AIXM 5.0 – Design Review

Washington DC

February 7-8, 2006

United States Federal Aviation Administration headquarters (http://www.faa.gov/contact/)

Day 1 – Start at 9:00 AM

Strategic Overview

- Welcome and introductions
- Aeronautical information standardization overview
    - Current and future trends in aeronautical information management
    - AIS data standardization – AICM and AIXM
    - AICM an AIXM history and concept overview
- Use Case examples for AICM and AIXM (5.0)
    - Digital AIP
    - Digital charting
    - GML (Geometry) standards
    - Transforming NOTAMs

** Coffee Break **

- Introduction to AIXM 5.0 concepts
    - Objectives and advantages
    - Design approach
    - Backward compatibility
    - Release planning
    - Technical review – executive summary

*** Management level Strategic Overview ends no later than 11:30 AM ***

** Lunch **

** Technical Review Session: Starts at 12:30 PM **
- AIXM 5 design concepts review
    - Temporality
    - Geometry
    - Extensibility
    - Use case: navaid and route
        - AICM 5 – UML
        - AIXM 5 – XML Schema
        - AIXM 5 – XML messages
    - AIXM 5 design concepts Q&A

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<u>Day 2 – Start at 9:00 AM</u>

- AIXM 5 – Aeronautical domain model review
  - o Most of AICM 5 is AICM 4.5
    - Aerodrome/Heliport
    - NAVAIDs
    - Routes
    - Airspace

** Coffee break **

- AIXM 5 – Aeronautical domain model review – *continued*
  - o Most of AICM 5 is AICM 4.5 - *continued*
    - Service
    - Flow restrictions
  - o Obstacle model - interactive session

** Lunch **

- AIXM 5 – Aeronautical domain model review – *continued*
  - o Terminal Procedures - interactive session

- Summary of outcomes and next steps
  - o Wrap-up and feedback
  - o Near future AICM and AIXM activities