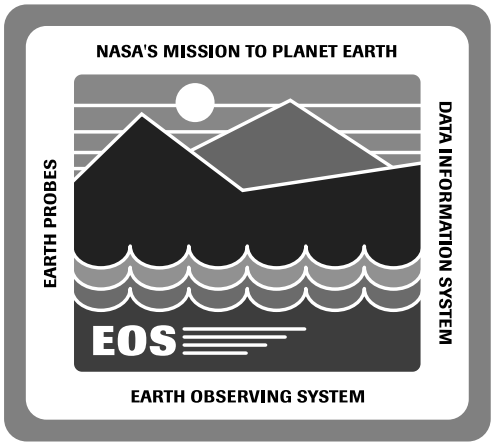
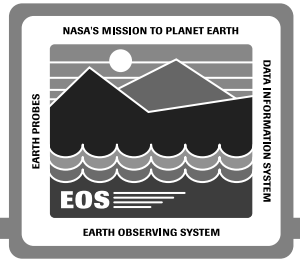


SDPS Review Board Findings

Moshe Pniel

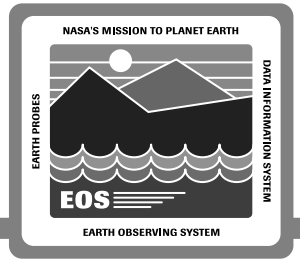
28 February 1995

Agenda



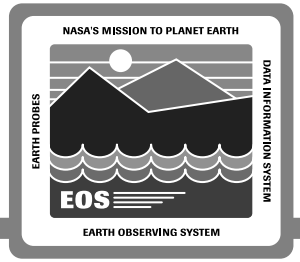
- Board Statement
- RIDs
- RID Categories
- RID Category Definitions
- CSMS RIDs Adopted by SDPS
- System Level (EOSDIS) Concerns
- Concluding Statement

SDPS Review Board Findings



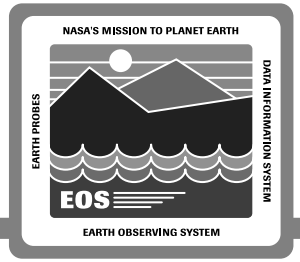
- **The SDPS PDR was successful**
- **Many recommendations of both the Data Panel and the DAACs were satisfied by this review**
- **No “showstoppers” were identified**
- **Issues and Discrepancies were identified that need to be worked prior to the CDR season (potential CDR showstoppers)**

SDPS RIDs



- **A total of 89 RIDs were identified**
- **Of these, 30 are Priority 1 RIDs**
  - **9 Priority 1 Project RIDs**
  - **18 Priority 1 HAIS RIDs**
  - **3 Priority 1 Joint RIDs**

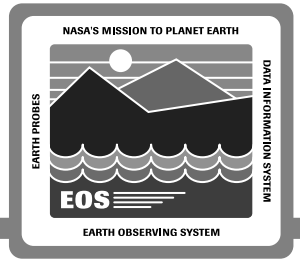
SDPS RID Categories



- Capacity (3 RIDs)
- Planning / Scheduling (4 RIDs)
- Algorithm I&T (2 RIDs)
- Project Requirements (6 RIDs)

- User Model (2 RIDs)
- DAAC Interaction (3 RIDs)
- Release Plan (2 RIDs)
- Management (2 RIDs)
- V0 Migration (1 RID)
- CSMS (3 RIDs)
- Architecture Summary (1 RID)
- Off-Line Storage (1 RID)

Top Four RID Categories



Capacity

- **Online staging and storage requirements**

Planning / Scheduling

- **Planning to deal with anomalous conditions (queuing and failure recovery)**
- **Clarification of design in some areas**

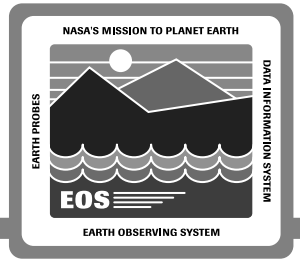
Algorithm I&T

- **Interfaces between DAAC, ECS, and Algorithm developers**
- **Identification of test data requirements**

Project Requirements

- **Access to DAO, FDF data**
- **Dependency on Internet**
- **Requirements traceability**
- **Instrument data interdependency**
- **End-to-end testing**

Remaining RID Categories



User Model

- **Refine user model**

DAAC Interaction

- **Involve DAACs in the development of user interface tools**
- **Complete implementation plan for Version 0 reuse**

Release Plan

- **Add subsetting to Release A**
- **Speed up development of the DIM**

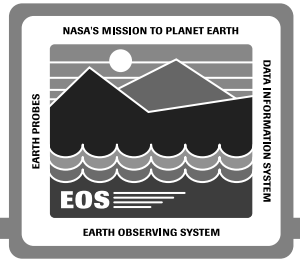
Management

- **Manage system capacity**
- **Establish system-wide configuration management**

V0 Data Migration

- **AVHRR Pathfinder Data Server not identified**

Remaining RID Categories (cont.)



CSMS

- **Missing requirement for modem access**
- **DAAC end-to-end performance monitoring**
- **LAN test plan**

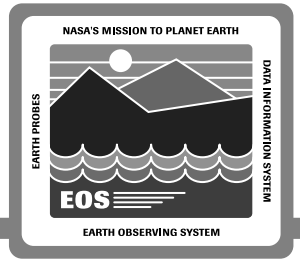
Architecture

- **Summary of ECS architecture needed**

Off-line Storage

- **Handling of off-line media in the system**

CSMS RIDs Adopted by SDPS



RID 139: True cost of COTS

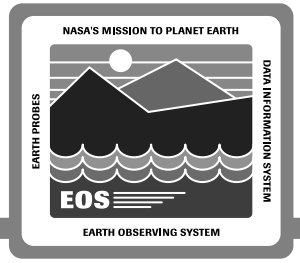
RID 143: Program development guidelines and training

RID 150: CDR level of design

RID 161 & 162: Lack of Operational Concept Perspective and "Day in the Life"

RIDs 163 & 164: Joint functions - what exists where

System Level (EOSDIS) Concerns



The SPDS Review Board recommends that additional visibility into the status of the integrated EOSDIS system and architecture is made available to the science community, DAACs, etc.

Identify responsible entity(ies) and plans for

- **Operations concept**
- **End-to-end testing**
- **Stress testing**
- **IV&V role**