



Welcome and Introductions

AIXM 5 Public Design Review
February 7-8, 2006
Washington DC



Good morning. My name is Mike Cirillo and I am the Vice President of System Operations Services at the Federal Aviation Administration. On behalf of the United States Federal Aviation Administration I want to welcome you to the AIXM 5 Public Design Review. The AIXM 5 Public Design Review is an important first step in realizing a digital aeronautical information environment.

Global Participation



Australia
United States
Austria
China
France
South Africa
Germany
Italy
Canada
Brazil
Sweden
Japan

EUROCONTROL
FAA
Strategic Aero
Space Imaging Solutions
Boeing
USAF
IBM
Honeywell
Dept. Trans – Australia
RAAF Australia
Solitec Software
ESRI
Civil Aviation of China
Flatiron Solutions
JIL Information Systems
CSSI
Safe Software
Sofréavia
BAE
Avaliant LLC
CGH Technologies
Titan Corporation

CNAC
Harris Corporation
DGAC/SIA
ATNS South Africa
Avitech
SAIC
IDS
Strategic Aeronautics
Grafton Technologies
NGA
Canadian Forces
ICA/DECEA
MITRE/CAASD
US Navy
ESC/MPSG
US Air Force
Northrup Grumman IT
NavCanada
Transport Canada
Innovative Solutions Int'l
Mercury Systems
Open Geospatial Consortium

Thank you for participating... Did we miss anyone?

We have over 80 people registered for this public design review representing 12 different countries. Thank you for participating. Did we miss anyone?

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
- Public Design Review
 - Introduce modeling concepts and approaches
 - Engage global aeronautical community and accelerate international adoption

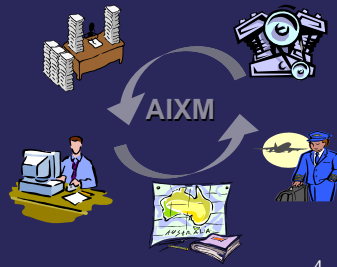
*Aeronautical Information Management (AIM)

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.

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 introduce the modeling concepts and approaches used to develop AIXM 5 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



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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.

A global commitment...

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



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Your presence here today shows a global commitment to making AIXM a success. The United States Federal Aviation Administration is dedicated to working with you, our partners in the global aviation community, to ensure that AIXM fulfills its mission.

Ken Reid

- Responsible for aeronautical information for EUROCONTROL
- Working closely with
 - Its 35 member States
 - FAA
 - Other states and organizations globally

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Thank you for your time. Now, I would like to welcome Ken Reid and ask Ken to say a few words. Ken Reid is the responsible for aeronautical information at EUROCONTROL. As many of you know, EUROCONTROL originally developed AIXM and it has been a privilege to work with EUROCONTROL and others to create AIXM version 5. Ken...

Ken Reid EUROCONTROL

- Interoperability key to efficient ATM (NGATS & SESAR)
- Growing reliance on aeronautical information
- A global resource
- Evolving from AIS through AIM to SWIM
- Why AIXM?
- Why the Design review?
- Where next?

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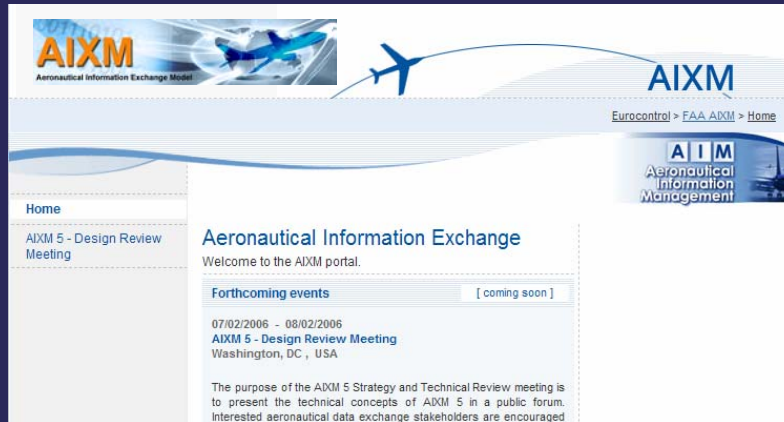
Interoperability is regarded as the key to efficient ATM. ATM is increasingly becoming system based and reliant on quality aeronautical information. Such information transcends international boundaries, it is a global resource. And as ATM becomes ever more complex so do information needs. Its provision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

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.

AIXM5 is intended as the global version, it is essential therefore that we know that we have the scope, content and technology right. You are the end users so we have turned to the peer group to conduct the review. But AIXM5 is just the beginning. The foundation for the future aeronautical information exchange. In addition to the Design review, how can you participate?

AICM / AIXM 5 Web Site

www.aixm.aero



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First, we want to mention that there is now an official web site for AIXM. From this site you will be able to get more information about AIXM 5 and also it will have links to other resources.

Global AIS Congress

- International conference on aeronautical information management
- Share modernization strategies
- Industry exhibits to “showcase” products to demonstrate change is possible & practical
- Official release for AIXM 5
- First class Speakers
- June 27-29th 2006 – Madrid, Spain
 - See www.eurocontrol.int/globalais06 for details



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A Global AIS Congress is being organized by EUROCONTROL in conjunction with a small Globally reflective consortium to share modernization strategies for aeronautical information management. First class Speakers and moderators have agreed to participate. Key Note speakers are the Director General EUROCONTROL, the FAA Administrator, and confirmation of the President of the ICAO Council is awaited. In addition the draft release of AIXM 5 will be provided at the conference. The conference will be held 27-29th June in Madrid, Spain. Go to the referenced web site for details and to sign up.

Introduction to the AIXM 5 Design Proposal Team

- EUROCONTROL
 - Eduard Porosnicu
- Federal Aviation Administration
 - Brett Brunk
 - Barbara Cordell
- University of Darmstadt (working for EUROCONTROL)
 - Christian Grothe
- National Geospatial Intelligence Agency
- Partners and Reviewers
 - EUROCONTROL AISTEC Focus Group Members

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Now I will introduce you to the AIXM 5 Design Team. The Design Team will guide you through the next 2 days.