

AIXM 5 User Group Meeting

Washington DC

February 27 – March 1, 2007

United States Federal Aviation Administration

(Contact: Brett.Brunk@faa.gov)

Meeting Location and Logistics

The conference will be held in the Salon Rooms at the Marriott Crystal City at Reagan National Airport:

Marriott Crystal City
1999 Jefferson Davis Highway
Arlington, VA 22202 USA

<http://marriott.com/property/propertypage/WASCC>

The hotel will provide conference participants US Government per diem rates. To receive the special hotel rate mention the “AIXM Users Meeting.”

More hotel and location information can be obtained by contacting Kimberly Middleton at 1(202) 493-5603 or Kimberly.A-ctr.Middleton@faa.gov.

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Agenda

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.

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| 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 <i>Nancy Kalinowski, FAA, Director Airspace & AIM</i>• 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 | Lunch |
| 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 – 15:30 | AIXM Technology <ul style="list-style-type: none">• Open Geospatial Consortium – GML (45 min)• GML in AIXM (45 min) |
| 15:30 – 16:00 | Coffee Break |
| 16:00 – 17:00 | AIXM 5 Trials <ul style="list-style-type: none">• Instrument Approach Procedures – EUROCONTROL• Instrument Approach Procedures – FAA |

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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.

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| 09:00 – 10:00 | AIXM 5 Trials – continued <ul style="list-style-type: none">• AIXM Viewer• |
| 10:00 – 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.

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| 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 |