Digital Ionospheric Sounding System (DISS)

PROGRAM/PROJECT:
LEAD AGENCY*:* Headquarters United States Air Force, Directorate of Weather (HQ USAF/XOW)
LEAD AGENCY POC*:* HQ USAF/XOWR, 703-696-4930, DSN 426-4930, scats.xowr@pentagon.af.mil
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SERVICE AREA(S)/INITIATIVE(S)

- ***National Aviation Weather Initiatives:***
  N/A

FUNDING

- ***Programmed/Planned ($'s/FY):*** /FY03 /FY04

TYPE OF PROGRAM/APPLICATION

Product Development

SCOPE OF PROGRAM/PROJECT

- ***What's being developed, procured, etc.:*** upgrades to the existing Digital Ionospheric Sounding System that collects real-time Ionospheric data used to prepare specifications and forecasts for communications, navigation, and surveillance systems.
- ***How operations will be changed/improved:*** *improved system availability and consequently improved specification of ionospheric parameters affecting DOD communication, navigation, and surveillance systems.*

PROGRAM/PROJECT MANAGEMENT

- ***Basic guidance document for this program:*** Environmental Sensing Mission Need Statement (MNS) and Program Management Directive (PMD) 6250 (3), 16 Jun 88.
- ***Program's verification process:*** N/A.
- ***Method used for product validation:*** N/A.
- ***Operational training for the user:*** N/A.

SCHEDULE/IMPLEMENTATION

- ***Next major program milestone:*** Initiation of modification in FY04.
- ***Program becomes operational:*** DISS is currently operational.
- ***Plans for further improvements***: Projected upgrade in FY04-06 to improve/replace aging equipment components.