

## Naval Satellite Display System-Enhanced (NSDS-E) (AN/FMQ-17)

**PROGRAM/PROJECT:** Naval Satellite Display System-Enhanced (NSDS-E)/AN/FMQ-17

**LEAD AGENCY:** United States Navy (USN – Office of the Oceanographer of the Navy (CNO N096))

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### **SERVICE AREA (S)/INITIATIVE (S)**

- *National Aviation Weather Initiatives:*  
N/A

### **FUNDING**

- *Programmed/Planned (\$'s/FY):* Funded through FY05

### **TYPE OF PROGRAM/APPLICATION**

Product Improvement

### **SCOPE OF PROGRAM/PROJECT**

- *What's being developed, procured, etc:* upgrades to an operational system that include new algorithms for satellite data. Specific products include dust storm tracking and forecasting, fire detection, cloud phase, atmospheric sounding, and a tropical storm analysis tool.
- *How operations will be changed/improved:* improve environmental support to Navy operations.

### **PROGRAM/PROJECT MANAGEMENT**

- *Basic guidance document for this program:* Abbreviated System Decision Paper (ASDP).
- *Program/Project verification process:* Annual program reviews.
- *Method used for end product validation:* Standardized Systems Operations and Verification Testing (SOVT) for the AN/FMQ-17.
- *Operational training for the user:* Users are provided training at the Navy Technical Training Unit, Keesler AFB and by the contractor. On-the-job training is also conducted at shore facilities.

### **SCHEDULE/IMPLEMENTATION**

- *Next major program milestone:* Installation of next major software release is scheduled for fourth quarter of CY 2003.
- *Program becomes operational:* NSDS-E is an operational system.
- *Plans for further improvements:* X-band enhancement at selected sites.