

Control Number: AUA400-CM-001

Revision Number: B

Date: May 1, 2002

**CHARTER for the
CONFIGURATION CONTROL BOARD
for the
Weather & Flight Service Systems (Wx/FSS)
Integrated Product Team (IPT)
In Support of Life Cycle Management
for the National Airspace System (NAS)**



May 1, 2002

**Federal Aviation Administration
Wx/FSS AUA-400
Washington, DC**

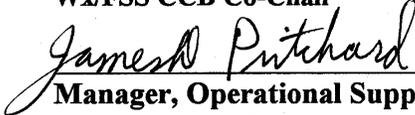
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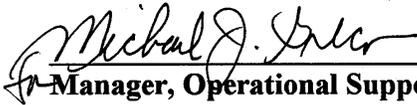
Integrated Product Team Lead, AUA-400
Wx/FSS CCB Co-Chair

May 1, 2002
Date



Manager, Operational Support, AOS-200
Wx/FSS CCB Co-Chair

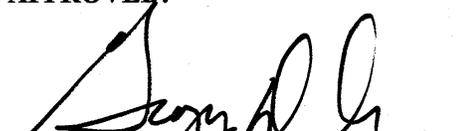
May 1, 2002
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Manager, Operational Support, AOS-500
Wx/FSS CCB Co-Chair

May 1, 2002
Date

APPROVED:


Director, Airway Facilities, AAF-1
NAS CCB Co-Chair

5/22/02
Date


Director, Office of System Architecture
& Investment Analysis, ASD-1
NAS CCB Co-Chair

5/22/02
Date

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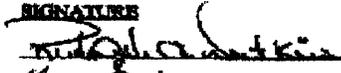
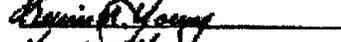
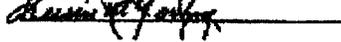
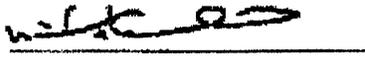
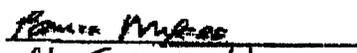
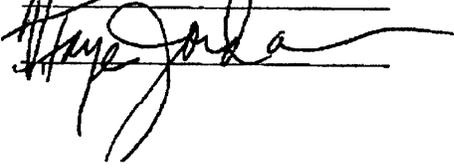
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AMI-7030	
ACM-20	

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1.0 INTRODUCTION

1.1 Purpose

This charter establishes the Weather/Flight Service Systems (Wx/FSS) Integrated Product Team (IPT) Configuration Control Board (CCB) and assigns responsibility for establishing baselines and controlling changes to these baselines for the Configuration Items (CIs) listed in Appendix A. These baselines include software, hardware, firmware, specialized and automatic test equipment, training devices, training curriculum, technical documentation, waivers, and operational site configuration.

The Product Team Leads (PTLs) of the Wx/FSS IPT, who are under the purview of the Wx/FSS CCB, will establish and document a Configuration Management (CM) program for their respective CIs.

1.2 Authority

FAA Order 1800.66 provides policy for the establishment of the Wx/FSS CCB. The CCB is established through a charter defining its authority, responsibilities, and membership.

The National Airspace System (NAS) CCB approves all changes made to the Wx/FSS CCB charter. This authority does not extend to the creation of lower level CCBs.

2.0 Wx/FSS CCB RESPONSIBILITIES

The Wx/FSS CCB's responsibilities are:

a. Ensure

- CCB functions established in this charter are in accordance with FAA Order 1800.66
- appendix A is updated to reflect the current status of Wx/FSS configuration items
- traceability of approved program baselined documentation
- that all proposed changes are tracked and documented
- proposed changes are prescreened and interface changes are coordinated between the responsible organizations prior to approval by the Wx/FSS CCB

b. Submit

- proposed changes to this Charter to the NAS CCB, and subsequently implement the changes that have been approved
- appropriate documentation to ACM-20 to ensure NAS-MD-001 reflects the current status of configuration items listed in Appendix A of this document. NAS-MD-001 is maintained and updated by ACM-20

- c. **Maintain** and approve proposed changes to the Wx/FSS CCB SOP.
- d. **Establish** and maintain baseline documentation and recommend approval by the appropriate CCB.
- e. **Coordinate** plans and policies for the configuration management and evolution of Wx/FSS interfaces throughout their life cycles, including planning for transition of CIs not covered under Wx/FSS CCB to the appropriate CCB.
- f. **Review, approve, disapprove, or defer** changes presented to the Wx/FSS CCB. The Wx/FSS CCB will give full consideration to improving operational effectiveness (including safety), providing for adequate logistics support and bringing about significant life cycle cost savings. Elevate to the NAS CCB when applicable.

3.0 Wx/FSS CCB PARTICIPANTS

The participants of the Wx/FSS CCB are as follows, or their designated representatives:

- **Co-Chairs:**
 - AUA-400 Integrated Product Team Leader (IPTL) for Wx/FSS
 - AOS-200 Manager, Operational Support
 - AOS-500 Manager, Operational Support
- **CCB Secretariat:** AUA-420
- **Permanent Members:**
 - The Product Team Leads and operational support organization for each product are identified in Appendix A.

- Product Team Leads (PTL) (AUA)
 - Aviation Weather Directorate (ARW)
 - Air Traffic System Development (ARU)
 - Air Traffic Planning and Procedures (ATP)
 - NAS Operational Support (AOS)
 - NAS Operations (AOP)
 - Office of Acquisitions (ASU)
 - NAS Systems Architecture and Investment Analysis (ASD)
 - Communication/Navigation/Surveillance Engineering and Test Division (ACT)
 - FAA Logistics Center (AML)
 - NAS Transition and Integration (ANS)
- **Ad Hoc Members:** Ad Hoc members represent FAA organizations, other than those already represented by the permanent CCB membership, which are "stakeholders," or will be impacted by changes being decided by the Wx/FSS CCB. Their function will be to ensure proposed changes are consistent with technical and policy positions of their organizations.
 - **Technical Advisors, Consultants, and Program Control Specialists:** Personnel from various government and contractor organizations may attend the CCB to provide specialized technical or program management information.

