

### GLAST Ground Systems RFA List

GLAST GROUND SYSTEM REQUIREMENTS REVIEW						Date: July 22, 2003
RFA Number	Title	Assignee	Originator	Response Due to Review Panel Date	Status	
NO._G001	TDRS Scheduling	Ross Cox	Al Levine	10/31/03	Under Board Review	
NO._G002	International Agreements	Mike Rackley	Glenn Iona	10/31/03	Systems	
NO._G003	GSSC Peer Review	David Band	Robert Schweiss	10/31/03	Systems – Awaiting PM response	
NO._G004	General Requirement Scrub	Mike Rackley	Madeline Butler, Steve Scott	10/31/03	Systems	
NO._G005	RF Compatibility	Ross Cox	Bob Menrad	10/31/03	Under Board Review	
NO._G006	Risk Triggers	Mike Rackley	Bob Menrad	10/31/03	Submitted to Systems 3/9/04	
NO._G007	Orbit Determination	Mark Woodard	Elizabeth Corderman, Dave Tracewell	10/31/03	Under Board Review	
NO._G008	Detailed FDF Requirements	Mark Woodard	Elizabeth Corderman	10/31/03	Under Board Review	
NO._G009	Attitude Sensor Calibration Approach	Mark Davis	Dave Tracewell	10/31/03	Systems – Awaiting input from S. Ritz and A. Whipple	
NO._G010	FDF Launch Criticality	Mark Woodard	Elizabeth Corderman, Dave Tracewell, Ron Mahmot	10/31/03	Under Board Review	
NO._G011	Proprietary Issue	Joy Brethauer /Jerry Edmond	Ron Mahmot	10/31/03	Systems- PM awaiting from J. Brethauer that Spectrum is ok with RFA response	
NO._G012	Command Encryption	Mark Melton	Ron Mahmot	10/31/03	Systems – Awaiting confirmation from N. Rioux	
NO._G013	Star Catalogue Updates	Mark Davis	Ron Mahmot	10/31/03	Under Board Review	
NO._G014	Common Ground System Tool	John Nagy	Ron Mahmot	10/31/03	Under Board Review	
NO._G015	MOC Storage of Frames vs. Packets	John Nagy	Ron Mahmot	10/31/03	Under Board Review	
NO._G016	Manual Method of ToO	Doug Spiegel	Ron Mahmot	10/31/03	Under Board Review	

	Execution				
NO_G017	"Hot Bench" Usage	Mike Rackley	Mark Goans	10/31/03	Submitted to Systems 3/9/04
<b>GBM Critical Design Review</b>		<b>Date: October 30, 2003</b>			
<b>RFA Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Originator</b>	<b>Response Due to Review Panel Date</b>	<b>Status</b>
GSEC-001	No reference to the GBM Ground Software SDP	Roland Diehl	Jennie McCall	12/10/2003	Open
GSEC-002	Complete Requirements Traceability	Valerie Connoughton	Mike Rackley	2/28/2004	Open
GSEC-003	Level 1 Data Product Generation Approach/Packaging	Rob Preece	Mike Rackley	2/28/2004	Open
GSEC-004	Handling Time Parameter Rollover	Rob Preece	Mike Rackley	12/10/2003	Open
GSEC-005	Handling Telemetry Arrays in ASTRO-RT and ITOS	Bill Paciesas	Mike Rackley	2/28/2004	Open
GSEC-006	BAP Handling of LAT Burst Alerts	Rob Preece	Rob Preece	2/28/2004	Open
<b>GSSC DESIGN PEER REVIEW</b>		<b>Date: November 24, 2003</b>			
<b>RFA Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Originator</b>	<b>Response Due to Review Panel Date</b>	<b>Status</b>
SSC_01	Independent future GSSC Reviews	David Band	Frank Marshall, Robert Schweiss	3/1/2004	Open
SSC_02	FTOOLs issues	Dave Davis	Frank Marshall	3/1/2004	Open
SSC_03	Location of computers: BAP and GSSC operations	Robin Corbert	Frank Marshall	3/1/2004	Open
SSC_04	End-to-end data tracking system	Mike Rackley (Ground Systems (GS))	Frank Marshall, Joy Henegar	3/1/2004	Open
SSC_05	DTS concerns of LAT team	Robin Corbert	Seth Digel	3/1/2004	Open
SSC_06	Review Security Guidelines	Mike Rackley (GS)	Norman Rioux	3/1/2004	Open
SSC_07	Duplication of Level 0 archiving	David Band	Frank Marshall, Robert Schweiss	3/1/2004	Open

SSC_08	Incomplete requirements on GSSC	Dirk Petry, Robin Corbert, David Band	Frank Marshall, Rioux, Corcoran, Robert Schewiss	3/1/2004	Open
SSC_09	Need formal software test plan and schedule	Tom Stephens	Bill Paciesas Chris Shrader	3/1/2004	Open
SSC_10	Need trade studies schedule, etc.	David Band	Bill Paciesas, Frank Marshall	3/1/2004	Open
SSC_11	GSSC products need ITAR review	David Band	Bill Paciesas	3/1/2004	Open
SSC_12	Archive interface HEASARC issues	Dave Davis	Chris Shrader, Padi Boyd, Seth Digel	3/1/2004	Open
SSC_13	GI support issues:	David Band, Dirk Petry	Padi Boyd, Chris Shrader,	3/1/2004	Open
SSC_14	Data staging disk space concern	Tom Stephens	Mike Corcoran	3/1/2004	Open
SSC_15	Database concerns	Dave Davis	Mike Corcoran, Frank Marshall	3/1/2004	Open
SSC_16	Two stage review is unnecessary	David Band	Chris Shrader, Padi Boyd	3/1/2004	Open
SSC_17	Plan for proprietary data contingency	David Band	Seth Digel	3/1/2004	Open
SSC_18	Verification Reference Handbook	Mike Rackley (GS), David Band	Norman Rioux	3/1/2004	Open
SSC_19	Ops Information Missing: Concept Document	Robin Corbert	Robert Schweiss	3/1/2004	Open

