GLAST Project
Configuration Control Board (CCB) Minutes

A GLAST Project CCB Meeting was held on Wednesday, March 5, 2003, at 3:30 p.m., in Building 12, Room N220, SEU Program Office Conference Room.

CCB No.: CCB-013

List of Attendees:

Kevin Grady, Al Vernacchio, Jack Leibee, John Deily, Norman Rioux, Joy Bretthauer, Bernie Graf, Bill Browne, Ron Kolecki, Ed Shippey, Mike Rackley, Jerry Edmund, Art Whipple, Erik Andrews, Mark Melton and Jim Chipouras.

The Following CCRs were discussed and dispositioned:

CCR No.	Subject	Sponsor
433-0093	"Remove TBR's from Spacecraft MAR (433-MAR-0003)"	Ron Kolecki

Disposition: *Deferred.* The purpose of this CCR is to remove TBRs from the Spacecraft MAR. The Board deferred this CCR pending clarification from Sharon Seipel regarding the sine vibration testing.

Actions items:

Ron Kolecki was given an action to obtain clarification from Sharon Seipel regarding the sine vibration testing.

CCR No.	Subject	Sponsor
433-0094	"Correction to Table A-1 in Spacecraft MAR (433-MAR-0003)"	Ron Kolecki

Disposition: *Approved as Submitted.* The purpose of this CCR is to correct table A-1 in the Spacecraft MAR.

Actions items:

The CMO will obtain CCR approval signature from the GLAST Project Manager on the CCR form and incorporate the approved changes to the Spacecraft MAR.

CCR No.	Subject	Sponsor
433-0081 R1	"Digital Control Signals/Monitor Ports"	Bill Browne

Disposition: *Approved as Submitted.* The purpose of this CCR is to change the GBM-SC IRD to reflect the latest GBM instrument discrete control signals/monitor ports requirements.

Actions items:

The CMO will obtain CCR approval signature from the GLAST Project Manager on the CCR form and incorporate the approved changes to the GBM-SC IRD.

CCR No.	**Subject**	**Sponsor**
433-0095	"BGO Detector Crystal Axis Alignment"	Bill Browne

Disposition: *Approved with Changes.* The purpose of this CCR is to update the GBM BGO Detector Crystal Axis Alignment . The CCB agreed to modify the proposed "TO:" wording of section 3.2.2.7.4 in the CCR as follows:

Original TO:

3.2.2.7.4 GBM BGO Detector Crystal Alignment

The GBM BGO detector crystal axis alignment shall be 90 degrees to the observatory +Z axis to < 180 arc minutes [1 sigma, radial].

Revised TO:

3.2.2.7.4 GBM BGO Detector Crystal Alignment

The GBM BGO detector crystal axis alignment shall be 90 degrees to the observatory +Z axis to < 180 arc minutes [1 sigma, radial]. This vector shall be measured to an accuracy of < 60 arc minutes [1 sigma, radial].

Actions items:

The CMO will update CCR 433-0095 with the approved changes, obtain CCR approval signature from the GLAST Project Manager on the CCR form and incorporate the approved changes to the GBM-SC IRD.

CCR No.	**Subject**	**Sponsor**
433-0096	"Immediate LAT Trigger Redundancy"	Bill Browne

Disposition: *Approved as Submitted.* The purpose of this CCR is to add a requirement for Immediate LAT Trigger Redundancy.

Actions items:

The CMO will obtain CCR approval signature from the GLAST Project Manager on the CCR form and incorporate the approved changes to the GBM-SC IRD.

CCR No.	**Subject**	**Sponsor**
433-0097	"BGO Detector 3-Point Interface Requirement"	Bill Browne

Disposition: *Approved as Submitted.* The purpose of this CCR is to add a requirement for a BGO Detector 3-Point mounting interface.

Actions items:

The CMO will obtain CCR approval signature from the GLAST Project Manager on the CCR form and incorporate the approved changes to the GBM-SC IRD.

CCR No.	Subject	Sponsor
433-0098	"Increase the SSR Storage Capacity for Instrument Data from 64 Gigabits (Gb) to 96 Gigabits (Gb) (base 2)"	Joy Bretthauer

Disposition: *Rejected.* The purpose of this CCR is to increase the SSR storage capacity for Instrument Data from 64 Gigabits (Gb) to 96 Gigabits (Gb) (base 2)"

The board decided that this change should be made to the Spacecraft SOW not the Spacecraft Performance Specification.

Note: This CCR was not submitted for review through the GLAST on-line CM system.

Actions items:

Joy Bretthauer was given an action to obtain the appropriate wording from Spectrum Astro to be incorporated into the Spacecraft SOW. Joy Bretthauer will submit a CCR to the Spacecraft SOW for this change once Spectrum Astro provides the appropriate wording.

Minutes approved by:

Original Signed **03/13/03**

_____ Date _____

Kevin Grady
GLAST Project Manager
(GLAST Project CCB Chairperson)

Minutes prepared by: Jim Chipouras, GLAST Project Configuration Management Office