4.0 Wx/FSS CCB ADMINISTRATION

The Wx/FSS CCB Secretariat shall be responsible for scheduling CCB meetings and coordinating and performing the administrative tasks which support the Wx/FSS CCB. These tasks include, but are not limited to, preparing the CCB agenda and minutes, supporting the change screening activities, and elevating proposed changes to the NAS CCB. Additionally, the Secretariat will perform monitoring of functions under the authority of the Wx/FSS CCB, as described in the Wx/FSS CCB SOP.

5.0 Wx/FSS CCB RECOMMENDATIONS AND DECISIONS

The Wx/FSS CCB shall review, approve, disapprove, defer, or elevate proposed NAS Change Proposals (NCPs). The Wx/FSS CCB Co-Chairs will make the final decision based on complete consensus of all permanent members of the CCB. Given lack of consensus, the Wx/FSS CCB will elevate the decision to the NAS CCB.

Decisions on NCPs will be documented in a Configuration Control Decision (CCD), prepared by the Wx/FSS CCB Secretariat, and signed by the CCB Co-Chairs. NCPs may be approved, disapproved, or deferred until the next CCB. Action items will be documented and tracked.

Wx/FSS CCB decisions may be appealed by an organization impacted by the proposed change as outlined in the Wx/FSS CCB SOP.

6.0 CHANGES TO THE Wx/FSS CCB CHARTER

This Charter will be changed only with approval of the NAS CCB, upon the recommendation of the Wx/FSS CCB.

7.0 DELEGATION OF Wx/FSS CCB AUTHORITY

The Wx/FSS CCB Co-Chairs can authorize CCB permanent members to act as Co-Chair via a memorandum sent to the CCB Secretariat. The Wx/FSS CCB permanent members can also delegate specific authority via memorandum sent to the CCB Secretariat. When time-critical or urgent processing of proposed change requests are necessary, the Wx/FSS CCB Secretariat will call an emergency CCB meeting. If the Co-Chairs are unable to convene an emergency meeting, then the Co-Chairs may approve or disapprove change without benefit of a Wx/FSS CCB meeting. All change requests processed outside the normal CCB process shall be documented and communicated to permanent members as soon as practicable, or at the next regularly scheduled meeting. Questions and concerns regarding CCB decisions are addressed to the CCB Secretariat and will be presented to the Wx/FSS CCB Co-Chairs.

Appendix A - Weather/Flight Service Systems Configuration Items

The CIs listed below are under the control of the Wx/FSS CCB. Currently, these CIs reflect the primary products, which will comprise the modernized Wx/Flight Service Systems. As these CIs, which include hardware, software, and documentation, or components thereof, are 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.

CI	Operational Support	Product Team
ASOS Controller Equipment (ACE)	AOS-255	AUA-430
ACE Information Display System (ACE-IDS)	AOS-255	AUA-430
Automated Surface Observing System (ASOS)	AOS-230	AUA-430
Automated Weather Observing System (AWOS)	AOS-255	AUA-430
Automated Weather Sensors System (AWSS)	AOS-255	AUA-430
Aviation Weather Processor (AWP)	AOS-540	AUA-420
AWOS Data Acquisition System (ADAS)	AOS-540	AUA-430
Center Field Wind (CFW)	AOS-255	AUA-430
Central Flow Weather and Radar Processor (CFWARP)	AOS-540	AUA-460
Closed Circuit Television System (CCTV)	AOS-510	AUA-420
Cloud Height Indicator (CHI)	AOS-255	AUA-430
Digital Altimeter Setting Indicator (DASI)	AOS-255	AUA-430
Direct User Access Terminal Service (DUATS)	Contractor	AUA-420
Flight Service Automated Station Model 1 Full Capacity (M1FC)	AOS-540	AUA-420
Flight Service Automation Station (FSAS)	AOS-540	AUA-420
Flight Service Data Processing System (FSDPS)	AOS-540	AUA-420
Flight Service Graphic Weather Display System (GWDS)	Contractor	AUA-420
Integrated Terminal Weather System (ITWS)	AOS-252	AUA-460
Juneau Airport Wind System (JAWS)	AOS-255	AUA-430
Operational and Supportability Implementation System (OASIS)	AOS-540	AUA-420
Radar Remote Weather Display System (RRWDS)	AOS-230	AUA-460
Remote Reading Hygrothermometer (RRH)	AOS-255	AUA-460
Stand Alone Weather Systems (SAWS)	AOS-255	AUA-430
Transcribed Weather Broadcast (TWEB)	AOS-510	AUA-420
Weather and Radar Processor (WARP)	AOS-540	AUA-460
Weather Message Switching Center Replacement (WMSCR)	AOS-540	AUA-460
Wind Measuring Equipment (WME)	AOS-255	AUA-430

Appendix B - Acronym List

CCB	Configuration Control Board
CCD	Configuration Control Decision
CI	Configuration Item
CM	Configuration Management
CMO	Configuration Management Officer
FAA	Federal Aviation Administration
ICD	Interface Control Document
IPT	Integrated Product Team
IPTL	Integrated Product Team Lead
IRD	Interface Requirements Document
NAS	National Airspace System
NCP	NAS Change Proposal
PTL	Product Team Lead
PT	Product Team
SOP	Standard Operating Procedures
Wx/FSS	Weather and Flight Service System