

Naval Flight Weather Briefer (NFWB)

PROGRAM/PROJECT: Naval Flight Weather Briefer (NFWB)

LEAD AGENCY: United States Navy (USN - Commander, Naval Meteorology and Oceanography Command (CNMOC))

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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 Development

SCOPE OF PROGRAM/PROJECT

- ***What's being developed, procured, etc:*** web-based aviation flight weather briefing applications accessible through the Internet or NIPRNet connections. NFWB includes a function in which the forecaster can designate web links to aviation products that can be viewed simultaneously by pilot and forecaster, resulting in a common set of products viewed remotely during telephonic briefings.
- ***How operations will be changed/improved:*** NFWB provides a totally electronic and remote means of providing aviation flight weather briefings to pilots worldwide through just three CONUS regional web and data servers.

PROGRAM/PROJECT MANAGEMENT

- ***Basic guidance document for this program:*** Sponsor (COMNAVMETOCCOM) approved Project Management Plan. Technical guidance provided through NAVMETOCCOM Instruction 3140.14D, *Procedures Governing Flight Weather Briefings* and OPNAV Instruction 3710.7S, *NATOPS General Flight and Operating Instructions*.
- ***Program/Project verification process:*** Requirements Trace matrix validation and verification by ISEA (NAVO) with concurrence from both the Sponsor (COMNAVMETOCCOM) and end users.
- ***Method used for end product validation:*** End product validation was accomplished via requirements tracking and validation, integration and system testing, configuration management processes, and system and software life cycle support.
- ***Operational training for the user:*** Operational training for all end users (to include System Administrator and Operator training) at international sites was conducted during initial system deployment. Additional training is conducted upon each system hardware/software upgrade. Training materials, User's Guides, System Administrator Guides and other documentation are provided on CD-ROM with each version release and can be downloaded from the METOC Systems Knowledge Center web site.

SCHEDULE/IMPLEMENTATION

- ***Next major program milestone:*** The next release (NFWB v4.3) is expected to be deployed by January 2004.
- ***Program becomes operational:*** NFWB is currently operational. Anticipate CNAF concurrence, expanding the NFWB mandate to Navy pilots by May 2004.
- ***Plans for further improvements:*** Continue 6 month upgrade cycle through FY04. The Services are considering the possible development of Joint Flight Weather Briefing (JFWB) applications.