

Mars Landing Site Selection Workshop

Pasadena, California
October 17th and 18th, 2001

October 17th, Wednesday
Introduction

- 8:30 a.m. Welcome to the Workshop
John Grant and Matt Golombek (Co-Chairs, Landing Site Steering Committee),
Cathy Weitz (MER Program Scientist)
- 8:45 a.m. Update on the Mars Exploration Program
Jim Garvin, Mars Program Scientist
- 9:15 a.m. Overview of the Landing Site Selection Process and Workshop Goals
John Grant and Matt Golombek (Co-chairs, Landing Site Steering Committee)
- 9:30 a.m. Engineering Constraints on MER Landing Sites
Mark Adler (Project Engineer) and Joy Crisp (Project Scientist)
- 10:10-10:15 a.m. Coffee Break
- 10:15 a.m. Overview of Current Ellipses and Supporting Data Sets
Matt Golombek and Tim Parker
- Science Potential of the Sites and Discussion
- 10:45 a.m. The Hematite Sites
Phil Christensen, Science Spokesperson
- 11:45-1:15 p.m. Lunch
- 1:15 p.m. Melas Chasma and Central Valles Marineris
Tim Parker, Science Spokesperson
- 2:15 p.m. Isidis Basin
Larry Crumpler, Science Spokesperson
- 3:15-3:30 p.m. Coffee
- 3:30 p.m. Crater Lakes I: Gusev, Boedicker, and "Unnamed" EP69A
Nathalie Cabrol, Science Spokesperson
- 4:15 p.m. Crater Lakes II: Gale and Meridiani Crater
Nathan Bridges, Science Spokesperson
- 5:00 p.m. Eos Chasma and Northeast Valles Marineris
Ruslan Kuzmin, Science Spokesperson
- 6:00 p.m. End of Day One

October 18th, Thursday
Science Potential of the Sites and Discussion (cont'd)

8:30 a.m. Athabasca Vallis (Elysium)
Jim Rice/Tim Parker, Science Spokespersons

9:30 a.m. Meridiani and Other Highlands Sites
Mike Carr, Science Spokesperson

10:15-10:30 Coffee

10:30 a.m. Discussion of Sites

11:30-1:00 p.m. Lunch

Landing Site Safety and Discussion

1:00 p.m. Introduction to Landing Site Safety Issues
Matt Golombek, Co-Chair, Landing Site Steering Committee

1:15 p.m. Implications of MOLA pulse spread data for landing site selection
Jim Garvin, NASA Mars Exploration Program Scientist

1:45 p.m. Using MOLA data to Evaluate Landing Sites
Mike Shepard, Bloomsburg University

2:15 p.m. Surface Roughnesses via Photoclinometry on MOC images
Alfred McEwen, University of Arizona

2:35 p.m. DTM's Derived from MOC Stereo Images
Randy Kirk, USGS

2:55-3:10 p.m. Coffee

3:10 p.m. Implications of the TES data for Surface Properties and Landing Safety
Shannon Pelkey, University of Colorado

3:40 p.m. Rock Abundance derived from TES data
Scott Nowicki and Phil Christensen

4:10 p.m. A Summary of Landing Site Safety Evaluations
Matt Golombek, Co-chair Landing Site Steering Committee

4:30-6:00 p.m. Discussion and Prioritization of Landing Sites

End of Meeting