Optimizing Science and Exploration Working Group (OSEWG)

Key Accomplishments
Accomplishments

✓ March 2007: OSEWG formed and original Charter approved.
✓ June 25-27, 2007: OSEWG/LEAG Workshop, @ Lunar & Planetary Institute (LPI), Houston, TX

Architecture Issues Associated with Sampling

✓ March-May 2008: OSEWG Reorganized
  ➢ Surface Science Scenarios Team (Terms of Reference Approved)
  ➢ Analog Missions (Shared ESMD & SMD coordination)
  ➢ Lunar Data Integration (ESMD provides status and outbriefs)
  ➢ Science Objectives Team (SMD provides status and outbriefs)
  ➢ Lunar Architecture Team (ESMD provides status and outbriefs)
✓ May 12, 2008: Revised OSEWG Charter approved by ESMD and SMD DAA’s
✓ June 2-12, 2008: Mission Analogs Field Test, Short Distance Mobility Test, Moses Lake, WA
✓ June 11-12, 2008: OSEWG Surface Science Scenarios Phase I Workshop @ LPI, Houston, TX
✓ June 18-20, 2008: OSEWG Participating at Lunar Capability Concept Review (LCCR) – Altair and Ares V Transportation Systems @ JSC, Houston, TX
Accomplishments

✓ June 23-24, 2008: NAC Planetary Science Subcommittee @ GSFC, Greenbelt, MD
  ➢ OSEWG Briefing to the Science Committee
✓ July 8, 2008: OSEWG/LEAG '07 Workshop Draft Report to participants and LEAG
✓ July 9, 2008: NAC Science Committee @ GRC, Cleveland, OH
  ➢ OSEWG Briefing to the Science Committee
✓ July 13-20, 2008: Committee on Space Research (COSPAR), Montreal, Canada
  ➢ Discussion of International Data Standards and Planetary Protection
✓ July 14, 2008: OSEWG Science Objectives Workshop @ NASA HQ
  ➢ Review of EARD/CARD impacts on science
✓ July 16-17, 2008: Analog Field Test Meeting @ JSC, Houston, TX
  ➢ Lessons Learned from June Field Test
★ July 18-August 14, 2008: Haughton-Mars Project (HMP) Field Deployment, Devon Island, Canada
✓ July 20-23, 2008: NASA LSI Lunar Conference @ ARC, San Francisco, CA
  ➢ Outbrief of OSEWG SSST Phase 1 Workshop Results
  ➢ Interim Report of the LEAG Roadmap
Accomplishments

✓ August 5, 2008: Surface Science Scenarios Workshop @ GSFC
✓ August 7, 2008: OSEWG Participation at the Cx Lunar Architecture Concepts Tiger Team @ HQ
✓ August 14, 2008: Surface Science Scenarios Follow-on Workshop @ GSFC
✓ August 21, 2008: Special OSEWG Plenary Meeting with LSS Project Managers @ HQ
✓ August 26, 2008: Analogue Field Test Meeting @ JSC, Houston, TX
  ➢ Lessons Learned from 2008 Haughton-Mars Project (HMP) Field Deployment
✓ September 3, 2008: SMD-ESMD Roundtable @ HQ
  ➢ OSEWG briefing to the SMD and ESMD Deputy Associate Administrators
✓ September 18, 2008: Science Objectives Workshop II @ HQ
  ➢ OSEWG Implementation Framework
✓ September 29-October 1, 2008: Lunar Exploration Architecture Workshop, Cocoa Beach, FL
  ➢ OSEWG Teleconference on “Payload mass returned from the Moon to Earth”,
Accomplishments

☑ October 1, 2008: ESMD funding of NASA Support Tasks to OSEWG begins.
☑ October 2, 2008: NAC Planetary Sciences Subcommittee @ NASA HQ
  ➢ OSEWG Briefing to the Planetary Science Subcommittee
☑ October 10, 2008: Space Weather face-to-face Discussion @ NASA HQ
☑ October 13-14, 2008: CAPTEM Meeting @ LPI, Houston, TX
  ➢ OSEWG Briefing to the CAPTEM
☑ October 15, 2008: Begin weekly Lunar Integration Forum conducted jointly by OSEWG and the Constellation Lunar Surface Systems (Cx-LSS) Team
☑ October 22, 2008: SMD Planetary Science Division Flight Projects Review @ NASA HQ
  ➢ OSEWG Presentation to the FPR