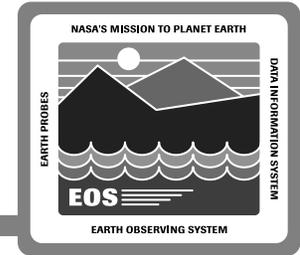


Site Activation

Robin Whitehurst

31 March 1995

M&O Activation



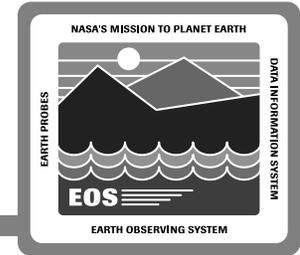
M&O “Key” Requirements

- COTS Hardware/Vendor Software Installation
- Staffing
- Training
- Maintenance & Operations
- Documentation

Concerns

ECS M&O Continuing Activities

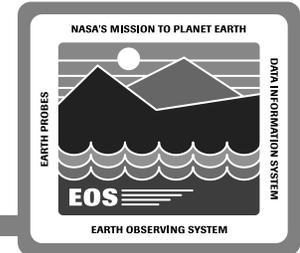
COTS Installation



Provide COTS Hardware/Vendor Software Installation

- **Two teams travel to sites installing most COTS beginning in January 1997 and completing by May 1997 - CSR minus 30 days**
- **I&T provides COTS checkout (M&O supports) from May 1997 to June 1997 (CSR)**
- **Installation Plan White Paper due out two months prior to installation**

M&O Staffing



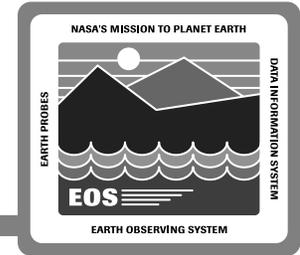
Provide staff at the sites in support of Release B Missions, e.g., Landsat-7, AM-1, etc. and additional functionality, e.g., accounting & billing

- **ECS Operations Plan 608/OP1**

Site Hours of Operations

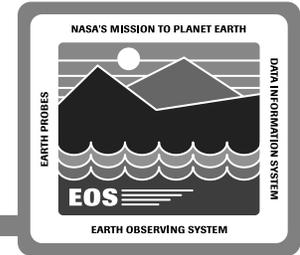
- **24X7 ops at GSFC, LaRC and EDC by June 1998 (AM-1 & Landsat-7 Ops)**
 - **Staff exists supporting IR-1, Rel. A - ramps up for Release B activities**
- **8X7 ops at NSIDC by June 1998**
 - **Staffing begins (8X5) in CSR (June 1997) timeframe for sustaining eng., training & testing activities**

M&O Staffing (cont.)



- **8X5 ops at ASF and JPL beginning June/July 1997 to support sustaining eng., training & testing activities**
- **8X7 ops continues at MSFC in support of TRMM Mission**
 - **2nd shift User Services Support**
- **24X7 ops continues at SMC**
 - **additional staff added to support accounting & billing**

M&O Training

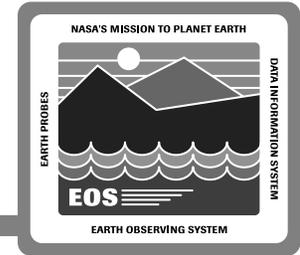


Provide M&O Training to Operations Staff, Government, IV&V etc.

Details provided in:

- **Detailed Training Plan (622/OP2)**
- **Training Material (625/OP3)**
- **M&O Cert. Plan (626/OP1)**

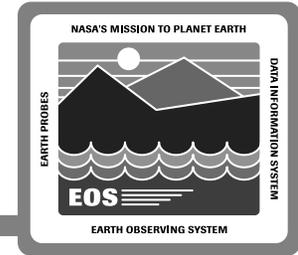
Mission M&O



Provide M&O Support at Each Site

- **Integrated Logistics Support**
- **Sustaining Engineering**
- **Data Management & Administration**
- **Data Ingest, Archive & Distribution**
- **Production Planning & Processing**
- **Systems Management**

M&O Documentation - Release B



**RIR
3/95**

- **ECS Operations Plan**
608/OP1

**IDR
9/95**

- **COTS Maintenance Plan (P)**
613/OP1
- **Dev'd S/W Maint. Plan (F)**
614/OP1
- **Training Plan**
622/OP2

**CDR
3/96**

- **Facilities Plan (Update)**
302/DV2
- **Maint. & Ops Manual**
607/OP2
- **COTS Maintenance Plan (F)**
613/OP1
- **Dev'd S/W Maint. Plan (F)**
614/OP1
- **ILS Plan**
616/OP2
- **Replacement Part & Spares List**
618/OP3
- **Test & Sup. Equip Rqmts List**
619/OP3
- **Training Plan**
622/OP2

**CSR
6/97**

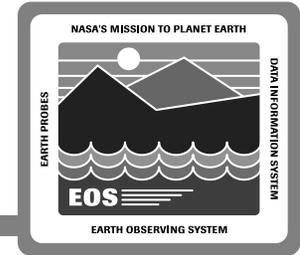
- **Ops Manuals**
611/OP3

**RRR
9/97**

- **Ops Readiness Plan**
603/OP1
- **Replacement Part & Spares List**
618/OP3
- **Test & Sup. Equip Rqmts List**
619/OP3
- **Training Material**
625/OP3
- **M&O Cert. Plan**
626/OP1

NOTE: Extensively contributing to 604/OP1 Ops Concept Doc.
and 605/OP5 Operations Scenairos

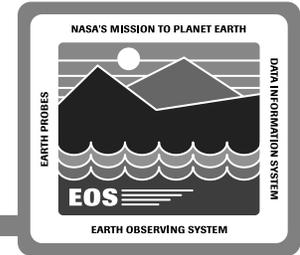
M&O Concerns



Facilities

- **NSIDC, JPL & ASF space constraints**
 - DAACs are working this concern
- **Operations Transition from Release A to Release B**

ECS M&O Continuing Activities



- **M&O activities to ILN, i.e., training, certification, ILS, documentation at the system & site level**
- **M&O matrixed into SMO/development organization to provide an operations flavor to design**
- **M&O Ops telecons with DAACs and ESDIS providing Release B type concepts, processes and scenarios**
- **DAAC Site visits and coordination**
- **Staffing refinement**
- **Documentation development**