

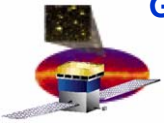
# GLAST Large Area Telescope

LAT EMI/EMC TRR

## NCR Review

Pat Hascall/Eric Grove

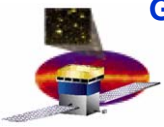
Stanford Linear Accelerator Center



# NCR Review Approach

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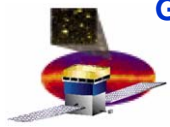
- **The open NCR list was reviewed for items that would prevent or impact the EMI/EMC testing**
- **None of the NCRs prevent start EMI/EMC**
- **For NCRs that may be observed during EMI/EMC, the impact and response was determined and documented on the next charts**



# Applicable NCRs

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- **NCR 684 – Tracker Flares**
  - **Impact**
    - **Increase in noise occupancy**
  - **Response**
    - **Detectable in off line processing**
    - **Repeat frequency**
- **NCRs 809, 880, 881, 901, 902 – CPU reboots**
  - **Impact**
    - **Loss of data**
  - **Response**
    - **Follow plan to determine source of reboot**
    - **Reconfigure**
    - **Repeat frequency**



# Applicable NCRs (continued)

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- **NCR 852 – LCB errors**
  - **Impact**
    - Typical durations will have an insignificant effect on the measurements
    - Long durations may drop too much data for a specific frequency
  - **Response**
    - For a case with fewer than 5 errors, continue
    - For a case with more than 5 errors, repeat the frequency
- **NCR 922 – LHK bug**
  - **Impact**
    - Loss of housekeeping telemetry
  - **Response**
    - Recover housekeeping
    - Repeat frequency