Minutes from the May 10, 2004 MSFC PMC
Prepared by QD02/Rich Gladwin

DD01/Rex Geveden chaired the meeting. Mr. Gladwin reviewed the agenda. The agenda included: (1) Status of Open Action Items, (2) Update to the PMC List of Projects, (3) MSFC Program/Project Health Status, (4) Micro-Satellite Transportation and Relay request to begin proposal development (5) Code U Human Research Initiative request to start formulation, (6) Status of Code T Integrated Baseline Review.

QD02/Steve Newton provided a brief status of the PM/LSE/Business Manager certification effort. July 1st was established as a firm date for roll-out of the project manager certification process. Action 1 from the 4/22/03 PMC was closed (X-43C B&S Project Plan). Action 3 from the 12/19/03 PMC was also closed (workforce required for the SSME Channel Wall Nozzle SEB). Action 2 from the 03-11-04 was modified to require the X-37 project to include its budget and schedule baseline as part of its project plan since the ERASMUS website has not provided a MSFC PMC concurrence feature.

Modified Action 2 from 03-11-04:
Assigned to: XP01/Dumbacher
Action: Request that the ERASMUS website add a capability for MSFC Center management approval of project baseline data. X-37 project is to include its budget and schedule information in the X-37 project plan until such time that ERASMUS has a control feature to indicate MSFC PMC concurrence of the schedule and budget baseline information.
Due Date: June 30, 2004

Mr. Gladwin presented an update to the PMC List of Programs, Projects, and Activities. The updated list was approved.

Mr. Gladwin presented the health status trends for MSFC projects. The trend chart shows a higher percentage of yellow projects than green projects during February and March 2004. The total number of projects reporting health status was decreased by 16 due to projects being terminated or completed. Six projects reported Red during March 2004. The Red projects included: AHMS Phase I, X-37, DART, POIF, HOSC, and MSRR-1.

SD/Charles Darby presented an explanation of the MSRR-1 Red health status. ESA has stopped work on the ground rack test activities. Code U and the MSFC MSRR-1 project are actively addressing this issue with ESA. New cost, schedule, and technical baseline will be submitted to the MSFC PMC when the issues are finally resolved.

FD/Rhega Gordon presented an explanation of the HOSC and POIF Red health status. The POP04 Guidelines issued from Code U are insufficient to cover required manpower and procurements for these projects. HOSC and POIF are seeking Center Management assistance in resolving this agency issue. RS01/Susan Foster agreed to assist the HOSC and POIF projects in communicating the issues and concerns to Code U. No project rebaseline is required at this time.

UP/Jim Snoddy presented an explanation of the DART Red health status. The project has experienced cost growth with the AVGS and its Pegasus Launch Services. DE01/Axel Roth asked about the DART test philosophy with regard to not using the flight configuration during system verification testing. ED and S&MA had expressed concerns with the DART approach. Mr. Roth stressed that Engineering Directorate is the technical authority at the Center for determining the adequacy of alternate testing approaches. Mr. Roth further recommended that the DART project manager set up meetings with effected parties instead of trying to resolve issues by email. QD01/Jan Davis questioned the DART process for problem resolution. The configuration for testing was agreed to in the planning, then changed prior to thermal vacuum testing. Ms. Davis stated that the S&MA concerns were not addressed by the project. Mr. Snoddy indicated he had confidence but not a full confidence that the DART project would be successful. Mr. Geveden stated the project needed to better coordinate with S&MA and ED when the project departs from its planned processes.

ED44/Jeff Anderson presented a request to begin proposal development for the Micro-Satellite Transportation and Relay (MiSTR) project. The proposed work supports the Code T Human and Robotic Technology theme. The concept would develop and build a sequence of MiSTR flight vehicles each capable of carrying ~5 micro-satellites and placing them in lunar orbits. Mr. Anderson requested tailoring of MPG 7100.1 to combine the purple team and red team reviews with other proposal activities due to short schedule. The PMC approved the requested tailoring of MPG 7100.1. Mr. Anderson indicated the independent cost estimates would be provided by TD31/Steve Creech during the proposal development effort. Mr. Anderson was asked if a charge code was available for the proposal effort. Ms. Susan Foster indicated that the Center needed Bid and Proposal (B&P) charge codes for this type of work. The MSFC PMC approved the MiSTR team's request to begin proposal development.

SD40/Corky Clinton presented a request to submit the Science Directorate's Human Research Initiative "project plans" to Code U. The work is organized into five product lines: Radiation, Biomedical Model Systems, Bioregenerative Life Support, Human Health, and Human Support. MSFC is pursuing work in the Radiation and Human Support product lines. Mr. Clinton indicated that the proposal may be rolled up to form projects, while some proposals would not be funded. Mr. Clinton noted that some of the work was considered basic research and would not be required to follow NPG 7120.5. Mr. Geveden suggested that the proposal team pursue using actual lunar soil from Apollo missions in developing lunar concrete composition. Science Directorate was given an action to present the total workforce and MSFC facility requirements prior to Center Director approval of the HRI "project plans".

ACTION 3:
Assigned to: SD40/Corky Clinton
Action: Present the total workforce and MSFC facility requirements prior to Center Director approval of the HRI "project plans".
Due Date: June 1, 2004

TD/Jim Owen presented a status of the Code T Integrated Baseline Review. Integrated Powerhead (IPD) Demo will proceed to completion. IPD culminates in 250klb LOx/LH2 engine systems test at SSC in FY05. Auxiliary Propulsion will proceed to completion. Auxiliary Propulsion culminates in 870lb LOX/Ethanol RCS thruster prototype test and activation of a LOX-based in-space propulsion testbed at WSTF in FY05. Propulsion Technology and Integration Project (PTIP) will continue existing tasks only. PTIP existing tasks include injector technology (MSFC), miniaturized sensor (GRC), advanced avionics (MSFC), and Gr-Cop 84 Advanced Combustion Device Material (GRC/MSFC). All hypersonics projects are in the process of closeout including RBCC and TBCC. Rocket Engine Prototype Project and Propulsion Technology and Integration Project will be terminated. Mr. Owen stated that the project baseline and associated project plans would be presented to the MSFC PMC for projects that will continue.

The meeting was then concluded.

Attendance for MSFC PMC – May 10, 2004

Council Members	Organization
Rex Geveden	DD01
Axel Roth	DE01
Gerry Flanagan	VS10
Susan Foster	RS01
Bill Kilpatrick	ED01
Teresa Vanhooser (for Tony Lavoie)	FD01
Ann Whitaker	SD01
Chris Singer	TD01
Jan Davis	QS01
Jim Carter	AD01
Sheryl Goddard (for Steve Beale)	PS01
Bill Hicks	LS01
Sheila Fogle (for Jim Ellis)	AD30

Others in Attendance	Organization
Rich Gladwin (PMC Secretary)	VS10
Elaine Hamner	PS01
Tom Stinson	SD01
Alberto Duarte	TD02
Chris Cowart	QD30
Rhega Gordon	FD11
Gary Hudson	FD11
Julie Bassler	SD44
Ron Schlaghook	SD44
Corky Clinton	SD40
Helen Cole	SD44
Steve Lide	SD41
Laurel Karr	SD46
Charles Darby	SD44
Craig Kundrot	SD41
Ginger Flores	SD44
Ron King	SD44
Dennis Smith	UP01
Raymond French	SD44
John Brunson	QD02
Neil Rainwater	QD02
John McDougal	QD02
Renee Cox	UP50
Jim Owen	TD07