

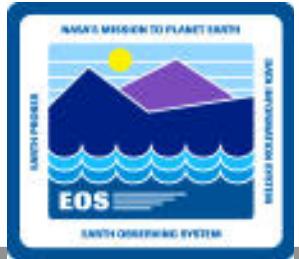
---

# Post-Acceptance Test Plan

**Andy Miller**

---

**2 September 1997**



# FOS RRR Roadmap

## Overview Material

### FOS Overview

- RRR Objectives
- FOS Status & Schedule

### FOS CSR Action Items

- CSR Action Item Status

### Functional Overview

- List of FOS capabilities

## FOS Acceptance Test Status

### Acceptance Test Status

- Test Results
- Technical Liens & Issues
- External Interface Test Status

## FOS Audits

### Audit Results

- Physical Cfg Audit (PCA)
- Functional Cfg Audit (FCA)

## FOS Next Steps

### Post-Acceptance Test Plan

- External Engineering Tests
- IST Delivery
- FOT Plans

### Post-B Development/ Sustaining Engineering/

- Approach
- Schedule

# Post-Acceptance Test Plan



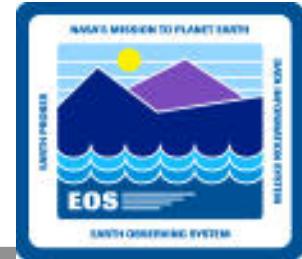
**4IST Deliveries**

**4FOS User Support**

**4External Interface Tests**

**4FOS Development and Sustaining Engineering**

# IST Deliveries (1 of 3)



## Plan

- Deliver Release B IST to the set of IST users

## Objective

- Ensure users can effectively use IST to develop operational products
- Ensure IST users gain familiarity with IST toolkit and its capabilities

## Approach

- Provide demonstration to the users at their facility
- Focus on key IST functionality for the users
- Receive system usability feedback from instrument/system users

# IST Deliveries (2 of 3)



## IST Preparation Steps

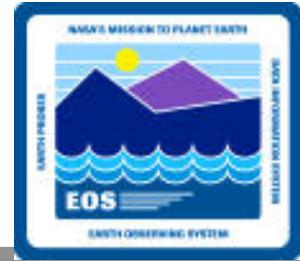
- Complete HP port and checkout
- Install COTS TroubleTicket on EOC Server
- Perform remote installation
- Perform demo at each site

## FDD IST

- Provides interface with FDD for telemetry
- FOS provides API software to FDD so that FDD can link directly into the FOS Parameter Server software
- API software and IST provided to FDD by 10/1/97
- Interface coordination between FOS and FDD between 10/1/97 and 12/97

# IST Deliveries (3 of 3)

## Installation Schedule



- Remote installations
  - 9/22/97 through 10/24/97
  - All sites
- On-Site Demonstrations (phase 1)
  - 10/13/97 through 10/24/97
  - CERES, MODIS, MISR
- On-Site Demonstrations (phase 2)
  - 10/26/97 through 11/7/97
  - ASTER, MOPITT
- On-Site Demonstrations (phase 3)
  - 11/10/97 through 11/21/97
  - Valley Forge, FSTB
- Others
  - ASTER JPL (1/98)
  - MOPITT/NCAR (COTS issue)



# FOS User Support (1 of 2)

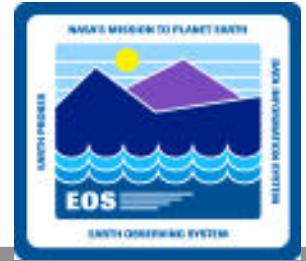
## Users

- Instrument teams
- FOT
- IV&V

## FOT

- Objective
  - Continue close collaboration with FOT
- Specific areas of collaboration
  - Patch planning for FOS upgrades
  - Automation study
  - Usability feedback
  - Refinement of Operations Tools Manual

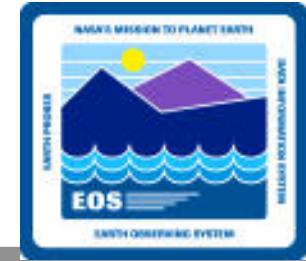
# FOS User Support (2 of 2)



## IV&V

- **Objective**
  - Provide informal training to increase IV&Vs familiarity with FOS
- **Approach**
  - Provide systems overview (system start-up, shutdown, etc.)
  - Provide functional demonstrations by operational area
  - Provide system tool demonstrations
  - Define operational workarounds
  - Establish close coordination
    - u Facilitate scheduling activities (engineering tests, patch installations)
    - u Facilitate efficient communication channels for feedback

# External Interface Tests



## Informal Engineering Tests

- **Objective**
  - Ensure that technical interface implementations are functional and robust
- **Approach**
  - Schedule informal engineering tests with FOS external interfaces periodically
- **Interfaces**
  - AM1
  - ASTER
  - EDOS
  - ETS
  - FDD