

National Lightning Detection Network (NLDN)

PROGRAM/PROJECT: [<http://www.lightningstorm.com/tux/jsp/discover/nldn/index.jsp>]

LEAD AGENCY/COLLABORATING AGENCIES: National Oceanic and Atmospheric Administration (NOAA)/National Weather Service (NWS), Federal Aviation Administration (FAA), Department of Defense (DoD)

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SERVICE AREA (S)/INITIATIVE (S)

- *National Aviation Weather Initiatives:*
2: 5, 9

FUNDING

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

TYPE OF PROGRAM/APPLICATION

- Acquisition/Product Development

SCOPE OF PROGRAM/PROJECT

- *What's being developed, procured, etc:* a new contract for lightning data from the National Lightning Detection Network (NLDN). .
- *How operations will be changed/improved:* ensures lightning information in support of safe and efficient operations within the National Airspace System by alerting forecasters, pilots, controllers, and dispatchers to areas of lightning and convective activity.

PROGRAM/PROJECT MANAGEMENT

- *Basic guidance document for this program:* The Joint Action Group for Lightning Detection Systems is drafting the Statement of Work.
- *Program/Project verification process:* The NLDN contract is bound by normal contracting controls.
- *Method used for end product validation:* NA
- *Operational training for the user:* User publications, hands-on use, and Web-Based information.

SCHEDULE/IMPLEMENTATION

- *Next major program milestone:* Release the RFP in first quarter of CY 04.
- *Program becomes operational:* October 1, 2004
- *Plans for further improvements:* Include total lightning and long-range lightning.