

2005 Current Fiscal Year Report: Robotic and Human Lunar Exploration Strategic Roadmap Committee

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1. Department or Agency

National Aeronautics and Space Administration

2. Fiscal Year

2005

3. Committee or Subcommittee

Robotic and Human Lunar Exploration Strategic Roadmap Committee

3b. GSA Committee No.

24622

4. Is this New During Fiscal Year?

Yes

5. Current Charter

12/23/2004

6. Expected Renewal Date

12/23/2006

7. Expected Term Date

03/23/2006

8a. Was Terminated During Fiscal Year?

Yes

8b. Specific Termination Authority

NASA Administrator Letter to Congress, 4/28/05

8c. Actual Term Date

05/22/2005

9. Agency Recommendation for Next Fiscal Year

Terminate

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Enacted

11. Establishment Authority Agency Authority

12. Specific Establishment Authority

NASA Administrator Letter to Congress, 12/23/04

13. Effective Date

12/23/2004

14. Committee Type

Ad hoc

14c. Presidential?

No

15. Description of Committee Other Committee

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open 2 Meetings and Dates 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 2

Purpose

The purpose of the first meeting was to provide an introduction on past and current lunar exploration activities to the committee; develop the approach and methodology for developing a lunar exploration strategy and Strategic Roadmap; develop preliminary lunar exploration strategic objectives; and develop preliminary lunar exploration alternative strategies.

Start

End

01/24/2005 - 01/25/2005

The purpose of the second meeting was to discuss lessons-learned from Apollo lunar surface operations with Apollo astronauts; discuss commercial opportunities for lunar exploration; discuss educational opportunities for lunar exploration; refine lunar exploration strategic objectives; and refine lunar exploration alternative strategies.

03/31/2005 - 04/01/2005

Number of Committee Meetings Listed: 2

Current FY Next FY

18a(1). Personnel Pmts to Non-Federal Members

\$0.00 \$0.00

18a(2). Personnel Pmts to Federal Members	\$235,145.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$143,252.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$10,095.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$3,152.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$2,137.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$91,631.00	\$0.00
18d. Total	\$485,412.00	\$0.00
19. Federal Staff Support Years (FTE)	1.00	0.00

20a. How does the Committee accomplish its purpose?

The purpose of the committee was to further science and to enable sustained human and robotic exploration of Mars and other destinations. The committee drew on the expertise of its members and other sources to provide advice and recommendations to NASA.

20b. How does the Committee balance its membership?

The committee had a balanced representation of expertise and points of view within the government, academia, and private industry in scientific and technological areas relevant to the Nation's space policy.

20c. How frequent and relevant are the Committee Meetings?

Actual number of meetings held - 2.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

Recommendations to be developed by the Committee were to help guide Agency program prioritization, budget formulation, facilities and human capital planning, and technology investment. The NASA Administrator established the committee having determined that it is in the public interest in the performance of Agency duties under the law.

20e. Why is it necessary to close and/or partially closed committee meetings?

n/a

21. Remarks

This committee was terminated at the direction of the NASA Administrator.

