

AIXM 5 User Group Meeting

Washington DC

February 27 – March 1, 2007

United States Federal Aviation Administration

(Contact: Brett.Brunk@faa.gov)

Day 1 – February 27, 2007

Set the stage for AIXM 5 by introducing AIXM and showing how it fits within the global plan to modernize AIM. Summarize the AIXM concept and purpose. Show the results of trials demonstrating the practical application of AIXM.

09:00 – 10:00	Registration and Coffee Break
10:00 – 10:30	Welcome and Introduction
10:30 – 10:45	Overview of the User Group meeting
10:45 – 12:00	Plenary Session <ul style="list-style-type: none">• Enabling global AIM• United States AIM modernization – <i>Jack McAuley, FAA, Manager of AIM Programs</i>• Introduction to AIXM 5 – <i>Eddy Porosnicu, EUROCONTROL</i>
12:00 – 13:00	<i>Lunch</i>
13:00 – 14:00	AIXM 5 Technical Overview <ul style="list-style-type: none">• Content• Design principles (including AI-T)• Status and Schedule
14:00 – 15:00	AIXM Technology <ul style="list-style-type: none">• Open Geospatial Consortium – GML• GML in AIXM
15:00 – 15:30	<i>Coffee Break</i>
15:30 – 17:00	AIXM 5 Trials <ul style="list-style-type: none">• Instrument Approach Procedures – EUROCONTROL• Instrument Approach Procedures - FAA• AIXM Viewer

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Day 2 – February 28, 2007

The use of AIXM to modernize NOTAMs. Invited talks from AIS providers implementing AIXM in their systems. Summary of meeting results.

09:00 – 10:30	AIXM 5 Trials – Enabling digital NOTAMs <ul style="list-style-type: none">• digital NOTAMS – a new paradigm• Review of AMDB-xNOTAM project• EUROCONTROL xNOTAM
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	Continued... Enabling digital NOTAMs <ul style="list-style-type: none">• Digital Airport Surface NOTAMs• Next steps – Q&A
12:30 – 13:30	<i>Lunch</i>
13:30 – 14:30	Implementing Modern AIS with AIXM <ul style="list-style-type: none">• Speakers TBD
14:30 – 15:00	<i>Coffee Break</i>
15:00 – 15:30	Continued... Implementing Modern AIS with AIXM <ul style="list-style-type: none">• China (? Invited)
15:30 – 16:00	User Meeting Summary <ul style="list-style-type: none">• Upcoming events• AIXM on the web• Wrap-up

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Day 3 – March 1, 2007

Detailed technical review of AIXM 5 for the technologist. A review of AIXM 5 design principles based on ISO standards. Step by step review of AIXM Conceptual Model and XML Schema. Practical advice on implementing AIXM.

08:00 – 08:30	AIXM 5 Training Introduction - Brunk <ul style="list-style-type: none">• Registration• Welcome
08:30 – 09:00	Design Principles – Brunk/Barnette <ul style="list-style-type: none">• GML• Temporality• Metadata• Feature Identification
09:00 – 10:00	Conceptual Model Review continued <ul style="list-style-type: none">• Aerodrome - Brunk• Airspace - Porosnicu• Navaid and Points – Cordell
10:00 – 11:00	<i>Coffee Break</i>
11:00 – 12:00	Conceptual Model Review <ul style="list-style-type: none">• Routes - Porosnicu• Procedures - Cordell• Obstacles - Brunk
12:00 – 13:00	<i>Lunch</i>
13:00 – 14:30	XML Schema Review – Cordell/Shank/Grothe <ul style="list-style-type: none">• UML to XSD• GML encoding• Feature Identification• Schema walk through<ul style="list-style-type: none">◦ Arrays, Object/Property, xlink• Property ordering - Grothe
14:30 – 15:00	<i>Coffee Break</i>
15:00 – 16:00	Implementing AIXM – Shank/UMD/NGC? <ul style="list-style-type: none">• Open Source• RDBMS• Generating and consuming AIXM XML• Web services using AIXM
16:00 – 17:00	Summary and Discussion – Brunk/Porosnicu <ul style="list-style-type: none">• Next steps• Discussion and Issues• How to comment