

Aeronautical Information Management NOTAM Industry Day

NAV CANADA - FAA ICAO
NOTAM Workgroup

By: Aeronautical Information Management Group

Date: November 2008



Federal Aviation
Administration



NAV CANADA – FAA ICAO NOTAM Harmonization



**Charles Montgomery
NAV CANADA Director, AIS & Flight Operations**

Barry Davis, FAA Manager, Aeronautical Information Management

November 20, 2008

FAA-NAV CANADA Workgroup Objectives.....



- **Work together to achieve seamless ICAO NOTAMs between both states**
- **Facilitate a modernization movement from legacy NOTAMs to ICAO formatted NOTAMs**
- **Enable the transition to digital NOTAMs**
- **Use AIXM technology (version 5 and beyond)**



The Process

1. **Philosophy** provides the overarching framework
2. **Policies** provide the direction and constraints within the philosophy
3. **Procedures** provide the implementation of the policies

Workgroup Activities

- **Joint Policy for ICAO NOTAM Standardization (Annex 15)**
- **Joint System Harmonization**
- **ICAO Series NOTAMs**
- **Implementation Goals**
- **Ongoing Efforts**

Joint Policy

- **Joint Policy for ICAO NOTAM Standardization (Annex 15)**
 - Processes
 - Harmonization of business rules
 - NOTAM accountability/authority
 - Education and Outreach
 - Common terminology
 - Improve timeliness, quality and collaboration

Joint System Harmonization

- **Direct entry by NOTAM authority**
- **ICAO NOTAM format for both states**
- **Common Series to be used by both states**
- **Automation for upfront quality checks**
- **Continue legacy system support**
- **Transition activities required**

ICAO NOTAM Series/1

- **Series A – Aerodrome/Movement or Landing Area**
- **Series B – ATC Facilities and Services**
- **Series C – Special Use Airspace**
- **Series D – Obstruction**
- **Series E – Airspace NOTAMs**
- **Series F – 2nd Language Translations (e.g., French)**
- **Series G – GNSS NOTAMs (GPS, WAAS, LAAS)**
- **Series H – Chart Corrections**

ICAO NOTAM Series/2

- **Series J – Special Notices and Advisories**
- **Series L – Limited Distribution NOTAMs**
- **Series M – Military**
- **Series N – NAVAID NOTAMs**
- **Series O – Other Aeronautical Information**
- **Series P – Procedural**
- **Series V – Military Procedures**
- **Series W – Database Corrections**
- **Series Y – Test NOTAMs**
- **Series Z – Airway NOTAMs**

Implementation Goals

- **Operationally tailored information provided per user requirements**
 - Ease of use
 - Parsing
 - Improved archiving capability
 - Common views of NOTAM (e.g., ICAO, plain text, legacy format)
- **Runway surface and field condition reporting**
- **Continue joint collaboration addressing ongoing issues**
- **Target ICAO compliancy in 2010**
- **Digital NOTAM capability expected in 2012+ (AIXM5.x trials)**

Ongoing Efforts

- **Field Conditions**
 - Methodology used
 - Current FAA Administrator Rulemaking Committee (ARC) recommendations
 - Criteria for issuance
 - Format

- **Identification and authentication of accountable source**

- **Next steps**
 - Comment on draft ICAO series and policy
 - See <http://nfdc.faa.gov/aimnews>
 - Outreach

Thank you

- **Information on AIM modernization**
 - Nfdc.faa.gov/aimnews
- **Contact**
 - Gary Bobik
 - AIM NOTAM Policy Specialist and Outreach Coordinator
 - Gary.Bobik@faa.gov
- **Acknowledgment**
 - FAA/NAV CANADA Workgroup
 - Benoit Tardif, Co-chair, NAV CANADA
 - Team members: Caroline Doucet, Ron Knight, Rob Nimz.
 - Gary Bobik, Co-chair, FAA
 - Team members: Gary Prock, David Bradshaw, Jim Mills.
 - Supported by Paul Pederson and Eric Large.