System Review Overview

PDS 2010 System Review

March 22-24, 2010

Outline

- Welcome and Logistics
- Review Board
- Purpose/Goals/Charge
- Agenda

Welcome

- Logistics
  - Introductions
  - Restrooms
  - Agenda

- Start/End Times
  - Start each day at 9 AM; Wednesday we will end by noon, latest

- Web/Teleconferencing Access

March Review Board

- David Heather, ESA, ESTEC
- David Korsemeyer, ARC
- David Linick, JPL, Board Chair
- Jan Merka, GSFC
- Andy Schain, NASA HQ
- Peter Shames, JPL

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

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

Review Agenda (Day 1)

Duration	Title	Presenter	Start Time
15	Introductions; Goals	Dan Crichton	9:00 AM
30	PDS Overview, Roadmap and science drivers; mission drivers	Reta Beebe	9:15 AM
45	PDS Engineering Overview and PDS 2010 project and Technical Assessment	Dan Crichton	9:45 AM
15	Break		10:30 AM
30	Architecture Plans (System and Data)	Dan Crichton	10:45 AM
60	Concept of Operations (Planning, Design, Ingestion, Distribution)	Sean Hardman	11:15 AM
60	Lunch		12:15 PM
30	PDS3 Assessment	TBD	1:15 PM
30	PDS4 Data Standards Implementation Plan	Steve Hughes	1:45 PM
45	PDS4 Data Architecture Design (Information Model and Core Data Structures)	Steve Hughes	2:15 PM
15	Break		3:00 PM
45	PDS4 Data Architecture Design (Data Dictionary, Grammar, etc)	Steve Hughes	3:15 PM
30	PDS4 Case Studies from the Discipline Nodes	TBD	4:00 PM
30	PDS4/Mission Alignment (LADEE, MAVEN, others)	Reta Beebe	4:30 PM
480	Adjourn		5:00 PM

Review Agenda (Day 2)

Duration	Title	Presenter	Start Time
30	International Partners and IPDA	Dan Crichton	9:00 AM
30	Interoperability Case Study: Venus Express	Reta Beebe	9:30 AM
30	International Partners and China	TBD	10:00 AM
30	Break		10:30 AM
30	PDS 2010 System Implementation Plan (Development, CM, etc)	Dan Crichton	10:45 AM
60	PDS 2010 System Architecture and Design (Ingestion, Archive, Distribution)	Sean Hardman	11:15 AM
60	Lunch		12:15 PM
90	PDS 2010 IT Services (Security, Registry, …); Support for Science Services	Sean Hardman	1:15 PM
15	Break		2:15 PM
30	PDS 2010 Tools	Sean Hardman	3:00 PM
30	PDS 2010 Test Plans	Emily Law	3:30 PM
30	PDS 2010 Deployment Plan (Builds, Hardware Infra, …)	Emily Law	4:00 PM
465	Adjourn		4:30 PM

Review Agenda (Day 3)

Duration	Title	Presenter	Start Time
45	PDS 2010 Migration & Transition Planning	Emily Law/Dan	9:00 AM
30	Resource Plans and Schedule	Dan Crichton	9:45 AM
30	Wrap up	Dan Crichton	10:15 AM
60	Board Caucus and Recommendations	Board Chair	10:45 AM
165	Adjourn		11:45 AM