Designated Federal Officer

Scott B. Wilson Systems Engineer - NASA, Exploration Systems Mission Directorate

Committee Members	Start	End	Occupation	Member Designation
Abbott, Bruce	12/27/2004	05/22/2005	US Navy	Regular Government Employee (RGE) Member
Duke, Michael	01/24/2005	06/30/2005	Colorado School of Mines	Special Government Employee (SGE) Member
Hawes, Michael	01/24/2005	06/30/2005	NASA Headquarters	Regular Government Employee (RGE) Member
Head, James	01/24/2005	06/30/2005	Brown University	Special Government Employee (SGE) Member
Heflin, James	01/24/2005	06/30/2005	NASA Johnson Space Center	Regular Government Employee (RGE) Member
Howell Jr., Jefferson	01/24/2005	06/30/2005	Director, NASA Johnson Space Center	Regular Government Employee (RGE) Member
McCurdy, Howard	01/24/2005	06/30/2005	American University	Special Government Employee (SGE) Member
Morgan, Thomas	01/24/2005	06/30/2005	NASA Headquarters	Regular Government Employee (RGE) Member
Naderi, Firouz	01/24/2005	06/30/2005	NASA Jet Propulsion Laboratory (note: JPL is an FFRDC)	Regular Government Employee (RGE) Member
Parkinson, Brad	01/24/2005	06/30/2005	Stanford University	Special Government Employee (SGE) Member
Pettit, Donald	01/24/2005	06/30/2005	Astronaut, NASA Johnson Space Center	Regular Government Employee (RGE) Member
Readdy, William	01/24/2005	06/30/2005	Associate Administrator for Space Operations Mission Directorate, NASA Headquarters	Regular Government Employee (RGE) Member
Smylie, Robert	01/24/2005	06/20/2006	Associate Administrator, NASA Headquarters (ret.)	Special Government Employee (SGE) Member
Spudis, Paul	01/24/2005	06/30/2005	Applied Physics Lab (APL) at Johns Hopkins University	Special Government Employee (SGE) Member
Stafford, Thomas	01/24/2005	06/30/2005	Apollo Astronaut, NASA Johnson Space Center (ret.)	Special Government Employee (SGE) Member
Steidle, Craig	01/24/2005	06/30/2005	Associate Administrator for Exploration Systems Mission Directorate, NASA Headquarters	Regular Government Employee (RGE) Member
Tate, Thomas	01/24/2005	06/30/2005	Committee on Science and Technology, US House of Representatives (ret.)	Special Government Employee (SGE) Member
Taylor, Jeff	01/24/2005	06/30/2005	University of Hawaii	Special Government Employee (SGE) Member
Ward, Brenda	01/24/2005	06/30/2005	NASA Johnson Space Center	Regular Government Employee (RGE) Member

Number of Committee Members Listed: 19

Narrative Description

The committee was chartered with developing a recommended strategy for performing lunar exploration. This strategy was to be combined with similar recommended strategies for other space exploration activities (Mars exploration, solar system exploration, etc.) which were being developed by other Strategic Roadmap Committees. These strategies were to be synthesized by an internal NASA working group into an overall exploration

strategy for NASA. In May 2005 the NASA Strategic Roadmap Committee efforts were terminated, and further meetings were cancelled without a final report or recommendations being submitted by this committee. The preliminary results and products from the committee discussions were provided to an internal NASA study team, the Exploration Systems Architecture Study (ESAS).

What are the most significant program outcomes associated with this committee?

Checked if Applies

- Improvements to health or safety
- Trust in government
- Major policy changes
- Advance in scientific research
- Effective grant making
- Improved service delivery
- Increased customer satisfaction
- Implementation of laws or regulatory requirements
- Other

Outcome Comments

As noted above, the preliminary results and products from the committee discussions were provided to an internal NASA study team, the Exploration Systems Architecture Study (ESAS). This team used the committee's information (as well as other sources of information)in the formulation of NASA's lunar exploration architecture.

What are the cost savings associated with this committee?

Checked if Applies

- None
- Unable to Determine
- Under \$100,000
- \$100,000 - \$500,000
- \$500,001 - \$1,000,000
- \$1,000,001 - \$5,000,000
- \$5,000,001 - \$10,000,000
- Over \$10,000,000
- Cost Savings Other

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

0

Number of Recommendations Comments

Committee was terminated before recommendations or final report was delivered.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

0%

% of Recommendations Fully Implemented Comments

Committee was terminated before recommendations or final report was delivered.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

Committee was terminated before recommendations or final report was delivered.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes No Not Applicable

Agency Feedback Comments

NA

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

- Reorganized Priorities
- Reallocated resources
- Issued new regulation
- Proposed legislation
- Approved grants or other payments
- Other

Action Comments

As noted above, the preliminary results and products from the committee discussions were provided to an internal NASA study team, the Exploration Systems Architecture Study (ESAS). This team used the committee's information in the formulation of NASA's lunar exploration architecture development.

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

- | | |
|---------------------------|-------------------------------------|
| Contact DFO | <input checked="" type="checkbox"/> |
| Online Agency Web Site | <input type="checkbox"/> |
| Online Committee Web Site | <input type="checkbox"/> |
| Online GSA FACA Web Site | <input checked="" type="checkbox"/> |
| Publications | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Access Comments

NA