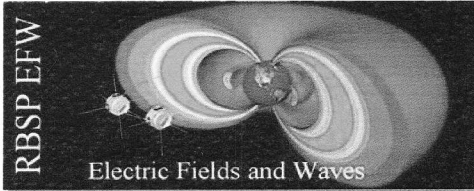# RBSP EFW

Review Plan

RBSP_EFW_RE-001-001

Peter R. Harvey
University of California, Berkeley
Revision C

Approvals

PI Approval: _____
John Wygant, RBSP EFW Principal Investigator

Manager Approval: _____ 10.10.2008
Keith Goetz, RBSP EFW Manager

coI Approval: _____ 2008-10-01
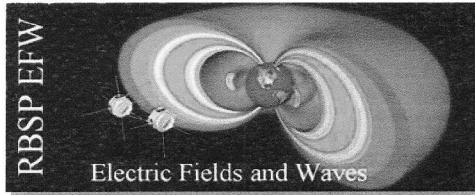John Bonnell, RBSP EFW co Investigator

Systems Approval: _____ 2008-9-30
David Curtis, RBSP EFW Systems Engineer

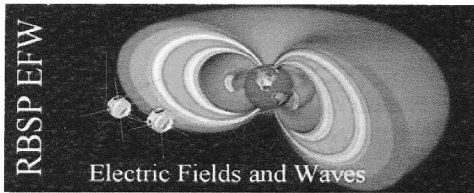QA Approval: _____ 9-30-08
Ron Jackson, RBSP EFW Quality Assurance

Document Revision Record

Rev.	Date	Description of Change
B	7/3/08	Draft
C	9/30/08	Added signature page

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RBSP EFW
Electric Fields and Waves

Introduction.

The following plan was prepared in accordance with APL document 7417-9070 APL-RBSP-CDRL_DID-01 rev A, entitled "*RBSP CDRL/DID for Science Investigations Revision A.*"

Detailed information on the FPGA reviews is provided in the following plan:
RBSP_EFW_PA_006_FPGA_Verification_Plan.doc

1. Review Plan List

This section provides a summary list of the reviews planned for the EFW.

Title	Objective	Org	Estimated Date	Loc
IPDR	Instrument Preliminary Design Review	UCB	09/03/08	UCB
SPDR	Science Operations Center Prelim Design Review	UCB	09/04/08	UCB
ICDR	Instrument Critical Design Review	UCB	06/03/09	UCB
SCDR	Science Operations Center Critical Design Review	UCB	06/04/09	UCB
IPER1	Instrument Pre-Environmental Review (FM 1)	UCB	03/05/10	UCB
IPER2	Instrument Pre-Environmental Review (FM 2)	UCB	04/27/10	UCB
IPSR12	Instrument Pre-Ship Review (FM1 & FM2)	UCB	08/16/10	UCB

Table A.1 Formal Reviews

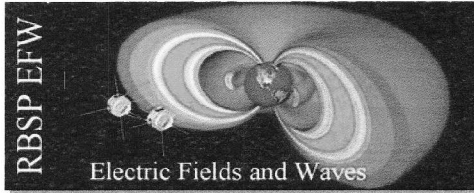| Title	Objective	Org	Estimated Date	Loc
DCBFPGA	Data Control Board FPGA Review	UCB	2Q09	UCB
DFBFPGA	Digital Fields Board FPGA Review	LASP	2Q09	LASP
DCBPR	Data Control Board Peer Review	UCB	2Q09	UCB
DFBPR	Digital Fields Board Peer Review	LASP	2Q09	LASP
LVPSPR	Low Voltage Power Supply Peer Review	UCB	2Q09	UCB
BEBPR	Boom Electronics Peer Review	UCB	2Q09	UCB
BKPPR	Backplane Peer Review	UCB	2Q09	UCB
SPBPR	Spin Plane Boom Peer Review	UCB	1Q09	UCB
AXBPR	Axial Boom Peer Review	UCB	1Q09	UCB
IPIR	Instrument Pre-Integration Review	UCB	4Q09	UCB

Table A.2 Peer Reviews

2. Agenda

The Organization noted in the "Org" column will provide a draft agenda in accordance with the objectives prior to the review.

3. Review Package Data Submittals

For each Project-level (i.e. APL) review, the EFW team will prepare and submit a review package, presentation material and the supporting data necessary for the complete understanding and assessment of the EFW instrument. Electronic copies of the material will be delivered prior to the reviews and hard copies of the presentation material will be provided at the review.

4. Review Report

When chaired by EFW, the review report will include the following:
1. List of attendees
2. Findings or minutes as requested by APL
3. Copies of Requests for Action (RFAs)

5. Action Items

The EFW team will close out action items assigned during reviews, shall be closed-out as follows:
1. Action Item Responses - Each action item close-out report shall include, as a minimum:
   a. Restatement of each action item.
   b. Summary recommendation and conclusion.
   c. Detailed descriptive narrative, analysis, calculations or other data as necessary to respond to the action items including rationale for recommendations and conclusions.
   d. Concurrence from assigning board member or Instrument Suite Manager.
2. Action Item Summary
   a. Summary List of action items, including person(s) responsible for closure, due date, status, closure date and closure summary, and reference to closure documentation.
   b. Status update for Monthly Reports (RE-002)