



Wrap Up

PDS 2010 System Review

March 22-24, 2010

Outline

- PDS 2010 Goals
- Review objectives
- Accomplishments
- Feedback Process
- Board Request
- Acknowledgements

PDS 2010 Goals from MC

- Simplified, but rigorous, archiving standards that are consistent, easy to learn, and easy to use
- Adaptable tools for designing archives, preparing data, and delivering the results efficiently to PDS
- On-line services allowing users to access and transform data quickly from anywhere in the system
- A highly reliable, scalable computing infrastructure that protects the integrity of data, links the nodes into an integrated data system, and provides the best service to both data providers and users

Review Objectives

- Assess technical architecture and ensure that it is responsive to the needs, drivers and requirements for the PDS over the next decade
- Ensure PDS has a design that is responsive to the architecture and PDS drivers
- Assess the implementation plan (schedule, resources, phasing)
- Ensure that PDS has a deployment and infusion plan for PDS 2010 that includes PDS nodes and missions
- Assess the transition plan from PDS3 to PDS4 operations
- Provide overall technical and project management recommendations

Accomplishments to Date

- Project plan defined and being executed
- Funding in place for the project
- Requirements in place
- PDS-wide Architecture defined
- Prototype PDS products defined using maturing PDS4 specification
- Data provider engagement
- Software prototypes for tradeoffs of key services
- Specifications for key infrastructure services
- Prototypes conducted to support technical trade decisions
- Multiple reviews with PDS Management Council and Technical Group
- Assessment projects underway with the International Planetary Data Alliance to coordinate standards
- Transition plan developed for transitioning both software and data over time

Feedback Process

- RFA forms are provided online on the review website
- They can be emailed to Emily Law (Emily.Law@jpl.nasa.gov)
- RFAs will be collected and then dispositioned by the project team

Request to the Board

- Capture RFAs
- Appreciate a verbal report of some highlights
- Written report can follow
- Interest in supporting our next review in March 2011 to discuss distribution and status

Acknowledgements

- PDS Working Groups
 - Having gone above and beyond the call of the duty
- PDS Management
 - PDS Management (Knopf, Grayzeck, Beebe)
 - PDS Management Council
- PDS 2010 System Review Board