



Federal Aviation
Administration

AIR TRAFFIC ORGANIZATION
POWER SYSTEMS, FACILITIES, AND INFRASTRUCTURE
CONFIGURATION CONTROL BOARD
CHARTER
In SUPPORT of
LIFE-CYCLE MANAGEMENT
of the
NATIONAL AIRSPACE SYSTEM

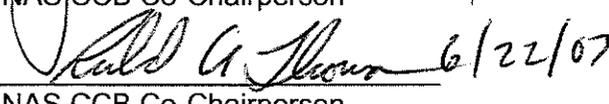
January 31, 2007

Submitted by:

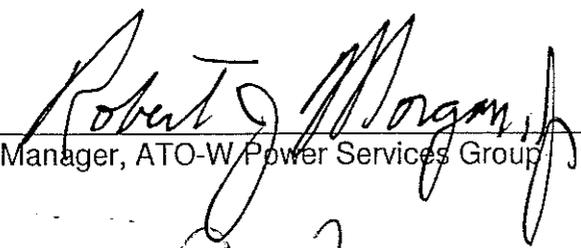
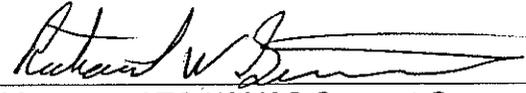
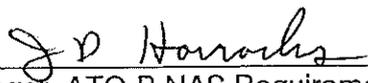
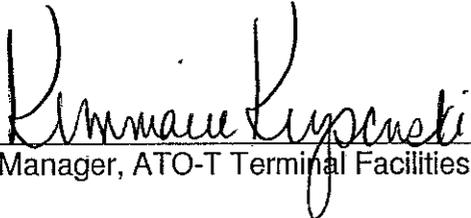

CCB Co-Chairperson


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Approved by  6/22/07
NAS CCB Co-Chairperson

Approved by  6/22/07
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CCB Signature Page

<u>Signature</u>	<u>Date</u>
 _____ Manager, ATO-W Power Services Group	<u>2/8/07</u>
 _____ Manager, ATO-W EEO/SH Services Group	<u>3/1/07</u>
 _____ Manager, ATO-W NAS Support Group	<u>2/8/07</u>
 _____ Manager, ATO-P NAS Requirements & Interface Management Group	<u>2/22/07</u>
 _____ Manager, ATO-T Terminal Facilities Group	<u>04/18/2007</u>
 _____ Manager, ATO-E En Route Facilities, Planning & Modernization Group	<u>2/28/07</u>

Revision History

<u>Date</u>	<u>Revision</u>	<u>Change Description</u>
01/31/07	-	Initial baseline

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**Air Traffic Organization (ATO)
Power Systems, Facilities, and Infrastructure
Configuration Control Board
Charter
in Support of
Life-Cycle Management
of the
National Airspace System (NAS)**

1.0 INTRODUCTION

1.1 *Purpose*

This charter establishes the Air Traffic Organization's, Power Systems, Facilities, and Infrastructure (PSF&I) Configuration Control Board (CCB) and assigns responsibility for establishing baselines and controlling changes to these baselines for the Configuration Items (CIs) within the PSF&I CCB identified in Appendix A of this document. The PSF&I CCB will operate in an integrated and disciplined manner to provide a structured and streamlined control process for managing the assigned products and services throughout their intended life cycle. Life cycle configuration management through the CCB ensures that all changes are visible, that any potential safety, security, and operational impacts to the NAS are properly addressed, and provides consistency with technical and programmatic direction across all products and services. This CCB charter empowers the PSF&I CCB to disposition all changes to these CIs in accordance with FAA Order 1800.66, Configuration Management Policy, and all applicable notices that supplement the processes contained in Order 1800.66. Organizations that control CIs external to PSF&I CCB, yet which impact PSF&I CCB CIs, will coordinate their Configuration Management (CM) activities with the Power Systems and Facilities CM organization. The PSF&I CCB Operating Procedures define the processes and procedures used to execute the responsibilities assigned in this Charter.

1.2 *Authority*

The PSF&I CCB is authorized by the National Airspace System (NAS) CCB in accordance with FAA Order 1800.66. This authority does not extend to the creation of lower level CCBs. The charter shall be changed only upon recommendation by the PSF&I CCB and with the approval of the NAS CCB.

