

2005 Current Fiscal Year Report: Robotic and Human Exploration of Mars Strategic Roadmapping Committee

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1. Department or Agency		2. Fiscal Year	
National Aeronautics and Space Administration		2005	
3. Committee or Subcommittee		3b. GSA Committee No.	
Robotic and Human Exploration of Mars Strategic Roadmapping Committee		22871	
4. Is this New During Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
Yes	12/10/2004	12/10/2006	05/22/2005
8a. Was Terminated During Fiscal Year?	8b. Specific Termination Authority	8c. Actual Term Date	
Yes	NASA Administrator Letter to Congress, 4/28/05	05/22/2005	
9. Agency Recommendation for Next Fiscal Year	10a. Legislation Req to Terminate?	10b. Legislation Pending?	
Terminate	No	Enacted	
11. Establishment Authority	Agency Authority		
12. Specific Establishment Authority	13. Effective Date	14. Committee Type	14c. Presidential?
NASA Administrator Letter to Congress, 12/10/04	12/10/2004	Ad hoc	No
15. Description of Committee Other Committee			
16a. Total Number of Reports 1			
16b. Report Date	Report Title		
05/22/2005	A RoadMap for the Robotic and Human Exploration of Mars		
Number of Committee Reports Listed: 1			

17a. 3 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 3
Open

Meetings and Dates

Purpose	Start	End
The purpose of the first meeting was to review current Mars science, missions, and plans.	01/04/2005	01/05/2005
The purpose of the second meeting was to review key capability drivers for Mars Exploration and development of roadmap and pathways.	02/08/2005	02/10/2005
The purpose of the third meeting was to integrate the roadmaps and to detail outline for the final report.	03/29/2005	03/30/2005

Number of Committee Meetings Listed: 3

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$162,589.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$143,252.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$7,809.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$15,241.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$3,431.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$1,328.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$4,742.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$104,740.00	\$0.00
18d. Total	\$443,132.00	\$0.00
19. Federal Staff Support Years (FTE)	1.00	0.00

20a. How does the Committee accomplish its purpose?

The committee completed its report and advised the NASA Administrator on Mars exploration, including robotic exploration of Mars to search for evidence of life, to understand the history of the solar system, and to prepare for future human exploration. The Committee made several recommendations on human expeditions to Mars and the precursor robotic missions to gain adequate knowledge about the planet. Recommendations provided by the Committee will help guide Agency program prioritization, budget formulation, facilities and human capital planning, and technology investment.

20b. How does the Committee balance its membership?

The committee consisted of a balance of experts from within the government, private industry, and academia.

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

Number of actual meetings held - 3.

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

The NASA Administrator determined that this committee was in the public interest in connection with the performance of Agency duties under the law. Members of the committee were chosen from among industry, academia, and government with recognized knowledge and expertise in specific areas across NASA's portfolio.

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

Michael Meyer Mars Senior Scientist

Committee Members	Start	End	Occupation	Member Designation
Arvidson, Raymond	12/02/2004	05/22/2005	Washington University	Special Government Employee (SGE) Member
Braun, Robert	12/02/2004	05/22/2005	Georgia Institute of Technology	Special Government Employee (SGE) Member
Cameron, James	12/02/2004	05/22/2005	producer/writer/director	Special Government Employee (SGE) Member
Cohen, Aaron	12/02/2004	05/22/2005	Texas A & M University	Special Government Employee (SGE) Member
Diaz, Alphonso	12/02/2004	05/22/2005	Associate Administrator for Science Mission Directorate, NASA Headquarters	Regular Government Employee (RGE) Member
Dorfman, Steven	12/02/2004	05/22/2005	Hughes Electronics	Special Government Employee (SGE) Member
Elachi, Charles	12/02/2004	05/22/2005	Director, NASA Jet Propulsion Laboratory (note: JPL is an FFRDC)	Special Government Employee (SGE) Member
Godwin, Linda	12/02/2004	05/22/2005	NASA Johnson Space Center	Regular Government Employee (RGE) Member

Hinners, Noel	12/02/2004	05/22/2005	Lockheed Martin	Special Government Employee (SGE) Member
Kresa, Kent	12/02/2004	05/22/2005	Northrop Grumman	Special Government Employee (SGE) Member
Lee, Gentry	12/02/2004	05/22/2005	NASA Jet Propulsion Laboratory (note: JPL is an FFRDC)	Special Government Employee (SGE) Member
Leshin, Laurie	12/02/2004	05/22/2005	Arizona State University	Special Government Employee (SGE) Member
Lucid, Shannon	12/02/2004	05/22/2005	NASA Johnson Space Center	Regular Government Employee (RGE) Member
Mahaffy, Paul	12/02/2004	05/22/2005	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
McKay, Christopher	12/02/2004	05/22/2005	NASA Ames Research Center	Regular Government Employee (RGE) Member
Meyer, Michael	12/02/2004	05/22/2005	Designated Federal Official, Science Mission Directorate, NASA Headquarters	Regular Government Employee (RGE) Member
Ride, Sally	12/02/2004	05/22/2005	University of California San Diego	Special Government Employee (SGE) Member
Soderblom, Lawrence	12/02/2004	05/22/2005	U.S. Geological Survey	Regular Government Employee (RGE) Member
Squyres, Steven	12/02/2004	05/22/2005	Cornell University	Special Government Employee (SGE) Member

Whitson, Margaret	12/02/2004	05/22/2005	NASA Johnson Space Center	Regular Government Employee (RGE) Member Special Government Employee (SGE) Member
Young, A.	12/02/2004	05/22/2005	Lockheed Martin	Regular Government Employee (RGE) Member Special Government Employee (SGE) Member

Number of Committee Members Listed: 21

Narrative Description

The committee developed a final report with over 20 scientific, programmatic, and technology recommendations. The activities were split into three phases and should help guide the agency as it goes through each phase of exploration.

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

	Checked if Applies
Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

NA

What are the cost savings associated with this committee?

	Checked if Applies
None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>

Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

NA

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

20

Number of Recommendations Comments

NA

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

The recommendations cover a span on 30 years.

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

10%

% of Recommendations Partially Implemented Comments

This is a long-range plan in which some progress has been made on some recommendations, while others have not yet started and, as time passes and things change, some recommendations may never get implemented.

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	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

NA

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 type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

NA