<b>MOC DESIGN PEER REVIEW</b>	<b>Date: December 15, 2003</b>
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<b>RFA Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Originator</b>	<b>Response Due to Review Panel Date</b>	<b>Status</b>
MOC_01	Model attitude for orbit prediction	Jonathan Degumbia	David Tracewell	1/30/2004	Board - Awaiting additional information from J. DeGumbia concerning the nominal case and the RFA should be approved
MOC_02	Clarify scheduling timeline, ensure consistency with SN	John Nagy	Steve Tompkins	1/30/2004	Board Approved
MOC_03	Clarify where FSW-MOC interface documented	Doug Spiegel	Dan Mandl	1/30/2004	Board Approved

MOC_04	Process to handle contingency procedures	Jonathan Degumbia	Dan Mandl	1/30/2004	Board Approved
MOC_05	Clarify requirements for processing and accessing offline data	Jonathan Degumbia	Mike Rackley	1/30/2004	Board Approved
MOC_06	Notify SN when AR occurs	John Nagy	Pat Crouse	1/30/2004	Board Approved
MOC_07	Implement TDRSS interface at Spectrum	Doug Spiegel	Steve Coyle	1/30/2004	Board Approved
MOC_08	Ensure DAS scheduling consistent with planning cycle	John Nagy	Tim Rykowski	1/30/2004	Board Approved
MOC_09	Address ITOS compliance with 2810.1	Mark Davis	Tim Rykowski	1/30/2004	Board Approved
MOC_10	Define s/c needs for TDRSS ephemeris	Jonathan Degumbia	Pat Crouse	1/30/2004	Board Approved

<b>FD Peer Design Review</b>			<b>Date: February 10, 2004</b>		
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<b>RFA Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Originator</b>	<b>Response Due to Review Panel Date</b>	<b>Status</b>
FD_RFA_1	Risk Of Propulsion System Failure Prior To De-orbit Burn	M. Woodard/595	J. Lynch/595	TBD	Open
FD_RFA_2	Re-entry Flight Dynamics	M. Woodard/595	M. Concha/595	April 30, 2004	Open
FD_RFA_3	TDRS Ephemeris For Spacecraft Use	M. Woodard/595	T. Stengle/595	March 31, 2004	Open
FD_RFA_4	Attitude Knowledge Uncertainty	M. Woodard/595	R. Harman/595	April 30, 2004	Open
FD_RFA_5	ITOS Sequential Prints	M. Woodard/595	R. Harman/595	March 31, 2004	Open
FD_RFA_6	Add RTADS (Real-time Attitude Determination System)	M. Woodard/595	R. Harman/595	March 31, 2004	Open
FD_RFA_7	GLAST GPS Navigation	M. Woodard/595	R. Carpenter/595	April 30, 2004	Open
FD_RFA_8	Clarify Orbit Determination/Prediction Requirements	M. Woodard/595	R. Carpenter/595	April 30, 2004	Open
FD_RFA_9	Responsibility For De-orbit Operations	M. Woodard/595	T. Stengle/595	March 31, 2004	Open

FD_RFA_10	GPS Clock Failure	M. Woodard/595	D. Quinn/595	March 31, 2004	Open
FD_RFA_11	GLAST ELV Dispersion Analysis	M. Woodard/595	G. Marr/595	March 31, 2004	Open
FD_RFA_12	Contingency Ascent Analysis	M. Woodard/595	G. Marr/595	April 30, 2004	Open
FD_RFA_13	Predicted Ephemeris Requirements	M. Woodard/595	G. Marr/595	April 30, 2004	Open
FD_RFA_14	Definition of FDS Products	M. Woodard/595	J. Teter/582	March 31, 2004	Open
<b>GFEP Peer Design Review</b>					
<b>Date: February 12, 2004</b>					
<b>RRFA Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Originator</b>	<b>Response Due to Review Panel Date</b>	<b>Status</b>
GFEP_RFA_1	Sustaining engineering is not addressed in this review	Howard Dew/ Ross Cox	Chris Spinolo/ Matt Kirichok	TBD	Open
GFEP_RFA_2	WAN data rate estimates for WSC, LEO and I&T may not be adequate	Howard Dew/ Ross Cox	Chris Spinolo	TBD	Open
GFEP_RFA_3	No explicit requirement exists for a ground receipt time	Howard Dew/ Ross Cox	Mike Rackley	TBD	Open
GFEP_RFA_4	Contingency requirements and return to service requirements were not presented or addressed	Howard Dew/ Ross Cox	Matt Kirichok	TBD	Open
GFEP_RFA_5	The interface between the MOC system and the GFEP MCE is not well defined	Howard Dew/ Ross Cox	Mike Rackley	TBD	Open
GFEP_RFA_6	The current design of the playback GFEP does not allow for automatically initiate transmission of VC files after the contact	Howard Dew/ Ross Cox	Mike Rackley	TBD	Open
GFEP_RFA_7	The NENS contractor is currently not tasked to support the GFEP implementation effort	Howard Dew/ Ross Cox	Mike Rackley	TBD	Open

3/9/04