPROM reload capability on-orbit. Action for Andrew / Rick Cook

In attendance were:

Dave Curtis
Alan Cummings
Jerry Hengemihle
Andrew Davis
Rick Cook
Harry Culver
Richard Mewaldt

Attached are the documents that were reviewed.