

Minutes from the October 12, 2001 MSFC PMC
Prepared by VS10/Rich Gladwin

Axel Roth chaired the meeting for Art Stephenson. Rich Gladwin reviewed the agenda and gave a status of open actions. Actions 1, 3 and 4 from the 8-15-01 PMC were closed. Four formulation requests were made to the PMC: (1) Advanced Cosmic Ray Composition Experiment for the Space Science (ACCESS), (2) Auroral Conjugate MidEx (ACME), (3) Extreme Universe Space Observatory (EUSO), and (4) Global Lightning Interactions with Trapped Radiation (GLITR). One out-of board activity was reported: the Independent Assessment Review for Observable Protein Crystal Growth Apparatus (OPCGA). The review team's findings were made available to PMC members, but were not presented since there were no significant findings. The review team is required to present its findings to the Lead Center Microgravity GPMC, which is scheduled for November 1. There were no implementation requests or requests for changes in approved scope.

SD50/Mark Christl presented the first formulation request, ACCESS. ACCESS addresses important questions relevant to the Structure and Evolution of the Universe theme. MSFC's role is the development of the Charge Detector subsystem, performance simulations and data analysis. During the briefing Amanda Godson requested that the S&MA support during Phase A activities be reviewed. Action 1 was assigned for that purpose. Bill Kilpatrick stated that the proposal teams must coordinate with the Engineering Directorate what skills are needed, not just numbers of FTE's. The proposal team indicated they had coordinated the ED support and that ED support was limited to technical oversight. A clarification was made that the Life Cycle Costs includes the cost of support contractor engineering services. Action 2 was assigned to include the support contractor FTE's in future presentation material. It was asked if institutional money was included in the Life Cycle Costs. The presenter responded that allowances had been made for consumables, equipment, etc. The presenter clarified that the cost reserves he quoted were based on hardware cost, and did not include mission operations and data analysis. After consulting with Council members, the PMC chairman committed MSFC resources to complete formulation activities for this proposal.

ACTION 1:

Assigned to: SD50/Mike Vanhooser

Action: Consider including S&MA support during "Phase A" activities for ACCESS, ACME, EUSO, and GLITR. After coordinating with QS01/Amanda Goodson, update the PMC presentation charts to reflect any changes made. Submit any revised charts to the PMC secretariat.

Due Date: 10/27/01

ACTION 2:

Assigned to: VS10/Rich Gladwin

Action: Update the content requirement to include contractor support FTE's for future PMC presentations.

Due Date: 11/21/01

Next, Dennis Gallagher presented the formulation request for the ACME proposal. ACME addresses Office of Space Science Sun-Earth Connection (SEC) theme by providing simultaneous monitoring of the auroral ultraviolet emissions and of the in situ plasma environment using dual spacecraft. MSFC's role is to provide the UV Imager, integrate and functionally test the optical instrument suite, and perform data analysis. Similar questions were asked regarding S&MA support during Phase A activities and the level of support to be provided by the ED support contractor. After consulting with Council members, the PMC chairman committed MSFC resources to complete formulation activities for this proposal.

Jim Adams presented the formulation request for the EUSO proposal. EUSO supports objectives of the Structure and Evolution of the Universe theme that are included in the Office of Space Sciences (OSS) Strategic Plan. MSFC is the only viable source for the Optical Subsystem and providing it is consistent with MSFC's assigned role for the manufacture of large space optics. Action 3 was assigned to contact the educational and public outreach MSFC representative, Jim Pruitt. After consulting with Council members, the PMC chairman committed MSFC resources to complete formulation activities for this proposal.

ACTION 3:

Assigned to: SD50/Jim Adams

Action: The EUSO proposal team should contact Jim Pruitt to discuss the education and public outreach plans. Notify the PMC secretariat by email when this is accomplished.

Due Date: 11/21/01

Jerry Fishman presented the final formulation request for GLITR. GLITR directly addresses an important aspect of the Sun-Earth Connection theme of NASA's OSS and the Living with a Star initiative. MSFC's role is to provide a flight Gamma-Ray Detector (GRD) instrument and support instrument operations and instrument data analysis. After consulting with Council members, the PMC chairman committed MSFC resources to complete formulation activities for this proposal.

Attendance for Center PMC
October 12, 2001

Name	Organization
<u>COUNCIL MEMBERS</u>	
Axel Roth	DE01/VS01
Bill Kilpatrick	ED01
Jackie Steadman (for Jan Davis)	FD01
Ann Whitaker	SD01
George Schmitt (for Denny Kross)	TD01
Dennis Smith	TD01
Amanda Goodson	QS01
Steve Beale	PS01
James McGroary (for Bill Hicks)	LS01
Danny Hightower (for Tereasa Washington)	CD01
<u>OTHERS IN ATTENDANCE</u>	
Rich Gladwin (PMC Secretariat)	VS10
Pat McDuffee	VS10
Bob McKemie	VS10
Gerald Flanagan	VS10
Jim Carter	AD01
Reginald Cobb	ED02
Jim Adams	SD50
Sonny Mitchell	SD21
Dick Beranek	SD21
Michael Vanhooser	SD21
Dennis Gallagher	SD50
Mark Christl	SD50
Brent Harper	SD03
Sonja Bernier	QS22
Ron King	SD44
Bill Simpson	RS40