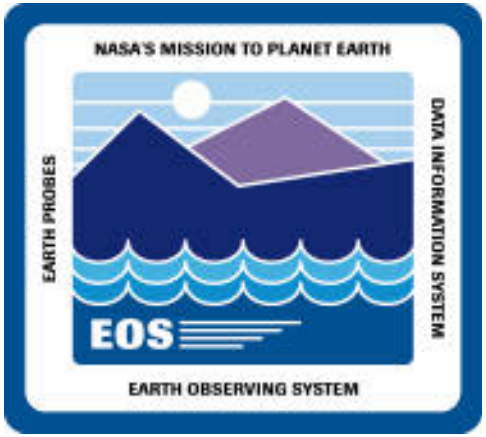
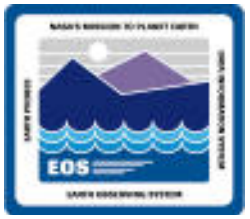


Pre-Demo Activities

Mary Armstrong

28 August 1997

Additional Functionality Shown Prior to August Demo

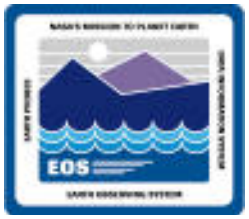


- **Ingest of AM-1 Level 0 Data: Insertion of EDOS MODIS data with PDS**
- **Ingest of ASTER L1A and L1B from D3 tape**
- **Conversion of AM-1 ancillary packets into orbit and attitude files**

EDOS MODIS PDS Insertion

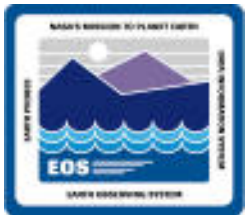
- **Objective:**
  - Test ECS' ability to ingest EDOS-provided data with PDS
  - Provide feedback on problems in data structure or format for future interface tests
- **Functionality Demonstrated:**
  - Used Ingest polling interface to detect EDOS data
  - Extracted and validated metadata
  - Archived data, loaded metadata, and returned status
  - Verified through inspection of Ingest logs and database contents
- **Conditions:**
  - Used MOD00 data provided by EDOS; PDR was modified to match ICD specifications
  - Ran in EDF and in Mini-DAAC (as part of Ingest performance testing preparation)

Ingest of L1A and L1B Data from D3 Tape



- **Objective:**
  - Test ECS' ability to ingest GDS-provided ASTER data
  - Provide feedback on discrepancies in data structure or format for future interface tests
- **Functionality Demonstrated:**
  - Used Ingest GUI to identify D3 tape
  - Moved data from tape
  - Extracted and validated metadata
  - Archived data, loaded metadata, and returned status
  - Verified through inspection of Ingest logs and database contents
- **Conditions:**
  - Used modified version of GDS-provided ASTER L1A, L1B (both tapes provided required some modification to be usable)
  - Ran in Mini-DAAC

Conversion of AM-1 Ancillary Packets into Orbit and Attitude Files



- **Objective:**
  - Demonstrate data preprocessing functionality (DPREP) to convert AM-1 ancillary packets into orbit and attitude files that can be used by the ECS toolkit during PGE execution
- **Functionality Demonstrated:**
  - Activated plan to start PGEs
  - Manually inserted input data
  - Verified by monitoring progress of jobs and viewing output logs
- **Conditions:**
  - Used synthetic test data based on ICD
  - Used a synthetic PGE to show that toolkit calls to read orbit and attitude files worked properly
  - Ran in EDF