2.0 PSF&I CCB RESPONSIBILITIES

The responsibilities of the PSF&I CCB are:

- a) Performing CCB functions as established in this charter in accordance with FAA Order 1800.66 and all applicable notices that supplement the processes contained in Order 1800.66;
- b) Submitting proposed changes to this Charter to the NAS CCB, and subsequently implementing the approved changes;
- c) Maintaining and approving proposed changes to the PSF&I CM Plan and CCB Operating Procedures;
- d) Identifying PSF&I CCB configuration item baseline documentation, as well as documents that comprise each of the domain's subordinate baselines;
- e) Developing plans and policies for the configuration management and evolution of the products system architecture throughout the life cycle of the system, and ensuring alignment with the NAS Enterprise Architecture;
- f) Ensuring that the specifications under the jurisdiction of the PSF&I CCB are developed in accordance with FAA-STD-005 and approved in accordance with FAA Order 1800.66 and all applicable notices and supplements;
- g) Ensuring that the change proposals beyond the approval authority of the PSF&I CCB are elevated to the NAS CCB for review and approval;
- h) Ensuring adherence to configuration control procedures in processing changes to the PSF&I CCB configuration item data and baselines;
- i) Ensuring proposed changes are reviewed in accordance with approved processes and procedures, including those implementing Safety Management System (SMS) change processing requirements;
- j) Coordinating interfaces between responsible organizations prior to presentation to the CCB;
- k) Reviewing, adjudicating, transferring or elevating changes presented to the CCB;
- l) Documenting and tracking CCB actions and decisions in accordance with the processes and procedures as defined in the CCB Operating Procedures and the CM Plan;
- m) Ensuring that all test NAS Change Proposals (NCPs) include a test plan in accordance with NAS CCB direction;
- n) Monitoring test results of approved changes against expected results, prior to approving integration of the change into the appropriate baseline. Discrepancies will be resolved and documented prior to baseline modification;
- o) Ensuring that the listing of PSF&I CCB CIs in Appendix A remains current. NAS baselined CIs are contained in NAS-MD-001. This includes generation of case files to decommission NAS systems or subsystems which have been removed entirely from the NAS inventory;

- p) Reporting CM performance metrics for the PSF&I CCB to the NAS CCB at the request of the NAS CCB.

3.0 PSF&I CCB PARTICIPANTS

The PSF&I CCB participants are identified in Appendix B.

4.0 CCB ADMINISTRATION

The CCB Executive Secretariat shall be responsible for ensuring that changes are presented at CCB meetings. The Executive Secretariat responsibilities consist of coordinating and performing the administrative tasks related to the performance of the CCB, including, but not limited to:

- a. Preparing agenda and formal meeting minutes;
- b. Supporting the change process and procedures (including prescreening, must evaluation and resolution of comments);
- c. Collecting metrics and reporting to the NAS CCB;
- d. Tracking and monitoring CCB action items and Configuration Control Decisions (CCDs) to closure;
- e. Ensuring that all proposed NAS changes include a safety assessment and that Safety Risk Management (SRM) documentation is provided to the appropriate decision makers as required;
- f. Ensuring that all proposed NAS changes contain security assessment and estimated cost and funding source information;
- g. Submitting any unresolved comments to the Chairperson for resolution;
- h. Supporting CM performance monitoring functions under the authority of this CCB Charter and as described in the CCB Operating Procedures;
- i. Ensuring all CM information is validated and entered into the FAA nationally approved CM database;
- j. Elevating issues that cannot be resolved at the PSF&I CCB to the NAS CCB for resolution.

5.0 CCB RECOMMENDATIONS AND DECISIONS

The PSF&I CCB shall review, adjudicate, elevate, or withdraw proposed NCPs affecting its CIs or transfer proposed NCPs to other CCBs for adjudication as required. The CCB shall reach a decision after a period of presentation, discussion, at which time the Chairperson(s) may poll the members for their position or recommendation. The CCB Chairperson(s) shall make all final decisions. NCPs may be deferred until the next CCB if further analysis or additional information is needed.

