



Welcome and Introductions

AIXM 5 Second Design Review
June 26, 2006
Madrid, Spain





Ken Reid

- Responsible for aeronautical information for EUROCONTROL
- Working closely with
 - Its 36 member States
 - FAA
 - Other states and organizations globally



Purpose

- The future of AIM* is delivering data and products electronically
- Aeronautical Information Exchange Model (AIXM) version 5
 - Interoperability
 - Platform independent
 - Supports international air navigation
 - Include latest international standards
- 2nd Public Design Review
 - Recall modeling concepts and approaches
 - Release parts of the draft schema
 - Strengthen the engagement of the global aeronautical community
 - Accelerate international adoption

*Aeronautical Information Management (AIM)

3

Interoperability is regarded as the key to efficient ATM. ATM is increasingly becoming system based and reliant on quality aeronautical information. Such information transcends international boundaries, it is a global resource. And as ATM becomes ever more complex so do information needs. Its provision is evolving from AIS through AIM to SWIM.

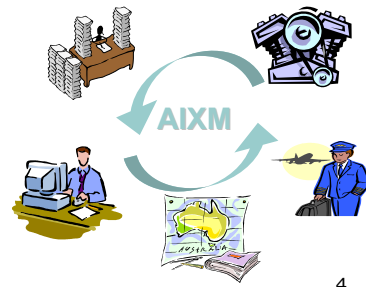
Aeronautical Information Management (AIM) is undergoing a transformation from traditional paper-based aeronautical services to a global integrated data-centric environment. Version 5 of the Aeronautical Information Exchange Model (AIXM) is designed to support international air navigation information exchange using the latest international and ICAO standards. The next version of AIXM will leverage internationally agreed standards (ISO19100) that will ensure interoperability and platform independence.

The development of the means to provide Information exchange started in the mid 90's to support the EAD. Potential quickly realised by the FAA and the result a n ongoing joint initiative that has resulted in the AIXM and specifically AIXM5.

A joint international drafting group, led by the FAA and EUROCONTROL, has been working to develop the AIXM 5 standard. The purpose of this public design review is to re-introduce the modeling concepts and approaches used to develop AIXM 5, to provide for review those parts of the AIXM schema and concepts that are mature and to engage the global community in the further development of AIXM version 5. By doing so we hope to accelerate international adoption of AIXM.

Design Review Outcome

- We need your help
 - Ensure AIXM covers the data you need to exchange
 - Ensure AIXM covers the standards important to you
 - Ensure AIXM will support your system to system information exchange needs



4

We need your help to make sure that AIXM will meet your current and future aeronautical information management needs. Of course AIXM will never be seen by pilots and AIS staff because it is used for computer to computer exchange; however, AIXM will be the glue that holds our future AIM systems and products together. So it is important to make sure AIXM covers your data needs, incorporates the best international standards and will support your system to system information exchange requirements. As part of this Design Review we want your comments and suggestions for AIXM version 5.



Introduction to the AIXM 5 Design Proposal Team

- Federal Aviation Administration
 - Brett Brunk
 - Barbara Cordell
- EUROCONTROL
 - Eduard Porosnicu
- National Geospatial Intelligence Agency
- Partners
 - EUROCONTROL AIXM 5 Focus Group Members
 - Spain, France, Switzerland, Ukraine, Netherlands, Norway, Darmstadt University – Germany
 - **All those people and organisations who have already commented during the first public design review (March – April 2006)**

A global commitment...

Your presence here today shows a global commitment to making AIXM a success.



6

Your presence here today shows a global commitment to making AIXM a success. The AIXM 5 design team (EUROCONTROL and the Member States, FAA, NGA) are dedicated to working with you, our partners in the global aviation community, to ensure that AIXM fulfills its mission.