

Working Group Proposal Industry Requirements for Digital NOTAM Submission

By: Dr. Brett K. Brunk
Aeronautical Information Management
Date: August 2007



Federal Aviation
Administration



Where we've been today

- **Digital NOTAM**
 - International perspective - EUROCONTROL
 - Operational concept and why we focus on submission
 - Demonstrations
- **Issues affecting submission**
 - Digital NOTAM data model
 - Aeronautical Information Exchange Model
 - Interface specifications
 - System Wide Information Management
 - Web Service considerations
 - Security, Authorization and Authentication
- **Identified questions that don't have answers yet**



Digital NOTAM Submission Working Group

Mission

The mission of DNSWG is to work with our stakeholders to develop specifications, as well as workflow, security and other operational requirements for submitting digital data about temporary changes to aeronautical resources to the Digital NOTAM system.



Digital NOTAM Submission Working Group

Scope

- **Interface specifications**
 - Data model, AIXM
- **Business process and workflow specifications**
 - Pre-submission check, Submit, Error Checking, Feedback
- **Security and Authentication specifications**
 - Data integrity, authorization, certification
- **Risk and safety management**



Digital NOTAM Submission Working Group Process

- **Open forum**
 - Proceedings and recommendations published at
 - Nfdc.faa.gov/digitalnotam
 - www.aixm.aero
- **Industry participation**
 - Active working group
 - Monthly coordination
 - Both virtual and live meetings
 - Results of group will be publicly available even if you don't actively participate.
- **Outcome focused**
 - Implement-able recommendations and specifications
 - Target date – March 2008



Next steps and events

- **September 25-26, 2007**
 - *AIXM 5 Release Candidate 2 Technical Training*
 - *Washington DC (see www.aixm.aero for announcement)*
- **Digital NOTAM submission Working Group meeting**
 - September 27, 2007
 - Federal Aviation Administration, Washington DC
 - 9 AM to 5 PM
 - *Registration Instructions in the CHARTER*
 - Agenda
 - Review and acceptance of charter
 - Exploring and identifying issues
 - Digital NOTAM data model
 - Web Services and Security
 - Operational Concept of Operations
 - Safety and Risk
 - Develop working group plan



Resources

- **Resources to help with development of system interface are available**
 - AIXM 5 UML model
 - AIXM 5 XML Schema
- } <http://www.aixm.aero>
- **Latest information on international Digital NOTAM trials**
 - www.aixm.aero
 - **Latest information on FAA NOTAM Realignment Strategy**
 - <http://Nfdc.faa.gov/aimnews/>



Comments and discussion on working group

- **Possible topics**
 - Mission
 - Scope
 - Objectives
 - Working arrangements



Thanks

- **Brett Brunk**
 - Brett.brunk@faa.gov