Decisions on NCPs shall be documented in a Configuration Control Decision (CCD) prepared by the CCB Executive Secretariat and signed by the CCB Chairperson(s). The CCD will include detailed implementation action items and the responsible organization(s). CCD actions will be documented, tracked and monitored through closure.

6.0 CHANGES TO THE CCB CHARTER

This Charter shall be changed only with the approval of the NAS CCB upon the recommendation of the PSF&I CCB. CCB Charter change process guidance provides details for establishing initial Charter baseline and maintaining configuration control.

7.0 DELEGATION OF CCB AUTHORITY

The CCB Chairperson(s) may authorize another participant to act as a chairperson via memorandum to the CCB Executive Secretariat. CCB permanent members are responsible for ensuring they are represented at CCB meetings and may delegate specific authority by informing the CCB Chairperson(s). Additionally, when time critical or urgent processing of a proposed change request is necessary, or in the event of other specific circumstances, the CCB Chairperson(s) may call an emergency CCB meeting or approve changes without benefit of a CCB meeting or member review. Change requests processed outside the normal CCB process shall be documented and communicated to permanent members as soon as practicable, or no later than the next regularly scheduled meeting. Questions and concerns regarding CCB decisions are addressed to the CCB Chairperson(s).

APPENDIX A: CONFIGURATION ITEMS

The CIs listed below are under the control of the PSF&I CCB. Currently, these CIs reflect the primary facilities, systems and products, which provide the required services within the domain. As these CIs, or components thereof are baselined and/or placed under configuration control, they will be entered into the Master Configuration Index and contained in the NAS Subsystem Baseline Configuration and Documentation Listing, NAS-MD-001.

PSF&I CCB CIs:

Power Systems CIs

ACEPS	ARTCC Critical/Essential Power System
CABLE	Airport Power Cable Loop
CRPDS	Critical Redundant Power Distribution System
CPDS	Critical Power Distribution Systems
DCBUS	Direct Current Bus
DRPDS	Dual Redundant Power Distribution System
EGS	Engine Generator Sets
LPGBS	Lightning Protection, Grounding, Bonding, and Shielding
PCS	Power Conditioning System
PDS	Electrical Power Distribution Systems
PMCS	Power Monitoring and Control Systems
POWER	Automatic Transfer Switches
POWER	Branch Circuit Panelboards (see Note 1)
POWER	Commercial Power
POWER	Essential Power Distribution Systems
POWER	Electrical Power Distribution System for all other GNAS Facilities
POWER	Main Distribution Powerboards
SWG	Switchgear
SX	Standby Engine Generators
UPS	Uninterruptible Power Supply System

Facilities CIs

ATCT/ TRACON	Airport Traffic Control Tower/ Terminal Radar Approach Control Facility
HCF	Honolulu Control Facility
UNMANNED FACILITIES	Unmanned Airway Facilities, Buildings and Plant Equipment

Infrastructure CIs

AMCC	Air Route Traffic Control Center Maintenance Control Center
ATCCWS	Air Traffic Control Command Center Work Station
CARMS	Compact Airport Remote Monitoring Subsystem

APPENDIX B: CCB MEMBERSHIP

The participants of the PSF&I CCB shall be as follows:

PSF&I CCB Co-Chairpersons

- Director of Technical Operations Air Traffic Control Facilities or designated representative
- Director of Safety and Operations Support or designated representative

PSF&I CCB Executive Secretariat

- Team Lead, ATO-W ATC Facilities Configuration Management or designated representative

PSF&I CCB Permanent Members:

- ATO-W, Power Services Group
- ATO-W, Energy, Environmental & Occupational Safety & Health (EEOSH) Services Group
- ATO-W, NAS Support Group
- ATO-P, NAS Requirements & Interface Management Group
- ATO-T, Terminal Facilities Group
- ATO-E, En Route Facilities, Planning & Modernization Group

Ad Hoc Technical Advisors, Consultants, and Program Control Specialists will be invited as required.

APPENDIX C: ACRONYM LIST

ATO	Air Traffic Organization
CCB	Configuration Control Board
CCD	Configuration Control Decision
CI	Configuration Item
CM	Configuration Management
NAS	National Airspace System
NCP	NAS Change Proposal
PSF&I	Power Systems, Facilities, and Infrastructure
SMS	Safety Management System
SRM.....	Safety Risk Management