Aeronautical Information Services

Development Process for Flight Information Exchange Model (FIXM)

Presented to: ATIEC
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Aviation Information World – Forecasting the Future
FIXM v4.0 Development

- Provide updates on FIXM Development
- Recommend changes
- Define Scope and schedule
- Release Final Products
- Guidance Direction
- Implement Change Requests, build FIXM product
- Review FIXM Products

**FIXM CCB**
- Globally harmonized operational Concept for FIXM Core
- Define Operational Requirements
- Approve Change Requests
- Develop & Review Proposed changes

**FIXM Development Team**

**FIXM Stakeholders**

**ICAO ATMRPP**

**FIXM v4.0**
FIXM CCB

Develop Work Plan
- Scope
- Schedule

Ensure Progress
- Day-to-Day Management

Stakeholder Engagement

Propose Changes
- Recommend Changes
- Approve Change Requests

Review FIXM Products
- FIXM Model
- Documentation

Interface with ATMRPP
- FIXM updates
- Getting Guidance

FIXM Release
FIXM Development Team

Data Analysis

- Requirements Analysis
- Data Mapping
- Operational Data Description

FIXM Development

- Develop Change Requests
- Implement Changes
- Develop FIXM Documentation

Stakeholder Engagement
FIXM Change Requests (CRs)

- Every Change Was Documented as a CR in FIXM v4.0
- CRs Are Developed in Response to Proposed FIXM Changes
- Review by FIXM Community
  - Submitted to the community for review
  - FIXM technical review meetings with stakeholders
  - Rework may be proposed, based on comments
- CCB Approval
  - All CRs must be approved by CCB before implementation
- Resolution
  - When a proposed change has been implemented, the stakeholder confirms it is completed satisfactorily
  - The CCB must confirm resolution of all Change Proposals before the changes can be considered resolved
**FIXM Workshop**  
*Washington DC, April 19-21, 2016*

### Meeting Objectives:
- **Present** the FIXM 4.0 draft
- **Retrieve early feedback** by the FIXM community of stakeholders
- **Identify aspects** to improve for the final FIXM v4.0 or future FIXM versions

### Meeting Outcome:
- **32 stakeholders** attended the meeting, they were the representatives from ANSPs, IATA, ICAO Provisions, current/potential FIXM users, FIXM CCB and FIXM development team
- The meeting provided **17 presentations**. All participants were involved actively during the discussion sessions
- Substantial **feedback and recommendations** have been received
- **15 action items** were opened, most of them have been addressed in final FIXM v4.0 release
• FIXM Tools

• FIXM Website:
  – www.FIXM.aero
  – Obtain FIXM overall information – History, objective, benefits
  – Understand FIXM development schedule
  – Download recent and historical FIXM releases/documentation
  – Request FIXM User support

• FIXM Wiki
  – http://im.eurocontrol.int/wiki/index.php/FIXM_Work_Area
  – Understand current FIXM development status
  – Request to join the FIXM community

• JIRA
  – Report and track bugs, propose new changes, view CRs
  – How to access to FIXM JIRA:
    https://fixm.aero/content/contact.pl?category=JIRA%20Access

• FIXM Modelling/Development Tool – Workbench
  – https://fixm.aero/tools.pl
Questions
Backup
FIXM Core v4.0 - Work Plan

Main thread • FF-ICE/1 Support

1st Iteration

2nd Iteration

Complementary thread • Technical Improvements

Preparatory activities

Main Thread

Complementary Thread

Work Plan

CR Submission to CCB

CCB

CR Implementation

FIXM

Jira

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