Ionospheric Measuring System (IMS)

PROGRAM/PROJECT:
LEAD AGENCY: Headquarters United States Air Force, Directorate of Weather (HQ USAF/XOW)
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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.:*** *L-Band and UHF satellite receivers to measure ionospheric total electron content (TEC) and scintillation.*
- ***How operations will be changed/improved:*** *improved identification of areas of degraded GPS signal reception and degraded satellite communication signal receipt.*

PROGRAM/PROJECT MANAGEMENT

- ***Basic guidance document for this program:*** MAC Statement of Need (SON) 2-80, (updated 16 Feb 86); HQ AFSPC 035-92, Environmental Sensing Mission Need Statement (MNS), 8 Jan 93. Program Management Directive (PMD) 6250 (3), 16 Jun 88, Program Directive: Air Force Weather Weapons Systems (AFWWS), PMD 2326(5)/ PE0305111F, dated 19 Jan01.
- ***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:*** N/A
- ***Program becomes operational:*** N/A
- ***Plans for further improvements:*** N/A