

ORDER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

WP 7100.8

Western-Pacific Region

10/16/98

SUBJ: WESTERN-PACIFIC AIR TRAFFIC SATELLITE OPERATIONAL IMPLEMENTATION TEAM (WPATSOIT)

1. **PURPOSE.** This Order creates a Western-Pacific Air Traffic Satellite Operational Implementation Team (WPATSOIT) in accordance with the *Air Traffic Satellite Navigation Implementation Plan* and the *FAA Satellite Navigation Program Master Plan*. The WPATSOIT serves as the Satellite Navigation (SATNAV) implementation group in the Western-Pacific Region.
2. **DISTRIBUTION.** This Order is distributed to the branch level in Air Traffic Division and to all Air Traffic field offices and facilities. Information copy distributed to the division level in the Airway Facilities, Airports, and Flight Standards Divisions; Los Angeles Flight Procedures Office; the Aviation System Standards Program Office; the FAA Academy; the William J. Hughes Technical Center; Air Traffic Service - Communications, Navigation, Surveillance, and Infrastructure Directorate; the Office of Communications, Navigation, and Surveillance Systems.
3. **BACKGROUND.** The Federal Aviation Administration (FAA), in conjunction with the International Civil Aviation Organization (ICAO) and other members of the civil aviation community, recognizes that the primary stand-alone navigational system of the future will be provided by a satellite-based system. The FAA currently plans to phase out ground-based systems beginning in 2005, with completion in 2010. To take full advantage of Global Positioning System (GPS) satellite technology in the enhancement of air traffic services, civil aviation will require the full support of the Air Traffic Control community. Therefore, it is essential that Air Traffic establishes and maintains a leadership role for integrating satellite-based technologies into the National Airspace System (NAS). Furthermore, it is important that implementation decisions concerning the Air Traffic portion of the NAS are made by, and in the best interests of, Air Traffic and aviation customers. Establishing a regional, and facility Air Traffic focal point, combining the resources and capabilities of all Air Traffic organizations, and ensuring each organization is represented and participates in the implementation process will create the proactive stance necessary for the successful integration of new technologies.
4. **REGIONAL ATSOIT ORGANIZATION, ADMINISTRATION AND RESPONSIBILITIES.**
 - a. **Organization.**
 - (1) The Air Traffic Airspace Branch, AWP-520, and the Air Traffic Operations Branch, AWP-530 are co-sponsors of the WPATSOIT. The Air Traffic Division Manager shall, after coordination, appoint the WPATSOIT chairperson, or at his/her prerogative, appoint co-chairpersons. In addition to the chairpersons, the membership shall be composed of the following Air Traffic representatives (See Appendix 1):
 - (a) Air Traffic Airspace Branch (AWP-520).

Distribution: A-X(AT)-3; A-FAT-0 Info cpy: A-X(AF/AS/FS)-2;
LAX-FPO; ATA-200, ATO-100, ATO-402, ARN-100,
AND-730, AFS-400, AVN-120, AMA-120, ACT-207

Initiated By: AWP-520/530

- (b) Air Traffic Operations Branch (AWP-530).
- (c) Regional 520/530 Staff Specialist.
- (d) Air Traffic Field Manager.
- (e) Automated Flight Service Station (AFSS) Supervisor/Staff Officer (Operational)
- (f) Terminal Supervisor/Staff Officer (Operational).
- (g) En Route Supervisor/Staff Officer (Operational).
- (h) National Air Traffic Controllers Association (NATCA) Representative
- (i) National Association of Air Traffic Specialists (NAATS) Representative.
- (j) GPS Project Coordinator – contractor --advisory role.

(2) Membership may include one or more contractors that provide GPS/WAAS/LAAS/SATNAV expertise and support to the chairpersons and /or WPATSOIT. The requirement for contractor support shall be determined and approved by the chairperson.

b. Administration.

(1) Meetings.

- (a) The WPATSOIT should meet at least quarterly.
- (b) Any member may request a WPATSOIT meeting through the chairperson(s).
- (c) Meeting attendees will be confined to members and contractor support, subject matter experts, invited speakers, and guests.
- (d) Invitations for nonmembers to meetings shall be approved by the chairperson(s).

(2) The chairperson(s) shall:

- (a) Prepare an agenda and provide adequate notification of meetings.
- (b) Ensure that a meeting summary is completed and disseminated to all

WPATSOIT members, SATNAV Lead, ATO-402, and other attendees. The summary shall include any action items and the current status of each open item.

(3) The Air Traffic SATNAV Office, ATO-402, may provide support to the WPATSOIT chairpersons, if required.

c. Responsibilities. The WPATSOIT shall:

(1) Provide management oversight, guidance, and assistance for all SATNAV activities, and serve as the single source of “point” of contact within its area of responsibility.

(2) Develop a process for the initiation, review, concurrence, and control of all SATNAV project plans, initiatives, and suggestions at the regional and facility level to meet national plans, goals, and objectives.

- (3) Develop an operational and project plan for each GPS initiative identified by this process.
- (4) GPS Project Plans and associated cost estimates shall be prepared and submitted to the AT SATNAV Implementation Office, ATO-402, by June 15 for the subsequent Fiscal Year review and approval.
- (5) Coordinate with regional organizations regarding procedural infrastructure requirements resulting from SATNAV implementation.
- (6) Support the Headquarters ATSOIT or other committees and working groups in matters associated with SATNAV implementation, as needed.
- (7) Promote the advantages and capabilities of SATNAV to users and system providers, and solicit suggestions/recommendations from all coalitions regarding SATNAV implementation.

5. RECOMMENDATIONS. All recommendations prepared by the WPATSOIT shall be forwarded and reviewed by the Headquarters ATSOIT for possible national implementation.

6. RELATIONSHIPS. In order to address and resolve SATNAV issues in a timely manner, the WPATSOIT chairpersons shall maintain a close working relationship with other regional and headquarters ATSOIT.


John G. Clancy
Manager, Air Traffic Division

APPENDIX 1**WESTERN-PACIFIC AIR TRAFFIC
SATELLITE OPERATIONAL IMPLEMENTATION TEAM (WPATSOIT)
REPRESENTATIVES**

Office	Name	Location/Routing
Air Traffic Airspace Branch	Leonard Mobley	AWP-520
Air Traffic Operations Branch	Bud Riebel	AWP-530
Regional 520 GPS Specialist	Jeri Carson	AWP-520
Regional 530 GPS Specialist	Kathryn Higgins	AWP-530
Air Traffic Field Manager	Mike Fitzgerald	Sacramento TRACON
Automated FSS Supervisor/Staff	Krista Taylor	San Diego AFSS
Terminal Supervisor/Staff	Walter White	San Diego TRACON
En Route Supervisor/Staff	Carol Dryden	Oakland ARTCC
NATCA Representative	John Kennedy	Phoenix Tower
NAATS Representative	Steven Rietz	Hawthorne AFSS
GPS Project Coordinator	Bob Brekke	AMTI